Please read this manual before using Digital Super Hybrid System.
Thank you for purchasing the Panasonic Telephone System.
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|-------------------------|--------------------------|
|                        | Single Line Telephones   |

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For your future reference

**SERIAL NO.**
(Found on the bottom of the unit)

**DATE OF PURCHASE**

**NAME OF DEALER**

**DEALER'S ADDRESS**

**DEALER'S TEL. NO.**
Attention

When using the KX-T7200 and KX-T7400 series, keep the following conditions in mind:

- If there is any trouble, unplug the extension line and connect a known working phone. If the known working phone operates properly, have the defective phone repaired by a specified Panasonic Factory Service Center. If the known working phone does not operate properly, check the Digital Super Hybrid System and the internal extension wiring.
- Keep the unit away from heating appliances and electrical noise generating devices such as fluorescent lamps and motors.
- The unit should be kept free of dust, moisture and vibration, and should not be exposed to direct sunlight.
- Do not use benzine, thinner, or any abrasive powder to clean the cabinet. Wipe it with a soft cloth.
- Do not use any handset other than a Panasonic handset.

When you ship the product
Carefully pack and send it prepaid, adequately insured and preferably in the original carton. Attach a postage-paid letter, detailing the symptom, to the outside of the carton. DO NOT send the product to the Executive or Regional Sales offices. They are NOT equipped to make repairs.

Product service
Panasonic Factory Servicenters for this product are listed in the servicenter directory. Consult with your authorized Panasonic dealer for detailed instructions.

WARNING
TO PREVENT FIRE OR SHOCK HAZARD, DO NOT EXPOSE THIS PRODUCT TO RAIN OR ANY TYPE OF MOISTURE.

Accessory Order Information
- Replacement parts and accessories are available through your local authorized parts distributor.
- For ordering accessories, call toll free: 1-800-332-5368.

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W:White  B:Black
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For your future reference

SERIAL NO. __________________________________________
(found on the bottom of the unit)

DATE OF PURCHASE ________________________________

NAME OF DEALER __________________________________

DEALER'S ADDRESS __________________________________

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Attention

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W:White    B:Black
Introduction

Who Should Use This Manual

This manual is designed for users of Digital Super Hybrid System KX-TD816 and KX-TD1232. It is to be used after the system is installed and System Programming is completed. The focus is Digital Proprietary Telephones (DPTs);
KX-T7220/KX-T7230/KX-T7250/KX-T7420/KX-T7425/KX-T7431/
KX-T7433/KX-T7436, Digital DSS Consoles; KX-T7240/KX-T7440/
KX-T7441, Single Line Telephones (SLTs) and their features. The step-by-step procedures required to activate each feature are discussed in detail. Illustrations of the KX-TD816 and the KX-TD1232 systems and the required System Programming are provided under separate cover in the Installation Manual and the Programming Guide.

Construction of This Manual

This manual consists of the following sections:

(Section 1) DPT Overview
Provides configuration information on DPTs. It provides an illustration of each telephone, identifies their feature buttons, supplies background information on these feature buttons, and provides initial settings.

(Section 2) Station Programming
Provides the steps required to assign features to DPT flexible buttons and to the DPT system.

(Section 3) User Programming
Provides the steps required to assign some features to the system.

(Section 4) Station Features and Operation (DPT/SLT)
Provides background information on the DPT/SLT features and lists the steps required to activate each feature.

(Section 5) DSS Console Features
Provides configuration information on the DSS Console. It gives background information on the DSS Console features and lists the steps required to activate each feature.

(Section 6) Appendix
Provides Display Examples, a Feature Number List, Tone List, and other information are explained in this section.

Features and Capabilities

KX-TD816 and KX-TD1232 systems are sophisticated and powerful systems that satisfy just what you expect of an office communications system. Some of the remarkable features are listed below.

Automatic Callback Busy (Camp-On) informs you when the selected outside line or the called party becomes idle.

Call Log, Incoming (— Option) allows you to confirm the incoming outside call information on the display. You can also call back the caller by selecting one of the memorized numbers. This feature is available only for the KX-T7230, KX-T7235, KX-T7433 and KX-T7436.
Call Log, Outgoing redials by selecting one of the last five outside calls you made, according to the number information on the display. This feature is available only for KX-T7436 and KX-T7235.

Conference, Unattended When you are in a conference with two outside parties, you can leave the conference and allow the other two parties to continue the conversation. You can also return to the conference.

Data Line Security prohibits various tones, such as call waiting tone or hold recall tone, from sounding at the extension in the data communication mode. It also blocks overriding by other extensions, such as Executive Busy Override.

Doorphone and Door Opener (— Option) enables the conversation between you and a visitor at door. You can also unlock the door a few seconds from your phone.

Executive Busy Override allows you to enter into an existing conversation at an extension/outside line.

Full One-Touch Dialing allows you to have easy access to a desired party or system feature by pressing just one button.

Message Waiting allows you to leave a message notification for another extension. The message waiting lamp (MESSAGE indicator) gives a visual indication that a message notification has been received. Even if the Message button is not provided or assigned, a special tone after going off-hook indicates that a message notification has been received.

Paralleled Telephone Connection allows you to connect your DPT in parallel with a SLT. Each telephone can have the same extension number so that you can use either telephone. If the eXtra Device Port (XDP) feature is available through System Programming, each telephone can be connected to the same extension port but have different extension numbers so that they can act as completely different extensions.

System Feature Access Menu allows you to access various features easily by following the display on the LCD and pressing corresponding buttons. This feature is available only for the KX-T7431, KX-T7433, KX-T7436 and KX-T7235.

VPS Integration (— Option) enables forwarding any incoming call to Voice Mail. Recording or Playing back the message(s) is also available. To use Voice Mail services, installing a Voice Processing System (VPS) is required.

Terms used in the Descriptions

Feature Numbers

A feature number is an access code for various functions when programming or executing features using proprietary or single line telephones connected to the system. You can access available features by dialing the corresponding feature number (and additional number, if required).

There are two types of feature numbers as follows:

- Flexible feature number
- Fixed feature number

While fixed feature numbers cannot be changed, flexible feature numbers can be changed. Refer to the Installation Manual for details. In this manual, the default numbers are used to describe each operation and illustration. Use the new programmed number if you have changed a flexible feature number. The lists of fixed numbers and default flexible feature numbers are shown in the Appendix.
If you use a dial pulse (DP) type single line telephone (SLT);
It is not possible to access features that have "×" or "#" in their feature numbers.

Tones
Various tone types, such as Confirmation tone, Dial tone, Call Waiting tone, etc. are explained in the Appendix.

Display
The display examples are in each operation step, if required. The display information list is in the Appendix for your convenience.

Programming Guide References
The related and required programming titles are noted for your reference in the Programming Guide. System Programming should be done by the extension which connected to Jack number 01 or the System Manager. A KX-T7431, KX-T7433, KX-T7436, KX-T7230 and KX-T7235 can be used for this programming. Station Programming is individual programming at your own proprietary telephone (PT). You can customize the extension to your needs using any type of proprietary telephone.

Features Guide References
The related feature titles are noted for your reference in the Features Guide.

User Manual References
The related feature titles are noted for your reference in this manual.
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Section 1

DPT Overview

Note: All illustrations used in the initial setting are based on model KX-T7235.
1.1 Configuration

1.1.1 Configuration

Panasonic Digital Proprietary Telephones (DPTs) are available to utilize various features of the KX-TD816 and KX-TD1232 System, in addition to supporting basic telephone services (making and receiving calls).

There are nine DPT models.

### KX-T7400 Series

<table>
<thead>
<tr>
<th></th>
<th>KX-T7420</th>
<th>KX-T7425</th>
<th>KX-T7431</th>
<th>KX-T7433</th>
<th>KX-T7436</th>
</tr>
</thead>
<tbody>
<tr>
<td>Display</td>
<td>None</td>
<td>None</td>
<td>16 char./line, 1-line LCD</td>
<td>Tilt-up, 16 char./line, 3-line LCD</td>
<td>Tilt-up, 24 char./line, 6-line LCD</td>
</tr>
<tr>
<td>Soft Buttons and Function Buttons</td>
<td>None</td>
<td>None</td>
<td>None</td>
<td>3 Soft Buttons</td>
<td>3 Soft Buttons/ 10 Function Buttons</td>
</tr>
<tr>
<td>Jog Dial</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>CO Buttons</td>
<td>12</td>
<td>24</td>
<td>12</td>
<td>24</td>
<td>24</td>
</tr>
<tr>
<td>Fixed Feature Buttons</td>
<td>Refer to the &quot;Fixed Buttons&quot; in 1.1.4 Feature Buttons</td>
<td></td>
<td></td>
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</table>

### KX-T7200 Series

<table>
<thead>
<tr>
<th></th>
<th>KX-T7220</th>
<th>KX-T7230</th>
<th>KX-T7235</th>
<th>KX-T7250</th>
</tr>
</thead>
<tbody>
<tr>
<td>Display</td>
<td>None</td>
<td>16 char./line, 2-line LCD</td>
<td>Tilt-up, 24 char./line, 6-line LCD</td>
<td>None</td>
</tr>
<tr>
<td>Soft Buttons and Function Buttons</td>
<td>None</td>
<td>3 Soft Buttons</td>
<td>3 Soft Buttons/ 10 Function Buttons</td>
<td>None</td>
</tr>
<tr>
<td>Speakerphone</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Monitor only</td>
</tr>
<tr>
<td>CO Buttons</td>
<td>24</td>
<td>24</td>
<td>12</td>
<td>6</td>
</tr>
<tr>
<td>Fixed Feature Buttons</td>
<td>Refer to the &quot;Fixed Buttons&quot; in 1.1.4 Feature Buttons</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
1.1.2 Location of Controls

KX-T7420

- Flexible CO Buttons (Outside lines 01 through 12)
- PROGRAM Button
- FWD/DND Button
- CONF Button
- INTERCOM Button
- PAUSE Button
- TRANSFER Button
- MESSAGE Button
- AUTO DIAL/STORE Button
- RINGER Volume Selector
  Used to adjust the ringer volume.
- AUTO ANSWER/MUTE Button
- FLASH/RCL Button
- Jog Dial
- REDIAL Button
- HOLD Button
- SP-PHONE Button
- Microphone
KX-T7425

PROGRAM Button
FWD/DND Button
CONF Button
INTERCOM Button

Flexible CO Buttons
(Outside lines 01 through 24)

PAUSE Button
TRANSFER Button
MESSAGE Button

AUTO DIAL/STORE Button
RINGER Volume Selector
Used to adjust the ringer volume.

AUTO ANSWER/MUTE Button
FLASH/RCL Button

Jog Dial

Microphone

REDIAL Button
HOLD Button
SP-PHONE Button
KX-T7431

Display (Liquid Crystal Display)
With 16-character/1-line readout:
Shows the date, time, dialed number or name,
call duration time, etc. In Programming mode,
it shows the programming messages.

Flexible CO Buttons
(Outside lines 01 through 12)

PROGRAM Button

FWD/DND Button

CONF Button

INTERCOM Button

SELECT Button

MODE Button

PAUSE Button

TRANSFER Button

MESSAGE Button

AUTO DIAL/STORE Button

AUTO ANSWER/MUTE Button

FLASH/RCL Button

Jog Dial

REDIAL Button

HOLD Button

SP-PHONE Button

Microphone
KX-T7433

Display (Liquid Crystal Display)
With 16-character/3-line readout:
Shows the date, time, dialed number or name, call duration time, etc. In Programming mode, it shows the programming messages.

Flexible CO Buttons
(Outside lines 01 through 24)

PROGRAM Button

FWD/DND Button

CONF Button

INTERCOM Button

INTERCOM Button

Flexible CO Buttons
(Outside lines 01 through 24)

PAUSE Button

TRANSFER Button

MESSAGE Button

AUTO DIAL/STORE Button

AUTO ANSWER/MUTE Button

FLASH/RCL Button

Soft Buttons
(S1 through S3)

SHIFT Button

To lift or set down the display:

- To lift the display
  1. Press the LCD ADJ button.
  2. Lift up the display.

- To set down the display
  1. Press the LCD ADJ button.
  2. Press down the display.
KX-T7436

Display (Liquid Crystal Display)
With 24-character/6-line readout:
Shows the date, time, dialed number or name,
call duration time, etc. In Programming mode,
it shows the programming messages.

Soft Buttons
(S1 through S3)

Function Buttons
(F6 through F10)

To lift or set down the display:

- To lift the display
  1. Press the LCD ADJ button.
  2. Lift up the display.

- To set down the display
  1. Press the LCD ADJ button.
  2. Press down the display.
KX-T7220

MESSAGE Button
FWD/DND Button
CONF Button
INTERCOM Button

Flexible CO Buttons
(Outside lines 01 through 24)

RINGER Volume Selector
Used to adjust the ringer volume.

TRANSFER Button
PROGRAM Button
VOLUME Control Button
AUTO DIAL/STORE Button
AUTO ANSWER/MUTE Button

SP-PHONE Button
Microphone
REDIAL Button
FLASH Button
HOLD Button
KX-T7230

PROGRAM Button

Flexible CO Buttons
(Outside lines 01 through 24)

MESSAGE Button

FWD/DND Button

CONF Button

INTERCOM Button

Display (Liquid Crystal Display)
with 16-characters/2-line readout:
Shows the date, time, dialed number or
name, call duration time, etc. In
Programming mode, it shows the
Programming instructions.

Soft Buttons
(S1 through S3)

SHIFT Button

TRANSFER Button

PAUSE Button

VOLUME Control Button

AUTO DIAL/STORE Button

AUTO ANSWER/MUTE Button

REDIAL Button

FLASH Button

HOLD Button

Microphone

SP-PHONE Button
KX-T7235

Function Buttons (F1 through F5)

PROGRAM Button

MESSAGE Button

FWD/DND Button

CONF Button

INTERCOM Button

Display (Liquid Crystal Display)
with 24-characters/6-line readout:
Shows the date, time, dialed number or name, call duration time, etc. In Programming mode, it shows the Programming instructions.

Function Buttons (F6 through F10)

SHIFT Button

Soft Buttons (S1 through S3)

Flexible CO Buttons (Outside lines 01 through 12)

TRANSFER Button

PAUSE Button

VOLUME Control Button

AUTO DIAL/STORE Button

To lift or set down the display:

- To lift the display
  1. Press the LCD ADJ button.
  2. Lift up the display.

- To set down the display
  1. Press the LCD ADJ button.
  2. Press down the display.
KX-T7250

Flexible CO Buttons
(Outside lines 01 through 06)

INTERCOM Button

MEMORY Card
Pull out the card and write down the names or phone numbers associated with automatic dialing numbers.

RINGER Volume Selector
Used to adjust the ringer volume.

REDIAL Button

FLASH Button

HOLD Button

MONITOR Button

PROGRAM Button

VOLUME Control Button

AUTO DIAL/STORE Button

TRANSFER Button
1.1.3 Connection

Connect as shown.

**KX-T7400 Series DPTs**

The included telephone line cord

→ Connect to the KX-TD816/1232 System.
→ Connect to a standard telephone jack, Telephone Answering Machine, or FAX for XDP* or parallel connections.

* XDP(eXtra Device Port) expands the number of telephones available in the system by allowing an extension port to contain two telephones. For more details, please consult with your dealer.
KX-T7200 Series DPTs

The included telephone line cord

→ Connect to a standard telephone jack, Telephone Answering Machine, or FAX for XDP* or parallel connections.

→ Connect to the KX-TD816/1232 System.

* XDP (eXtra Device Port) expands the number of telephones available in the system by allowing an extension port to contain two telephones. For more details, please consult with your dealer.
1.1.4 Feature Buttons

Digital proprietary telephones (DPTs) have the following types of Feature Buttons:
- Fixed Buttons
- Flexible Buttons

Fixed Buttons

Fixed buttons have specific functions permanently assigned to them. These default function assignments cannot be changed. The following table lists the fixed buttons located on each DPT model.

<table>
<thead>
<tr>
<th>Feature Button</th>
<th>T7420</th>
<th>T7425</th>
<th>T7431</th>
<th>T7433</th>
<th>T7436</th>
<th>T7220</th>
<th>T7230</th>
<th>T7235</th>
<th>T7250</th>
</tr>
</thead>
<tbody>
<tr>
<td>AUTO ANSWER/MUTE</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
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<td>✓</td>
<td>✓</td>
<td>✓</td>
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<td>✓</td>
<td>✓</td>
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<td>✓</td>
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<td>✓</td>
<td>✓</td>
<td>✓</td>
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<td>FLASH/RCL</td>
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<td>Function buttons</td>
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<td>✓</td>
<td>✓</td>
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<tr>
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<td>✓</td>
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<td>✓</td>
<td>✓</td>
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<td>✓</td>
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</tr>
<tr>
<td>SELECT</td>
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<td>✓</td>
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<td>✓</td>
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<td>✓</td>
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<td>Soft buttons</td>
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<td>-------</td>
<td>-------</td>
<td>-------</td>
</tr>
<tr>
<td>SP-PHONE</td>
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<td>✓</td>
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<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>VOLUME</td>
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<td>✓</td>
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<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
</tbody>
</table>

"✓" indicates the button is available.

Usage

AUTO ANSWER/MUTE Button
Used for Hands-free answer back; or it turns the microphone off during a conversation.

AUTO DIAL/STORE Button
Used for System Speed Dialing or storing program changes.

CONF (Conference) Button
Used to establish a three-party conference.

FLASH Button / FLASH/RCL Button
Sends an External Feature Access signal to the central office or host PBX to access their system features. If a PBX is not being used, this button can be used to disconnect the current call and start another call without hanging up.

Function (F1 through F10) Buttons
Used to perform the corresponding displayed function or operation.

FWD/DND (Call Forwarding/Do Not Disturb) Button
Used to program the Call Forwarding feature or set the Do Not Disturb (DND) feature.

HOLD Button
Used to place a call on hold.

INTERCOM Button
Used to make or receive extension calls.

Jog Dial
Used to adjust the volume of the handset receiver, headset, ringer and speaker. It also adjusts the display contrast. Refer to "Initial Setting for KX-T7400 Series" in this section.
For KX-T7431, KX-T7433 and KX-T7436 users, it is also used to select data from the Call Directory and the System Feature Access Menu.

MESSAGE Button
Used to leave a notification to a busy extension or call back the message notification sender.

MODE Button
Used to shift the display in order to access various features.

MONITOR Button
Used for a hands-free dialing operation.

PAUSE Button
Inserts a pause in speed dial numbers or in One-Touch dial numbers.

PROGRAM Button
Used to enter and exit the Programming mode.
With the KX-T7220 and KX-T7250, it can also be used as the PAUSE button.
1.1 Configuration

**REDIAL Button**
Used for the Last Number Redial.

**SELECT Button**
Used to select the displayed function or to call the displayed phone number.

**SHIFT Button**
Used to access the second and third level of Soft Button functions.

**Soft (S1 through S3) Buttons**
Used to perform the function or operation that appears on the bottom line of the display.

**SP-PHONE (Speakerphone) Button**
Used for a hands-free speakerphone operation.

**TRANSFER Button**
Transfers a call to another extension or external destination.

**VOLUME Control Button**
Used to adjust the volume of the handset receiver, headset, ringer and speaker; it also adjusts the display contrast. Refer to 1.1.6 Initial Setting for KX-T7200 Series.
Flexible Buttons

Flexible Buttons do not have specific features permanently assigned to them. Features are assigned to Flexible Buttons through System or Station Programming. "Flexible Button Assignment" is addressed in "Station Programming". The three types of Flexible Buttons are as follows:

- **Flexible CO buttons** (located on PT only)
- **Flexible DSS buttons** (located on DSS Console only)
- **Programmable Feature (PF) buttons** (located on DSS Console, KX-T7240, only)

The following table outlines the features that can be assigned to the Flexible Buttons:

<table>
<thead>
<tr>
<th>Features to be assigned</th>
<th>Button</th>
<th>CO</th>
<th>DSS</th>
<th>PF</th>
</tr>
</thead>
<tbody>
<tr>
<td>Single-CO</td>
<td>✓</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Group-CO</td>
<td>✓</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Loop-CO</td>
<td>✓</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>DSS (Direct Station Selection)</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td>Phantom Extension</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td>ONE-TOUCH (One-Touch Dialing)</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>MESSAGE (Message Waiting)</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td>MESSAGE (Another/Phantom Extension)</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td>FWD/DND (Call Forwarding/Do Not Disturb)</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>SAVE (Saved Number Redial)</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>ACCOUNT (Account Code Entry)</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>CONF (Conference)</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Voice Mail (VM) Transfer</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Log-In / Log-Out</td>
<td>✓</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Two-Way Record*</td>
<td>✓</td>
<td>✓</td>
<td></td>
<td>✓</td>
</tr>
<tr>
<td>Two-Way Transfer*</td>
<td>✓</td>
<td>✓</td>
<td></td>
<td>✓</td>
</tr>
<tr>
<td>LCS (Live Call Screening)*</td>
<td>✓</td>
<td>✓</td>
<td></td>
<td>✓</td>
</tr>
<tr>
<td>LCS (Live Call Screening) Cancel*</td>
<td>✓</td>
<td>✓</td>
<td></td>
<td>✓</td>
</tr>
<tr>
<td>Night/Day (Lunch/Break) Service</td>
<td>✓</td>
<td>✓</td>
<td></td>
<td>✓</td>
</tr>
</tbody>
</table>
Available when the Digital Super Hybrid System is connected to a Digital Proprietary Telephone capable Panasonic Voice Processing System (one that supports digital proprietary telephone integration; e.g. KX-TVS100).

"✔" indicates that the feature is available.

**Line Access Buttons**

The following three types of CO buttons can be used to seize a outside line when making a call.

- **Single-CO (S-CO) button**
- **Group-CO (G-CO) button**
- **Loop-CO (L-CO) button**

**Conditions**

- A flexible CO button can be assigned as a Line Access Button (S-CO, G-CO or L-CO) in either System/Station Programming. Once a flexible CO button is assigned as a Line Access Button, it provides the line status condition by lighting patterns and green/red indication. Please refer to "LED Indication" in this section.
- You can set the G-CO and L-CO buttons on one telephone. Incoming and outgoing calls on the line are shown on the button in the following priority.
  
  S-CO > G-CO > L-CO

**Single-CO (S-CO) button**

An S-CO button is a outside line access button. This allows you to access a specific outside line by pressing an S-CO button. An incoming outside call can be directed to an S-CO button.

**Conditions**

- The same outside line cannot be assigned to more than one S-CO button on a PT.
- It is possible to assign the same outside line to an S-CO button, a G-CO button and an L-CO button respectively.

**User Manual References**

2.2.2 Flexible Button Assignment

4.3.61 Outward Dialing, Line Access — SUMMARY
Group-CO (G-CO) button

To support efficient utilization of outside lines, a group of outside lines (outside line group) can be assigned to a CO button. This button is referred to as Group-CO (G-CO) button. Any incoming calls from any outside line in the same trunk group arrive at the G-CO button. To make a outside call, you can access an idle outside line in the trunk group by simply pressing the assigned G-CO button.

Conditions

- It is possible to assign the same outside line to an S-CO button, a G-CO button, and an L-CO button.
- It is necessary to program the extension for making and/or receiving calls in outside line groups.
- When your extension is assigned as an incoming call destination for a outside line, you cannot receive any incoming outside calls unless a G-CO, L-CO or S-CO button associated with the outside line is assigned.

User Manual References

2.2.2 Flexible Button Assignment
4.3.61 Outward Dialing, Line Access — SUMMARY

Loop-CO (L-CO) button

All outside lines can be assigned to a flexible CO button on a proprietary telephone. The assigned button serves as an L-CO button. An incoming call on any outside line arrives at the L-CO button, unless there are S-CO or G-CO buttons associated with the line or unless the button is already in use. To make a outside call, you simply press the dedicated L-CO button. Pressing the L-CO button provides the same operation as dialing an automatic line access code.

User Manual References

2.2.2 Flexible Button Assignment
4.3.61 Outward Dialing, Line Access — SUMMARY
1.1.5 Initial Setting for KX-T7400 Series

The Jog Dial can be used for the display contrast and the volume control. Rotate the Jog Dial in either direction as desired. The contrast or the volume level will change as follows.

- **Left** (counter-clockwise) - Level decreases
- **Right** (clockwise) - Level increases

**Display Contrast Adjustment**

The MODE button and the Jog Dial for KX-T7431 users, and a Soft button and the Jog Dial for KX-T7433 and KX-T7436 users are used to adjust the display contrast. The contrast level is indicated on the display by the number of asterisks.

**7431**

*While on-hook:*

- Press **MODE** six times.
- Rotate Jog Dial in the desired direction.

*<PT Display Example>*

| Contrast: *** | (contrast level 3) |

**7433 / 7436**

*While on-hook or during a conversation:*

- Press **CONT** (S1).
- Rotate Jog Dial in the desired direction.

*<PT Display Example>*

| Contrast: *** | (contrast level 3) |
When using the headset

The Panasonic Digital Super Hybrid System supports the use of a headset with a proprietary telephone (PT). When you use the headset (optional), you should switch the selection mode first. Selection is explained in the "Handset / Headset Selection" in Station Programming.

To change to the headset mode
Press: [PROGRAM] [9] [9] [9] [2] [STORE] [PROGRAM].

Changing the ringing tone of a CO button / Intercom calls

There are eight ringer frequencies available for each CO (Single-CO, Group-CO, Loop-CO) button and INTERCOM button. If you wish to change them, refer to "Ringing Tone Selection for CO Buttons," "Ringing Tone Selection for Intercom Calls" in Station Programming.

Volume Control — Handset Receiver/Headset/Ringer/Speaker

Allows you to adjust the following volumes as required.

— Handset Receiver volume (levels 1 through 4)
— Headset volume (levels 1 through 4)
— Ringer volume (levels 0 through 3)
— Speaker volume (levels 1 through 12)

If your digital proprietary telephone is provided with a display (display DPT), the volume level is indicated on the display by the number of asterisks. For ringer volume adjustment, three levels (OFF/LOW/HIGH) are available with the KX-T7420 and KX-T7425.

To adjust the handset receiver volume

- You may also adjust the handset receiver volume during a conversation using the handset receiver.
To adjust the headset volume

**Display PT**

*Be sure the headset is connected.*

Press SP-PHONE. Rotate Jog Dial in the desired direction.

<PT Display Example>

Headset:***

(-volume level 3)

To adjust the ringer volume

**7433 / 7436**

While the telephone is ringing:

Rotate Jog Dial in desired direction.

<PT Display Example>

Ringer:***

(-volume level 3)

**7433 / 7436**

While the telephone is idle and on-hook:

Press RING (S2).

Rotate Jog Dial in the desired direction.

- The telephone will ring.
- The telephone will stop ringing in about 4 seconds.
- When the volume level is 0 (no "*" indication), the display shows "RNGOFF".
7431

While the telephone is idle and on-hook:

Press MODE five times.

Rotate Jog Dial in the desired direction.

- The telephone will stop ringing in about 4 seconds.
- When the volume level is 0, no "*" is indicated.

<PT Display Example>

Ringer: ***
(-volume level 3)

7420 / 7425

Adjust the RINGER Volume Selector lever to the desired setting (OFF/LOW/HIGH).

To adjust the speaker volume

74XX

Press SP-PHONE.

Rotate Jog Dial in the desired direction.

<PT Display Example>

SP: *********
(-volume level 12)

You may also adjust the speaker volume while listening to background music (BGM On mode), receiving a voice call, receiving a page or hearing a call progress tone such as a dial tone.
1.1 Configuration

Conditions

- **If the ringer volume of the KX-T7431 is set to OFF**, the display while on-hook is as follows.

  ![Ring Off 12:00PM](image)

- By pressing "\*", the display changes to show your extension number and name.

  ![101: John Smith](image)
1.1.6 Initial Setting for KX-T7200 Series

Display Contrast Adjustment (KX-T7230 and KX-T7235 only)

A Soft button and the VOLUME Control button are used to adjust the display contrast. The contrast level is indicated on the display by the number of asterisks. You can adjust the contrast level under the following conditions:

a) When on-hook, or
b) During an outside/intercom call.

When using the headset

The Panasonic Digital Super Hybrid System supports the use of a headset with a proprietary telephone (PT). When you use the headset (optional), you should switch the selection mode first. Selection is explained in the "Handsset / Headset Selection" in Station selection mode first. Selection is explained in the "Handsset / Headset Selection" in Station Programming.

To change to the headset mode
Press: [PROGRAM] [9] [9] [9] [2] [STORE] [PROGRAM].

Changing the ringing tone of a CO button / Intercom calls

There are eight ringer frequencies available for each CO (Group-CO, Loop-CO, Single-CO) button and INTERCOM button. If you wish to change them, refer to "Ringing Tone Selection for CO Buttons" or "Ringing Tone Selection for Intercom Calls" in Station Programming.

Volume Control — Handset Receiver/Headset/Ringer/Speaker

Allows you to adjust the following volumes as necessary:

— Handset Receiver volume (level 1 through 3)
— Headset volume (level 1 through 3)
— Ringer volume (level 0 through 3)
— Speaker volume (level 1 through 12)
1.1 Configuration

If your digital proprietary telephone is provided with a display (display DPT), the volume level is indicated on the display by the number of asterisks. For ringer volume adjustment, three levels (OFF/LOW/HIGH) are available with the KX-T7220 and KX-T7250.

To adjust the handset receiver volume

Display PT

Lift the handset. Press VOLUME (UP / DOWN) Control button.

<PT Display Example>
Handset: ***

(volume level 3)

You may also adjust the handset receiver volume during a conversation using the handset receiver.

To adjust the headset volume

Display PT

Be sure the headset is connected.

Press SP-PHONE. Press VOLUME (UP / DOWN) Control button.

<PT Display Example>
Headset: ***

(volume level 3)
To adjust the ringer volume

7230 / 7235

*While the telephone is ringing;*

Press VOLUME (UP ▲/DOWN ▼) Control button.

<PT Display Example>
Ringer: ***
(- volume level 3)

7230 / 7235

*While the telephone is idle and on-hook;*

Press RING (S2). Press VOLUME (UP ▲/DOWN ▼) Control button.

*The telephone will ring.*

- The telephone will stop ringing in about 4 seconds.
- When the volume level is 0 (no "***" indication), the display shows "RNGOFF".

7220 / 7250

Adjust the RINGER Volume Selector lever to the desired setting (OFF/LOW/HIGH).
To adjust the speaker volume

Press SP-PHONE or MONITOR.

Press VOLUME (UP /DOWN) Control button.

<P/T Display Example>

SP: **********

(volume level 12)

- You may also adjust the speaker volume while listening to background music (BGM On mode), receiving a voice call, receiving a page or hearing a call progress tone such as a dial tone.
1.1.7 LED Indication

The Light Emitting Diode (LED) buttons indicate the line conditions with lighting patterns.

**Flashing light patterns**

<table>
<thead>
<tr>
<th>Slow flashing (60 flash/min.)</th>
<th>Moderate flashing (120 flash/min.)</th>
<th>Rapid flashing (240 flash/min.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>![Slow flashing]</td>
<td>![Moderate flashing]</td>
<td>![Rapid flashing]</td>
</tr>
</tbody>
</table>

**LED Indication on the INTERCOM Button**

The table below shows the lighting patterns for intercom line conditions.

<table>
<thead>
<tr>
<th>INTERCOM button</th>
<th>Intercom Line Condition</th>
</tr>
</thead>
<tbody>
<tr>
<td>Off</td>
<td>Idle</td>
</tr>
<tr>
<td>Green On</td>
<td>Intercom call / Conference established</td>
</tr>
<tr>
<td>Green slow flashing</td>
<td>Intercom call hold</td>
</tr>
<tr>
<td>Green moderate flashing</td>
<td>Intercom call exclusive hold / Consultation hold</td>
</tr>
<tr>
<td>Green rapid flashing</td>
<td>Incoming intercom/doorphone call</td>
</tr>
</tbody>
</table>

**LED Indication on the CO Button**

The table below shows the lighting patterns for CO line conditions.

<table>
<thead>
<tr>
<th>CO Button</th>
<th>Outside Line Condition</th>
</tr>
</thead>
<tbody>
<tr>
<td>Off</td>
<td>Idle</td>
</tr>
<tr>
<td>Green On</td>
<td>You are using the line.</td>
</tr>
<tr>
<td>Green slow flashing</td>
<td>You have a held call.</td>
</tr>
<tr>
<td>Green moderate flashing</td>
<td>You have one of the following:</td>
</tr>
<tr>
<td></td>
<td>(1) Exclusive hold,</td>
</tr>
<tr>
<td></td>
<td>(2) Outside-to-Outside line call, or</td>
</tr>
<tr>
<td></td>
<td>(3) Conference, unattended</td>
</tr>
<tr>
<td>Green rapid flashing</td>
<td>Privacy Release possible* / Hold Recall /</td>
</tr>
<tr>
<td></td>
<td>Incoming call</td>
</tr>
<tr>
<td>Red On</td>
<td>Other-use / Log-out</td>
</tr>
<tr>
<td>Red slow flashing</td>
<td>Other-hold*</td>
</tr>
</tbody>
</table>

— Items marked with "*" are only available on the Single-CO button.
BLF on DSS Button
The Busy Lamp Field (BLF) indicator button is red when the corresponding extension is busy. This is available for Direct Station Selection (DSS) buttons on DSS consoles and for flexible CO buttons assigned as DSS buttons on proprietary telephones.

LED Indication on the FWD/DND Button
The table below shows the lighting patterns for the FWD/DND Button.

<table>
<thead>
<tr>
<th>System Programming [990] Area (09), Bit (4,3)</th>
<th>When Call Forwarding (FWD) is set</th>
<th>When Do Not Disturb (DND) is set</th>
</tr>
</thead>
<tbody>
<tr>
<td>11 (default)</td>
<td>Red Slow Flashing</td>
<td>Red On</td>
</tr>
<tr>
<td>10</td>
<td>Red On</td>
<td>Red On</td>
</tr>
<tr>
<td>01</td>
<td>Red On</td>
<td>Red Slow Flashing</td>
</tr>
<tr>
<td>00</td>
<td>Red Slow Flashing</td>
<td>Red Slow Flashing</td>
</tr>
</tbody>
</table>

Programming Guide Reference
[990] System Additional Information
Section 2

Station Programming

Note: All illustrations used in this section are based on model KX-T7235.
2.1 Station Programming Instructions

2.1.1 Station Programming Instructions

Station Programming allows you, the proprietary telephone (PT) users, to program certain features from your telephone individually. To program, you need to switch your telephone to the Station Programming mode. During programming mode, your telephone is in the busy condition to both inside and outside callers. If you want to make a normal call handling operation, you must finish the programming mode.

Programming Mode Display

When you enter into the Station Programming mode, the display shows the following message as the initial programming mode;

We recommend a PT with display for Station Programming to avoid mis-operation. The display also gives you helpful or stored data information related to your programming steps. In this section, we note the display example in the programming steps, if required. You can also refer to the "Display Examples" in the Appendix (Section 6).

Entering Station Programming mode

**PT**

*Be sure that the telephone is idle and on-hook.*

![Diagram](image)

- Press PROGRAM. Dial 99.

- The STORE indicator lights.
- If 99 is not dialed within 5 seconds after the PROGRAM button is pressed, the Station Programming mode is canceled.

**<PT Display Example>**

- Initial programming display

- If there is no entry within one minute, the Station Programming mode is canceled and normal call handling mode resumes automatically.
Exiting Station Programming mode

PT

When the display shows the initial programming mode;

Press PROGRAM or lift the handset.

- To exit the Station Programming mode, press PROGRAM. You are in the call handling mode.
Confirming the assigned function data

— Be sure that you are in the Station Programming mode: Press [PROGRAM] [9] [9].

- Enter the program access number.

- The display shows the initial programming mode.

- Enter the program access number* as follows.
  - 1: Preferred Line Assignment — Outgoing
  - 2: Preferred Line Assignment — Incoming
  - 3: Full One-Touch Dialing Assignment
  - 4: Intercom Alert Assignment
  - 5: Call Waiting Tone Type Assignment
  - 6: Self-Extension Number Confirmation
  - 7: Live Call Screening Mode Set
  - 8: 1: Initial Display Selection
  - 82: Bilingual Display Selection
  - 9: Handset/Headset Selection
  - 01: Remote Station Look Control (— Operator/Manager only)
  - 02: Call Log Lock Control, Incoming (— Operator/Manager only)
  - 03: Live Call Screening Password Control† (— Operator/Manager only)
  - #: Station Programming Data Default Set

- The display shows the programmed data.

<PT Display Example>

When you press [5], the display shows:

C.W. Tone 1 (— The Call Waiting tone is currently programmed to Tone 1.)

* A programming access number is required to program/confirm the function data by Station Programming.
†: Available when the Digital Super Hybrid System is connected to a Digital Proprietary Telephone capable Panasonic Voice Processing System (one that supports digital proprietary telephone integration; e.g. KX-TVS100)

— To exit the Station Programming mode: Press [PROGRAM] or lift the handset.
— If you wish to change the data, follow the programming procedure explained in this section.
Confirming the assigned data on the Flexible button

— Be sure that you are in the Station Programming mode: Press [PROGRAM] [9] [9].

Press the desired Flexible (CO,DSS,PF) button.

• The display shows the current status.

Press HOLD (END).

• The display shows the initial programming mode.

— To exit Station Programming mode: Press [PROGRAM] or lift the handset.
— If you wish to change the data, follow the programming procedure explained in this section.

Clearing the data on the Flexible button

— Be sure that you are in the Station Programming mode: Press [PROGRAM] [9] [9].

Press the desired Flexible (CO, DSS, PF) button that you wish to clear.

Dial 2.

Press STORE.

• The STORE indicator lights.
• The display shows the initial programming mode.

— To exit Station Programming mode: Press [PROGRAM] or lift the handset.
— The lists on the following pages are the buttons and programming access numbers used for Station Programming. Detailed operating instructions are explained on each page in this section.
Station Programming [Flexible Button Assignment]

(Station Programming)

1. Direct Station Selection (DSS) Button
2. One-Touch Dialing Button
3. Message Waiting (MESSAGE) Button
4. FWD/DND Button
5. SAVE Button
6. Account Button
70. Conference (CONF) Button
71. Log-In / Log-Out Button
72. Phantom Extension Button
73. Night Button
8. Voice Mail (VM) Transfer Button
90. Two-Way Record Button†
91. Two-Way Transfer Button†
92. Live Call Screening (LCS) Button†
93. Live Call Screening (LCS) Cancel Button†
0. Single-CO (S-CO) Button
*. Loop-CO (L-CO) Button
#. Group-CO (G-CO) Button

CO CO

(Ringing Tone Selection for CO Button)

INT INT

(Ringing Tone Selection for Intercom Calls)

Phantom Phantom

(Phantom Extension Ringing On/Off Set)

Function Function

(Station Speed Dialing Number / Name Assignment)

[KX-T7235/KX-T7431/KX-T7433/KX-T7436 only]

PROGRAM (Exit)

†: Available when the Digital Super Hybrid System is connected to a Digital Proprietary Telephone capable Panasonic Voice Processing System (one that supports digital proprietary telephone integration; e.g. KX-TVS100).
Station Programming [Function Assignment]

1  (Preferred Line Assignment — Outgoing)
2  (Preferred Line Assignment — Incoming)
3  (Full One-Touch Dialing Assignment)
4  (Intercom Alert Assignment)
5  (Call Waiting Tone Type Assignment)
6  (Self-Extension Number Confirmation)
7  (Live Call Screening Mode Set)†
8  (Initial Display Selection)
8  1  (Bilingual Display Selection)
8  2  (Handset / Headset Selection)
9  (Remote Station Lock Control)
   — see "Operator / Manager Service Features" (Section 4.4)
0  1  (Call Log Lock Control, Incoming)
   — see "Operator / Manager Service Features" (Section 4.4)
0  3  (Live Call Screening Password Control)†
   — see "Operator / Manager Service Features" (Section 4.4)
#  (Station Programming Data Default Set)
*  *  (Station Speed Dialing Number / Name Assignment)

†: Available when the Digital Super Hybrid System is connected to a Digital Proprietary Telephone capable Panasonic Voice Processing System (one that supports digital proprietary telephone integration; e.g. KX-TVS100).
2.2 Station Programming

2.2.1 Initial Settings

The original settings are shown in bold letters in the shaded boxes. Find and mark your desired selections for programming.

— Be sure that you are in the Station Programming mode: Press [PROGRAM] [9] [9].

<table>
<thead>
<tr>
<th>Item</th>
<th>Selection</th>
<th>Programming Input</th>
</tr>
</thead>
<tbody>
<tr>
<td>Preferred Line Assignment - Outgoing</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Which line do you prefer to seize when you go off-hook to make calls?</td>
<td></td>
<td></td>
</tr>
<tr>
<td>□ No line</td>
<td></td>
<td>[1] 1</td>
</tr>
<tr>
<td>□ An idle outside line</td>
<td></td>
<td>[1] 2</td>
</tr>
</tbody>
</table>
| □ A pre-assigned outside line              |                    | [1] 3 [Outside line no.]
<p>|                                            |                    | 01-08 (for KX-TD616) |
|                                            |                    | 01-48 (for KX-TD1232) |
| □ The Intercom line                        |                    | [1] INTERCOM      |</p>
<table>
<thead>
<tr>
<th>Item</th>
<th>Selection</th>
<th>Programming Input</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Preferred Line Assignment</strong></td>
<td>□ No line</td>
<td>2 1</td>
</tr>
<tr>
<td><strong>- Incoming</strong></td>
<td>□ A ringing line</td>
<td>2 2</td>
</tr>
<tr>
<td>Which line do you prefer to seize when you go off-hook to receive calls?</td>
<td>□ A pre-assigned outside line</td>
<td>2 3 [Outside line no.] 01–08 (for KX-TD816) 01–48 (for KX-TD1232)</td>
</tr>
<tr>
<td><strong>Full One-Touch Dialing Assignment</strong></td>
<td>□ Going Off-hook and then pressing the One-Touch Dialing button.</td>
<td>3 1</td>
</tr>
<tr>
<td>Which way do you prefer to dial the One-Touch Dialing feature?</td>
<td>□ Pressing the One-Touch Dialing button.</td>
<td>3 2</td>
</tr>
<tr>
<td><strong>Intercom Alert Assignment</strong></td>
<td>□ Ringing</td>
<td>4 1</td>
</tr>
<tr>
<td>Which way do you prefer to receive an intercom call?</td>
<td>□ Directly - the party's voice is heard without ringing.</td>
<td>4 2</td>
</tr>
<tr>
<td><strong>Call Waiting Tone Type Assignment</strong></td>
<td>□ No. Use the same tone. (Call Waiting Tone 1)</td>
<td>5 1</td>
</tr>
<tr>
<td>Do you prefer to distinguish the Call Waiting tone from an outside line and an intercom call?</td>
<td>□ Yes. Use a different tone. (Call Waiting Tone 2)</td>
<td>5 2</td>
</tr>
<tr>
<td><strong>Live Call Screening Mode Set</strong></td>
<td>□ You can monitor the message through the telephone speaker. (Hands-free mode)</td>
<td>7 1</td>
</tr>
<tr>
<td>Which voice mail service do you prefer when a caller is recording a message in your mailbox?</td>
<td>□ Only an alert tone is heard. (Private mode)</td>
<td>7 2</td>
</tr>
<tr>
<td><strong>Initial Display Selection</strong></td>
<td>□ Caller ID</td>
<td>8 1 1</td>
</tr>
<tr>
<td>Which display do you prefer when a call is received?</td>
<td>□ Outside line name</td>
<td>8 1 2</td>
</tr>
<tr>
<td>□ DID extension name</td>
<td></td>
<td>8 1 3</td>
</tr>
<tr>
<td><strong>Bilingual Display Selection</strong></td>
<td>□ English</td>
<td>8 2 1</td>
</tr>
<tr>
<td>Which language display do you prefer?</td>
<td>□ French</td>
<td>8 2 2</td>
</tr>
<tr>
<td><strong>Handset/Headset Selection</strong></td>
<td>□ Handset</td>
<td>9 1</td>
</tr>
<tr>
<td>Which equipment will you use as a receiver?</td>
<td>□ Headset</td>
<td>9 2</td>
</tr>
</tbody>
</table>

— To exit the Station Programming mode: Press [PROGRAM] or lift the handset.
2.2.2 Flexible Button Assignment

— Be sure that you are in the Station Programming mode: Press [PROGRAM] [9] [9].

<table>
<thead>
<tr>
<th>Button</th>
<th>Programmable</th>
<th>Button</th>
<th>Programming Input</th>
</tr>
</thead>
<tbody>
<tr>
<td>Direct Station Selection (DSS)</td>
<td>✓</td>
<td>✓</td>
<td>1 Extension no.</td>
</tr>
<tr>
<td>One-Touch Dialing</td>
<td>✓</td>
<td>✓</td>
<td>2 Desired no. (max. 16 digits)</td>
</tr>
<tr>
<td>MESSAGE</td>
<td>✓</td>
<td>✓</td>
<td>3</td>
</tr>
<tr>
<td>FWD/DND (Forward/Do Not Disturb)</td>
<td>✓</td>
<td>✓</td>
<td>4</td>
</tr>
<tr>
<td>SAVE</td>
<td>✓</td>
<td>✓</td>
<td>5</td>
</tr>
<tr>
<td>Account</td>
<td>✓</td>
<td>✓</td>
<td>6</td>
</tr>
<tr>
<td>CONF (Conference)</td>
<td>✓</td>
<td>✓</td>
<td>7 0</td>
</tr>
<tr>
<td>Log-In/Log-Out</td>
<td>✓</td>
<td></td>
<td>7 1</td>
</tr>
<tr>
<td>Phantom Extension</td>
<td>✓</td>
<td>✓</td>
<td>7 2 Phantom extension no.</td>
</tr>
<tr>
<td>Night</td>
<td>✓</td>
<td></td>
<td>7 3</td>
</tr>
<tr>
<td>Voice Mail Transfer #2</td>
<td>✓</td>
<td>✓</td>
<td>8 Voice mail extension no.</td>
</tr>
<tr>
<td>Two-Way Record #2</td>
<td>✓</td>
<td></td>
<td>9 0 Voice mail extension no.</td>
</tr>
<tr>
<td>Two-Way Transfer #2</td>
<td>✓</td>
<td></td>
<td>9 1 Voice mail extension no.</td>
</tr>
<tr>
<td>Live Call Screening #2</td>
<td>✓</td>
<td></td>
<td>9 2</td>
</tr>
<tr>
<td>Live Call Screening Cancel #2</td>
<td>✓</td>
<td></td>
<td>9 3</td>
</tr>
<tr>
<td>Single-CO</td>
<td>✓</td>
<td></td>
<td>0 Outside line no. 01–08 (for KX-TD816) 01–48 (for KX-TD1232)</td>
</tr>
<tr>
<td>Loop-CO</td>
<td>✓</td>
<td></td>
<td>*</td>
</tr>
<tr>
<td>Group-CO</td>
<td>✓</td>
<td></td>
<td># Outside group no. 1–8</td>
</tr>
</tbody>
</table>

— To exit the Station Programming mode: Press [PROGRAM] or lift the handset.
Conditions

- *1 "X", ",", #", FLASH/RCL, PAUSE, SECRET (INTERCOM) and — (CONF) can also be stored.
  - If you do not want to display the stored number, press the SECRET (INTERCOM) button before and after the numbers you wish to conceal.
  - If you store an external party's number, you should first store a line access number (9, 81 to 88).
  - If you need to enter an account code, you can enter the specified account code before the line access number.

<Example>

<table>
<thead>
<tr>
<th>49</th>
<th>1234</th>
<th>#</th>
<th>9</th>
<th>[SECRET 123 4567]</th>
</tr>
</thead>
<tbody>
<tr>
<td>Account code feature no.</td>
<td>Account code</td>
<td>Account code delimiter</td>
<td>Automatic line access number</td>
<td>Phone number</td>
</tr>
</tbody>
</table>

- *2 This button is used for the voice mail integration feature.
- To exit the mode at any time, lift the handset.
2.2.3 Phantom Extension Ringing On/Off Set

Allows you to assign a ringing On/Off function on a Phantom button (default: On).

— Be sure that you are in the Station Programming mode: Press [PROGRAM] [9] [9].

Press Phantom you wish to turn On/Off the ringing.

Press the same Phantom again.

Dial 1 or 2.
-1: Ring Off
-2: Ring On

The display shows the current status.

The STORE indicator lights.

The display shows the initial programming mode.

— To exit the Station Programming mode: Press [PROGRAM] or lift the handset.
2.2.4 Ringing Tone Selection for CO Buttons

Allows you to assign a ringer frequency to each CO (default: tone type 2).

— Be sure that you are in the Station Programming mode: Press [PROGRAM] [9] [9].

---

- The display shows the current status.

- The display shows the selected tone type number and you hear the selected tone until the STORE button is pressed.

**<PT Display Example>**

```
Tone Type-X
```

(-x: tone type number)

- If you want to change the tone type, enter another tone type number.

---

Press CO button which you wish to change the ringing tone.

Press the same CO button again.

Enter the tone type number (1 through 8).

Press STORE.

The STORE indicator lights.

The display shows the initial programming mode.

---

— To exit the Station Programming mode: Press [PROGRAM] or lift the handset.
2.2.5 Ringing Tone Selection for Intercom Calls

Allows you to assign a ringer frequency for intercom call. (default: tone type 3).

— Be sure that you are in the Station Programming mode: Press [PROGRAM] [9] [9].

<table>
<thead>
<tr>
<th>PT</th>
</tr>
</thead>
<tbody>
<tr>
<td>INTERCOM</td>
</tr>
<tr>
<td>Press INTERCOM.</td>
</tr>
</tbody>
</table>

- The display shows the current status.
- The display shows the selected tone type number and you hear the selected tone until the STORE button is pressed.

<PT Display Example>

Tone Type-X

- If you want to change the tone type, enter another tone type number.

- The STORE indicator lights.
- The display shows the initial programming mode.

— To exit the Station Programming mode: Press [PROGRAM] or lift the handset.
2.2.6 Self-Extension Number Confirmation

Allows you to display your extension port physical number and extension number.

— Be sure that you are in the Station Programming mode: Press [PROGRAM] [9] [9].

Dial 6.

Press HOLD (END).

<PT Display Example>
Jack01<>EXT101

• The display shows the initial programming mode.

extension port
class physical number

— To exit the Station Programming mode: Press [PROGRAM] or lift the handset.
2.2.7 Station Programming Data Default Set

Allows you to return each of the following items assigned by Station Programming to their default settings.

a) Bilingual Display Selection (default: English)

b) Call Waiting Tone Type Assignment (default: Tone 1)

c) Full One-Touch Dialing Assignment (default: on)

d) Handset/Headset Selection (default: Handset)

e) Initial Display Selection (default: Caller ID)

f) Intercom Alert Assignment (default: Ring Call)

g) Live Call Screen Mode Set (default: Hands-free)

h) Preferred Line Preference — Incoming (default: Ringing Line)

i) Preferred Line Preference — Outgoing (default: INTERCOM Line)

— Be sure that you are in the Station Programming mode: Press [PROGRAM] [9] [9].

---

PT

# Dial #.

AUTO DIAL
STORE
Press STORE.

<PT Display Example>

Clear Ready?

• The STORE indicator lights.
• The display shows the initial programming mode.

---

— To exit the Station Programming mode: Press [PROGRAM] or lift the handset.
2.2.8 Station Speed Dialing Number/Name Assignment [KX-T7235/KX-T7431/KX-T7433/KX-T7436 only]

Allows you to assign frequently dialed numbers and names to each Function button on your PT.

For KX-T7235 and KX-T7436 users

To store a number

— Be sure that you are in the Station Programming mode: Press [PROGRAM] [9] [9].

Press Function (F1-F10).

Enter the desired number (extension number, phone number, etc.).

The STORE indicator light turns off.

The display shows the current status.

(If nothing is stored, "Not Stored" is displayed.)

9-123-4567

CLR NEXT

(The STORE indicator light is now programmed.)

Outside number, 123-4567, can be stored.

Up to 16 digits, consisting of 0 through 9, *, #, FLASH, FLASH/RCL, PAUSE, INTERCOM, ("[]" or "[]" : secret) and CONF ("-" : hyphen), can be stored.

To store the telephone number of an outside party, the line access code (9 or 81 through 88) must be stored as the leading digit.

To erase the entry, press the CLR (S2) button.

To store a name, press the NEXT (S3) button and go to step 3 in "To store a name" as described in the following procedure.

— To exit the Station Programming mode: Press [PROGRAM] or lift the handset.
To store a name

— Be sure that you are in the Station Programming mode: Press [PROGRAM] [9] [9].

Press Function (F1-F10).
- The STORE indicator light turns off.
- The display shows the current status.

Press NEXT (S3).
- The display shows the current status.
(If nothing is stored, "Not Stored" is displayed.)

<PT Display Example>

Mike Graham
CLR NEXT

(- Name is now programmed.)

Press STORE.
The STORE indicator lights.
The display shows the initial programming mode.

Refer to the Combination Tables 1 and 2 in 2.2.8 Station Speed Dialing Number/Name Assignment [KX-T7235/KX-T7431/KX-T7433/KX-T7436 only] for information on how to enter each character.

— To exit the Station Programming mode: Press [PROGRAM] or lift the handset.
For KX-T7431 and KX-T7433 users

To store a number

— Be sure that you are in the Station Programming mode: Press [PROGRAM] [9] [9].

<table>
<thead>
<tr>
<th>7431 / 7433</th>
</tr>
</thead>
<tbody>
<tr>
<td>× ×</td>
</tr>
<tr>
<td>Dial × ×.</td>
</tr>
</tbody>
</table>

<PT Display Example>

9-123-4567

(→Outside number. 123-4567, is now programmed.)

- The STORE indicator light turns off.
- The display shows the current status.
- (If nothing is stored, "Not Stored" is displayed.)

- Up to 16 digits, consisting of 0 through 9, ×, #, FLASH, FLASH/RCL, PAUSE, INTERCOM, ("[" or "]": secret) and CONF (-: hyphen), can be stored.
- To store the telephone number of an outside party, the line access code (9 or 81 through 88) must be stored as the leading digit.
- To erase the entry, press the CLR (S2) button or TRANSFER button.
- CLR (S2) button: for KX-T7433 users
- TRANSFER button: for KX-T7431 users
- To store a name, press the NEXT (S3) button (KX-T7433) or MODE button (KX-T7431) and go to step 4 in "To store a name" as described in the following procedure.

— To exit the Station Programming mode: Press [PROGRAM] or lift the handset.
To store a name

— Be sure that you are in the Station Programming mode: Press [PROGRAM] [9] [9].

7431 / 7433

![Diagram of station programming interface]

Dial ××.

Enter a station speed dial number (0 through 9).

The STORE indicator light turns off.

The display shows the current status.

(If nothing is stored: "Not Stored" is displayed.)

Example:

Mike Graham
CLR NEXT

— Name is now programmed.

Enter the desired name.

Press STORE.

The STORE indicator lights.

The display shows the initial programming mode.

Press NEXT (S3) or MODE.

NEXT(S3) button: for KX-T7433 users
— MODE button: for KX-T7431 users

Refer to the Combination Tables 1 and 2 in 2.2.8 Station Speed Dialing Number/Name Assignment [KX-T7235/KX-T7431/KX-T7433/KX-T7436 only.] for information on how to enter each character.

— To exit the Station Programming mode: Press [PROGRAM] or lift the handset.

Combination Table

Each character can be entered by using the dial key pad, various buttons or the Jog Dial for storing names.

Combination Table 1 shows the combination of the keys and the number of times to press the SELECT (AUTO ANSWER/MUTE) button, or the combination of the key and the SHIFT and Soft buttons to enter each character. (The AUTO ANSWER/MUTE button becomes the SELECT button when using the overlay.)

To enter a character, find the key and number of times to press the SELECT button or the corresponding SHIFT and Soft button combination from the table. Press the corresponding key first, then press the SELECT button the required number of times. Or you can use the SHIFT button and a Soft button (S1 through S3) instead of the SELECT button.
Combination Table 2 shows the combination of keys and the number of pulses to move the Jog Dial (click tones) to the right. To enter a character, find the key and number pulses to rotate the Jog Dial. Press the corresponding key first, then rotate the Jog Dial the required number of times. Or, if you keep rotating the Jog Dial after pressing any dialing key, all of the characters in the table will be displayed.

### Combination Table 1

<table>
<thead>
<tr>
<th>SHIFT &amp; Soft Combination</th>
<th>S1</th>
<th>SHIFT + S1</th>
<th>S2</th>
<th>SHIFT + S2</th>
<th>S3</th>
<th>SHIFT+ S3</th>
<th>SHIFT+ SHIFT+ S1</th>
<th>SHIFT+ SHIFT+ S2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pressing SELECT (Times)*</td>
<td>0</td>
<td>1</td>
<td>2</td>
<td>3</td>
<td>4</td>
<td>5</td>
<td>6</td>
<td>7</td>
</tr>
<tr>
<td>Keys</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>1</td>
<td>Q</td>
<td>q</td>
<td>Z</td>
<td>z</td>
<td>!</td>
<td>?</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>2</td>
<td>A</td>
<td>a</td>
<td>B</td>
<td>b</td>
<td>C</td>
<td>c</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>3</td>
<td>D</td>
<td>d</td>
<td>E</td>
<td>e</td>
<td>F</td>
<td>f</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>4</td>
<td>G</td>
<td>g</td>
<td>H</td>
<td>h</td>
<td>I</td>
<td>i</td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>5</td>
<td>J</td>
<td>j</td>
<td>K</td>
<td>k</td>
<td>L</td>
<td>l</td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>6</td>
<td>M</td>
<td>m</td>
<td>N</td>
<td>n</td>
<td>O</td>
<td>o</td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>7</td>
<td>P</td>
<td>p</td>
<td>Q</td>
<td>q</td>
<td>R</td>
<td>r</td>
<td>S</td>
</tr>
<tr>
<td>8</td>
<td>8</td>
<td>T</td>
<td>t</td>
<td>U</td>
<td>u</td>
<td>V</td>
<td>v</td>
<td></td>
</tr>
<tr>
<td>9</td>
<td>9</td>
<td>W</td>
<td>w</td>
<td>X</td>
<td>x</td>
<td>Y</td>
<td>y</td>
<td>Z</td>
</tr>
<tr>
<td>0</td>
<td>0</td>
<td>.</td>
<td>,</td>
<td>'</td>
<td>:</td>
<td>;</td>
<td></td>
<td></td>
</tr>
<tr>
<td>*</td>
<td></td>
<td>/</td>
<td>+</td>
<td>-</td>
<td>=</td>
<td>&lt;</td>
<td>&gt;</td>
<td></td>
</tr>
<tr>
<td>#</td>
<td></td>
<td>$</td>
<td>%</td>
<td>&amp;</td>
<td>@</td>
<td>(</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

*If your telephone is a KX-T7431, do not use the provided SELECT button. Use the AUTO ANSWER / MUTE button which becomes the SELECT button when using the overlay.*
## Combination Table 2

<table>
<thead>
<tr>
<th>Rotating Jog Dial (Pulses)</th>
<th>0</th>
<th>1</th>
<th>2</th>
<th>3</th>
<th>4</th>
<th>5</th>
<th>6</th>
<th>7</th>
<th>8</th>
</tr>
</thead>
<tbody>
<tr>
<td>keys</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>1</td>
<td>Q</td>
<td>q</td>
<td>R</td>
<td>r</td>
<td>S</td>
<td>s</td>
<td>T</td>
<td>t</td>
</tr>
<tr>
<td>2</td>
<td>2</td>
<td>A</td>
<td>a</td>
<td>B</td>
<td>b</td>
<td>C</td>
<td>c</td>
<td>D</td>
<td>d</td>
</tr>
<tr>
<td>3</td>
<td>3</td>
<td>D</td>
<td>d</td>
<td>E</td>
<td>e</td>
<td>F</td>
<td>f</td>
<td>G</td>
<td>g</td>
</tr>
<tr>
<td>4</td>
<td>4</td>
<td>G</td>
<td>g</td>
<td>H</td>
<td>h</td>
<td>I</td>
<td>i</td>
<td>J</td>
<td>j</td>
</tr>
<tr>
<td>5</td>
<td>5</td>
<td>J</td>
<td>j</td>
<td>K</td>
<td>k</td>
<td>L</td>
<td>l</td>
<td>M</td>
<td>m</td>
</tr>
<tr>
<td>6</td>
<td>6</td>
<td>M</td>
<td>m</td>
<td>N</td>
<td>n</td>
<td>O</td>
<td>o</td>
<td>P</td>
<td>p</td>
</tr>
<tr>
<td>7</td>
<td>7</td>
<td>P</td>
<td>p</td>
<td>Q</td>
<td>q</td>
<td>R</td>
<td>r</td>
<td>S</td>
<td>s</td>
</tr>
<tr>
<td>8</td>
<td>8</td>
<td>T</td>
<td>t</td>
<td>U</td>
<td>u</td>
<td>V</td>
<td>v</td>
<td>W</td>
<td>w</td>
</tr>
<tr>
<td>9</td>
<td>9</td>
<td>W</td>
<td>w</td>
<td>X</td>
<td>x</td>
<td>Y</td>
<td>y</td>
<td>Z</td>
<td>z</td>
</tr>
<tr>
<td>0</td>
<td>0</td>
<td>!</td>
<td>?</td>
<td>.</td>
<td>,</td>
<td>'</td>
<td>:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>*</td>
<td>*</td>
<td>/</td>
<td>+</td>
<td>-</td>
<td>=</td>
<td>&lt;</td>
<td>&gt;</td>
<td>#</td>
<td>$</td>
</tr>
<tr>
<td>#</td>
<td>#</td>
<td>$</td>
<td>%</td>
<td>&amp;</td>
<td>@</td>
<td>(</td>
<td>)</td>
<td>A</td>
<td>a</td>
</tr>
</tbody>
</table>

**<Example>**

- Using the SELECT button;
  See Combination Table 1.
  1. Press 6 and then press the SELECT button once to enter "M."
  2. Press 4 and then press the SELECT button six times to enter "i."
  3. Press 5 and then press the SELECT button four times to enter "k."
  4. Press 3 and then press the SELECT button four times to enter "e."

- Using the SHIFT button and a Soft button;
  See Combination Table 1.
  1. Press 6 and then press the S1 button to enter "M."
  2. Press 4 and then press the SHIFT and S3 button to enter "i."
  3. Press 5 and then press the S2 button to enter "k."
  4. Press 3 and then press the S2 button to enter "e."

- Using the Jog Dial (With a KX-T7431 / KX-T7433 / KX-T7436 only)
  See Combination Table 2.
  1. Press 6 and then rotate the Jog Dial one one pulse to enter "M."
  2. Press 4 and then rotate the Jog Dial six one pulse to enter "i."
  3. Press 5 and then rotate the Jog Dial four one pulse to enter "k."
  4. Press 3 and then rotate the Jog Dial four one pulse to enter "e."
OR

1) Press 2 and then rotate the Jog Dial until "M" appears.
2) Press 2 and then rotate the Jog Dial until "I" appears.
3) Press 2 and then rotate the Jog Dial until "K" appears.
4) Press 2 and then rotate the Jog Dial until "E" appears.

Note

- Pressing the SHIFT button alternates between capital and lower case letters. Once this button is pressed, that letter SHIFT mode remains until SHIFT is pressed again.
- To erase the last word (to backspace), press the CONF button.
  (The CONF button becomes the "←" (backspace) key when using the overlay.)
- To erase all of the data, press the CLR (S2) button.
- If you keep rotating the Jog Dial, all of the characters will be displayed in order.
  <Example> If you rotate the Jog Dial after pressing 2, all of the characters will appear in the following order:
  A a B b ... Z z (space) ! ? . , ' ; : * / + - = <> # $ % & @ ( ) A a B b ...

Conditions

- The default is "Not Stored".
- Up to 10 dialing numbers and names can be assigned. Each dialing number has a maximum of 16 digits and each name has a maximum of 10 characters.
Section 3

User Programming
3.1 User Programming Instructions

3.1.1 General Programming Instructions

User Programming allows you, any extension user who knows the User Programming Password, to program the following system features from your telephone individually.

- [000] Date and Time Set
- [001] System Speed Dialing Number Set
- [002] System Speed Dialing Name Set
- [003] Extension Number Set
- [004] Extension Name Set
- [005] Flexible CO Button Assignment
- [006] Operator / Manager Extension Assignment
- [007] DSS Console Port and Paired Telephone Assignment
- [008] Absent Messages
- [009] Quick Dial Number Set
- [012] ISDN Extension Number Set
- [013] ISDN Extension Name Set
- [014] VM Name Set

To program, you need to switch your telephone to the User Programming mode. During the programming mode, your telephone is in a busy condition for outside callers. If you want to make a normal call operation, you must finish the programming mode.

Default Setting

This system has default factory settings. Any required changes can be written in the "Programming Tables."

Required Telephone Set

One of the following Proprietary Telephone (PT) sets with display is required for User Programming:

- Digital Proprietary Telephone (DPTs): KX-T7436, KX-T7433, KX-T7431, KX-T7235, KX-T7230.

Soft Buttons and SHIFT Button on the Display PT

Three soft buttons are provided just below the display of the following Digital Proprietary Telephones (DPTs): KX-T7230, KX-T7235, KX-T7433, KX-T7436. Functions of these Soft buttons vary as the programming procedures advance step by step. Those functions that are currently assigned to the buttons are shown on the lower line of the display. If the SHIFT button indicator is on, two functions are available for each Soft button. To alternate between the two functions, press the SHIFT button on the right side of the display.
Using the Overlay
A programming overlay is packed with the telephone at the factory. This overlay should be used at all times in the programming mode since the functions of the telephone keys change during programming.

Location of Controls with the Overlay
The pictures below show the functions of the buttons of the KX-T7433, KX-T7436, KX-T7230 and KX-T7235 in the programming mode. KX-T7431 is the same as KX-T7433 except for the Soft and SHIFT buttons.
Before entering the user programming mode

Before entering the user programming mode, confirm that:

- Your telephone is on-hook, and
- No calls are on hold at your telephone.

Entering the user programming mode

To enter the User Programming mode:

Press PROGRAM + * + *+ User Programming Password (default: 1234)

- The display shows the Initial Message: USR-PGM NO →

Note

- If nothing is entered within five seconds after the PROGRAM button is pressed, programming mode is canceled.
- During the programming mode, your extension is treated as a busy extension.
- Only one proprietary telephone can be in programming mode at any one time.
- The User Programming Password is not shown on the display for security reason. The password can be changed by System Programming.

Programming Guide References

[120] User Password

In this section, programs [001] through [004] are explained. Please consult with your dealer when you need to change the following programs:

- [005] Flexible CO Button Assignment
- [006] Operator / Manager Extension Assignment
- [007] DSS Console Port and Paired Telephone Assignment
- [008] Absent Messages
- [009] Quick Dial Number Set
- [012] ISDN Extension Number Set
- [013] ISDN Extension Name Set
- [014] VM Name Set
3.1.2 Programming Methods

**Advancing to the next stage**
When "USR-PMG NO?→" is displayed, you can select one of the following:
- To go to program [000], press the NEXT button.
- To go to another program, enter the 3-digit program address.

**Rotation of jack number**
Each jack of the Digital Super Hybrid System supports the connection of a digital proprietary telephone and a single line device with different extension numbers (eXtra Device Port: XDP function). To program this function it is necessary to assign two parts for each jack. The first part of jack one is 01-1. The second part of jack one is 01-2. The first part of jack two is 02-1 and so on. The NEXT and PREV buttons can be used to move from jack to jack as required.

**Example**

<table>
<thead>
<tr>
<th>NEXT</th>
<th>NEXT</th>
<th>NEXT</th>
</tr>
</thead>
<tbody>
<tr>
<td>#01-1</td>
<td>#01-2</td>
<td>#02-1</td>
</tr>
<tr>
<td>PREV</td>
<td>PREV</td>
<td>PREV</td>
</tr>
</tbody>
</table>

**Note**
The first part of a jack is for a DPT of a XDP-assigned jack. The second part is for a single line device. Program [600] EXtra Device Port assigns which jacks are XDP.

**Entering Characters**
You can enter characters to store names for speed dial numbers, extension numbers, etc., by using the dialing key pad and buttons.
Each of the twelve dialing keys on the dialing key pad represents seven characters. Refer to 2.2.8 Station Speed Dialing Number/Name Assignment [KX-T7235/KX-T7431/KX-T7433/KX-T7436 only].

**Storing your data**
Press STORE to store your data.
- The STORE indicator lights red and a confirmation tone sounds.

* **Confirmation tone (one beep)**
After pressing STORE, you will hear a beep. This informs you that storage has been completed successfully.

* **Alarm tone (three beeps)**
If you hear this alarm, your entry is not valid.
Making another selection within the same program address

- To go to the next selection, press NEXT.
- To go to the previous selection, press PREV.
- To make a specific selection, press SELECT and then enter the number.

Accessing another program address

After pressing STORE, you can access another program by one of the following two methods:

a) To go to the next program address:
   - Larger program address
     <KX-T7200 series>
     Press Soft 1 (SKP+) or VOLUME V(DOWN).
     <KX-T7400 series>
     Rotate the Jog Dial counterclockwise.
   - Smaller program address
     <KX-T7200 series>
     Press SHIFT + Soft 1 (SKP-) or VOLUME A(UP).
     <KX-T7400 series>
     Rotate the Jog Dial clockwise.

b) To go to a specific program address:
   Press END, then enter the program address.

Returning to the operation mode

1. Lift the handset while in programming mode.
2. When the Initial Message: USR- PGM NO? → is displayed, press the PROGRAM button.
   (To display the Initial Message, press END.)
3.2 User Programming

3.2.1 [000] Date and Time Set

Notice
It is assumed that you have read Section 3.1 "User Programming Instructions." Soft button usage is explained in that section, therefore no references will be made to them in the following instructions. The soft buttons can be used in place of the overlay keys at any time.

Description
Sets the current date and time.

Selection
- Year: 00 through 99
- Month: Jan. through Dec.
- Day: 1 through 31
- Day of the week: SUN / MON / TUE / WED / THU / FRI / SAT
- Hour: 1 through 12
- Minute: 00 through 59
- AM / PM
- Clock hour: 12 or 24

Default
'93 Jan. 1 FRI 12:00 AM 12
Programming

Display PT

<Date Setting>

0 0 0

Dial 000.

Press NEXT.

 year

Enter the year (last 2 digits).

Press →.

<PT Display>

000 DATE / TIME

<PT Display Example>

'99 Jan. 1 FRI

To change the current entry, press CLEAR and enter the new year.

SELECT

Keep pressing SELECT until the desired month is displayed.

Press →.

day

Enter the day (1 through 31).

Press →.

SELECT

Keep pressing SELECT until the desired day of the week is displayed.

* To change the current entry, press CLEAR and enter the new day.

<Time Setting>

STORE

Press STORE.

NEXT

Press NEXT.

hour

Enter the hour (1 through 12).

Press →.

minute

Enter the minute (00 through 59).

<PT Display Example>

12:00 AM 12

* To change the current entry, press CLEAR and enter the new hour.

*/To change the current entry, press CLEAR and enter the new minute.

NEXT

SELECT

Press →.

Press SELECT for AM or PM.

SELECT

Press →.

Press SELECT for 12 or 24 (clock hour).

STORE

Press STORE.

END

Press END.
3.2 User Programming

Conditions

- After changing an entry, you can press **STORE**. You do not have to perform the rest of the steps.
- To return to the previous field, press ← in steps 4 through 9 and steps 13 through 18.
- If you hear an alarm after pressing **STORE**, check that the date is valid.
- The clock starts immediately after the **STORE** button is pressed.
- You cannot leave an entry empty.

Features Guide References

Display, in Idle
3.2.2 [001] System Speed Dialing Number Set

Description
Used to program the System Speed Dialing numbers. These numbers are available for any extension user in the system.

Selection
- Speed dial numbers: **000 through 499**
- Telephone number: **24 digits (max.)**

Default
All speed dial numbers — Not Stored
Programming

Display PT

0 0 1
Dial 001.

NEXT
Press NEXT.
speed dial no.
Enter a speed dial number (000 through 499).

<PT Display>
001 SYS SPD DIAL
<PT Display>
SPD Code? →

* To enter speed dial number 000, you can also press NEXT.
<PT Display Example>
000: Not Stored

Repeat these steps

<To continue> [When SELECT is pressed]

telephone no.
Enter a telephone number.

STORE
Press STORE.
speed dial no.
Enter the desired speed dial number (000 through 499).

PREV
SELECT
Press NEXT or PREV or SELECT.

<To end:>

END

Press END.

Conditions

- Each speed dial number has a maximum of 24 digits. The valid characters are 0 through 9, *, and # keys, and the FLASH or FLASH/RCL, PAUSE, SECRET and "-" (hyphen) buttons.
  — To store the flash signal, press FLASH or FLASH/RCL.
  Note: The Stored flash will only be effective during an established call.
  — To store a hyphen, press the "-" button.
— To store a pause, press **PAUSE**.
   (Refer to Pulse to Tone Conversion in the Features Guide)
— To store a feature number to convert pulse signals to DTMF (Dual Tone Multi-
   Frequency) signals, press the * and # keys. (Refer to Pulse to Tone Conversion in the
   Features Guide.)
— To prevent displaying of all or part of the number, press **SECRET** before and after the
   secret number, or your entry will not be stored. (Refer to Secret Dialing in the Features
   Guide.)

- If you are storing an external number, enter the line access code (default: 9, 81 through 88)
  before the number. When dialing, a pause is automatically inserted after the code.
- If you are storing an account code, enter the account code before the line access code. (Refer
  to Account Code Entry in the Features Guide)
- It is possible to store a number consisting of 25 digits or more by storing it in two speed dial
  numbers. The line access code should be stored in the first speed dial number.
- To access another speed dial number in step 3 through 6, press **SELECT** and start with step
  3.
- To display parts of the number which have scrolled off the display, press ➞ or ◀.
- Program [002] "System Speed Dialing Name Set" is used to name the speed dial numbers.

**User Manual References**

4.3.77  System Speed Dialing
4.5.7   KX-T7235 Display Features - Call Directory
4.5.10  KX-T7431 / KX-T7433 / KX-T7436 Display Features - Call Directory
3.2.3 [002] System Speed Dialing Name Set

Description
Assigns names to the system speed dial numbers assigned in program [001] "System Speed Dialing Number Set." The KX-T7431, KX-T7433, KX-T7235 and KX-T7436 show the stored name during System Speed Dialing.

Selection
- Speed dial number: **000 through 499**
- Name: **10 characters (max.)**

Default
All speed dial numbers — Not Stored
Programming

Display PT

Dial 002.
Dial 002.

Press NEXT.
Press NEXT.

Enter a speed dial number
(000 through 499).

To enter speed dial number 000, you can also press NEXT.
To enter speed dial number 000, you can also press NEXT.

<PT Display Example>
<PT Display Example>

000: Not Stored
000: Not Stored

Repeat these steps
Repeat these steps

<To continue:>
<To continue:
[When SELECT is pressed]
[When SELECT is pressed]

name
name

Enter a name.
Enter a name.

Press STORE.
Press STORE.

speed dial no.
speed dial no.

To delete the current entry, press CLEAR.
To delete the current entry, press CLEAR.

To change the current entry, press CLEAR
To change the current entry, press CLEAR

and enter the new name.
and enter the new name.

Press NEXT or
Press NEXT or

PREV or SELECT.
PREV or SELECT.

<To end:>
<To end:

END
END

Press END.
Press END.

Conditions

- Speed dial numbers are programmed in program [001] "System Speed Dialing Number Set."
- Each name has a maximum of 10 characters.
- For entering characters, see 2.2.8 Station Speed Dialing Number/Name Assignment [KX-T7235/KX-T7431/KX-T7433/KX-T7436 only].
User Manual References

4.3.77  System Speed Dialing
4.5.7   KX-T7235 Display Features - Call Directory
4.5.10  KX-T7431 / KX-T7433 / KX-T7436 Display Features - Call Directory
3.2.4 [003] Extension Number Set

Description
Assigns an extension number to each extension.

Selection
- Jack number:
  KX-TD816 - 01 through 16 (-1 / -2)
  KX-TD1232 - 01 through 64 (-1 / -2)
  (-1 = first part, -2 = second part)
- Extension Number: 2 through 4 digits

Default
KX-TD816
Jack 01-1 through 16-1 = 101 through 116;
Jack 01-2 through 16-2 = 201 through 216
KX-TD1232
Jack 01-1 through 64-1 = 101 through 164;
Jack 01-2 through 64-2 = 201 through 264
### Programming

**Display PT**

1. **003**
   - **Dial 003.**
2. **NEXT**
   - **Press NEXT.**
3. **Jack no.**
   - **Enter a jack number.**

- **PT Display>**
  - **003 EXT NUMBER**
- **PT Display>**
  - **Jack NO?→**
- **PT Display Example>**
  - **#01-1:EXT101**

- Repeat these steps
  - **To enter jack number 01, you can also press NEXT.**
  - **To select the second part (2), press NEXT after entering the jack number.**

- **To continue:** (When SELECT is pressed)
  - **extension no.**
  - **STORE**
  - **Press STORE.**
  - **Press NEXT or PREV or SELECT.**

- **Jack no.**
  - **Enter the desired jack number.**

- **To change the current entry, press CLEAR.**
- **To delete the current entry, press CLEAR.**
- **Enter the new name.**

- **To end:**
  - **END**
  - **Press END.**

### Conditions

- There is a maximum of 32 extension numbers for KX-TD816, and 128 extension numbers for KX-TD1232. Each extension number can be two, three, or four digits, consisting of 0 through 9. The * and # keys cannot be used.
- For the KX-TD1232, jack numbers 01 through 32 are for the Master System and 33 through 64 are for the Slave, if available.
- An extension number is invalid if the first or second digits do not match with the program [100] "Flexible Numbering, (01)-(16) 1st through 16th hundred extension blocks" setting.
If one digit is assigned as the leading digit, some extensions have two digits and some have three digits. If two digits are assigned, some have three digits and some have four digits.

- Two extension numbers can be assigned per jack. If eXtra Device Port (XDP) is disabled for the jack in program [600] "EXtra Device Port" the extension number of the second part (XX-2) is not available. (XX=jack number)
- For an explanation of jack numbering, see "Rotation of jack number".
- A double entry or incompatible entry is invalid including the program [012] "ISDN Extension Number Set", [118] "Voice Mail Extension Number Assignment", [124] "Phantom Extension Number Assignment" and [813] "Floating Number Assignment."
  Valid entry examples are: 10 and 11; 10 and 110. Invalid entry examples are: 10 and 106; 210 and 21.
- Program [004] "Extension Name Set" is used to name the extension numbers.

User Manual References

4.3.49  Intercom Calling
4.5.7  KX-T7235 Display Features - Call Directory
4.5.10  KX-T7431 / KX-T7433 / KX-T7436 Display Features - Call Directory
3.2.5  [004] Extension Name Set

Description
Assigns names to the extension numbers programmed in program [003] Extension Number Set.

Selection
- Jack number:
  KX-TD816 – 01 through 16 (-1 / -2)
  KX-TD1232 – 01 through 64 (-1 / -2)
  (-1 = first part, -2 = second part)
- Name: **10 characters (max.)**

Default
All extension ports — Not Stored
### Programming

#### Display PT

- **Dial 004.**
- **Press NEXT.**
- **Enter a jack number.**

- **PT Display:** 004 EXT NAME SET
- **PT Display:** Jack NO? →

- **To enter jack number 01, you can also press NEXT.**
- **To select the second part (2), press NEXT after entering the jack number.**

**Example:** #01-1: Not Stored

- **Repeat these steps**

- **To continue:** [When SELECT is pressed]
  - **Press STORE.**
  - **Enter a name.**

  - **To delete the current entry, press CLEAR.**
  - **To change the current entry, press CLEAR and enter the new name.**

- **Press NEXT or PREV or SELECT.**

- **Enter the desired extension number.**

- **<To end:>
  - **Press END.**

#### Conditions

- **There is a maximum of 32 names for KX-TD 816 and 128 names for KX-TD1232. Each name has a maximum of 10 characters.**

- **For entering characters, see Section 2.2.8 Station Speed Dialing Number/Name Assignment [KX-T7235/KX-T7431/KX-T7433/KX-T7436 only].**

- **Program [003] Extension Number Set is used to assign extension numbers.**
3.2 User Programming

- For the KX-TD1232, Jack numbers 01 through 32 are for the Master System and 33 through 64 are for the Slave, if available.
- For an explanation of jack numbering, see "3.1.2 Programming Methods".

User Manual References

4.3.49 Intercom Calling
4.5.7 KX-T7235 Display Features - Call Directory
4.5.10 KX-T7431 / KX-T7433 / KX-T7436 Display Features - Call Directory
Section 4

Station Features and Operation (DPT/SLT)
4.1 Before Operating

4.1.1 Before Operating

What kind of telephone do you use?

In this manual, you will find your way to operate the feature depending on the telephone you use. Please use the proper operation for your telephone.

If you use a Panasonic proprietary telephone which has the special function button and/or the display, you will follow the operation with the button or display for easy access.

- If you use a Panasonic proprietary telephone which does not have the function button, you may change one of the unused buttons to another button. Refer to 2.2 Station Programming.

- A Panasonic proprietary telephone has the Light Emitting Diode (LED) button indicators, so you can see the line conditions by the lighting patterns.

- If "Idle Line Preference — Outgoing," "No Line Preference — Outgoing" or "Prime Line Preference (CO Line) — Outgoing" is assigned on the extension, it is not possible to have access to any DPT features after simply going off-hook. To access DPT features, press the INTERCOM button after going off-hook.

If you use single line devices such as a single line telephone or data terminal, you will follow the steps which enter the feature number.

- If you use a dial pulse (DP) type single line device which does not have the "×" and "#" keys, it is impossible to access features that have "×" or "#" in their feature numbers.

- When the "Pickup Dialing (Hot Line)" feature is set on your telephone, the dialing sequence should be done within a certain period of time (Pickup Dial Waiting Time — default: 1 sec.) after lifting the handset. This time can be changed by System Programming.

If you use a ISDN telephone which are connected to the optional ISDN Line Unit, KX-TD284, can perform features in this section. However, there are some exceptions.
Operation Step Box

In this section, operations for extension users are described using the following Operation Step Box.

Applicable telephone: Both PT and SLT users can follow the operation steps below.

Applicable telephone: KX-T7230, KX-T7235, KX-T7433 and KX-T7436 users can execute not only the button operation but also the display operation below.

<table>
<thead>
<tr>
<th>PT and SLT</th>
<th>7230 / 7235 / 7433 / 7436</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>Wait for an answer and talk.</td>
</tr>
<tr>
<td>Dial 2.</td>
<td></td>
</tr>
</tbody>
</table>

Press BS (81).

Wait for an answer and talk.

Operation steps

Note

- If your telephone is not noted in the operating step box (ex. only "PT" is noted), this means your telephone does not have the ability to execute that feature.
- If your telephone has the ability to perform several operations for one feature, you can select the method according to your needs.
- In this manual, the default feature numbers are used to describe each operation and illustration. Use the new programmed numbers if default feature numbers are changed by System Programming.
- For proprietary telephone operations, all button illustrations are based on the model KX-T7235.

Description of Symbols Used

In this section, many symbols are used. Most symbols do not need a description, but some symbols do. They are as follows.

Lift the handset, or press the SP-PHONE or MONITOR button. (Off-hook)

Replace the handset, or press the SP-PHONE or MONITOR button. (On-hook)
4.1 Before Operating

Flash the switchhook on a single line telephone.

Tones which vary depending on the condition (Refer to 6.1.3 Tone List).
4.2 Basic Operations

4.2.1 Making Calls

**Intercom Calling**

You can make a call to another extension.

**Outward Dialing**

You can make a call to an outside party using one of the following line access methods.

a) Line Access, Automatic (default: 9)
b) Line Access, Individual (default: 81 through 88)
c) Line Access, Outside Line Group (CO button)
Conditions

<PT>

- There are four types of Line Preference for outgoing calls (— Idle Line/No Line/Prime Line/Prime INTERCOM Line). Each preference can be selected by Station or System Programming.
- With the KX-T7431, KX-T7433, KX-T7436 or KX-T7235, you can execute the "Intercom Calling" feature to extensions by using the "Extension Dialing" display feature.
- Helpful hints for the Handsfree (speakerphone) operation are noted in the "Handsfree Operation" feature.

User Manual References

2.2.1 Initial Settings
4.3.48 Hands-free Operation [PT only]
4.3.49 Intercom Calling
4.3.61 Outward Dialing, Line Access — SUMMARY
4.5.7 KX-T7235 Display Features - Call Directory
4.5.10 KX-T7431 / KX-T7433 / KX-T7436 Display Features - Call Directory
4.2.2 Receiving Calls

**Any Telephone**

Lift the handset or press SP-PHONE.

**PT**

Press a rapid flashing CO or INTERCOM.

- The CO or INTERCOM indicator light turns steady green.

**Conditions**

<PT>

- There are three types of Line Preference for incoming calls (— No Line/Prime Outside Line/Ringing Line). Each preference can be selected by Station Programming.
- Helpful hints for the Handsfree (speakerphone) operation are noted in the "Handsfree Operation" feature.

**Programming Guide References**

[400] Outside Line Connection Assignment
[603-604] DIL 1:N Extension and Delayed Ringing —— Day / Night

**User Manual References**

2.2.1 Initial Settings
4.3.4 Answering, Direct Outside Line [PT only]
4.3.48 Hands-free Operation [PT only]
4.3 Station Features and Operation

4.3.1 Absent Message Capability

You can select one of nine pre-programmed Absent Messages (1-9) for your extension. The display PT users calling your extension see the message you select. Absent messages are used to inform the party calling to your extension of the reason for your absence. By default, Messages No. 1-6 are provided with default messages and the other three messages are left blank.
### Any Telephone

Lift the handset or press SP-PHONE/MONITOR.  
Dial 750.  
Dial message number.  
(1 through 9)  
Dial parameters if required  
Confirmation tone and dial tone  
Hang up or press SP-PHONE/MONITOR.

<table>
<thead>
<tr>
<th>DISPLAY MESSAGE</th>
<th>MESSAGE NO.</th>
<th>PARAMETER</th>
</tr>
</thead>
<tbody>
<tr>
<td>Will Return Soon</td>
<td>1</td>
<td>None</td>
</tr>
<tr>
<td>Gone Home</td>
<td>2</td>
<td>None</td>
</tr>
<tr>
<td>At Ext %%%</td>
<td>3</td>
<td>extension no.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Dial extension number.</td>
</tr>
<tr>
<td>Back at %:%(time)</td>
<td>4</td>
<td>hour minute</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Enter hour (00 through 23) and minute (00 through 59).</td>
</tr>
<tr>
<td>Out Until %/%(month/day)</td>
<td>5</td>
<td>month day</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Enter month (01 through 12) and day (01 through 31).</td>
</tr>
<tr>
<td>In a Meeting</td>
<td>6</td>
<td>None</td>
</tr>
<tr>
<td>(Programmable)</td>
<td>7</td>
<td></td>
</tr>
<tr>
<td>(Programmable)</td>
<td>8</td>
<td></td>
</tr>
<tr>
<td>(Programmable)</td>
<td>9</td>
<td></td>
</tr>
</tbody>
</table>

**Note**

Enter the desired value in the "%" space. You must make an entry in all of the %s using 0 through 9, "#" or "×."
Canceling the absent message

Any Telephone

Lift the handset or press SP-PHONE/MONITOR.

Dial 7500.

Confirmation tone and dial tone

Hang up or press SP-PHONE/MONITOR.

<PT Display Example>

Message Cancel

Conditions

- All nine messages can be programmed either by User or System Programming.

<display PT>

- The message you select is shown on the display of your PT whenever you go off-hook.
- Regarding Message 3;
  a) If the extension number you want to enter has more than the number of "%" characters, refer to System Programming to change the setting.
  b) If the extension number you want to enter has less than the number of "%" characters, fill the remaining "%" characters with "#" or "\*".
- With the KX-T7431, KX-T7433, KX-T7436 or KX-T7235, you can execute this feature using the display operation.

Programming Guide References

[008] Absent Messages

User Manual References

4.5.8  KX-T7235 Display Features - System Feature Access Menu
4.5.11 KX-T7431 / KX-T7433 / KX-T7436 Display Features - System Feature Access Menu
4.3.2 Account Code Entry

An Account Code is used to identify outside calls for accounting and billing purposes. The account code is appended to the "Station Message Detail Recording (SMDR)" call record. For incoming outside calls, account code are not required. For outgoing outside calls, you may be required to enter an account code.

Your Account Code Entry mode is set to one of the following three modes by System Programming.

In "Verified - All Calls" mode

- You must always enter a system-registered account code to make an outside call.

In "Verified - Toll Restriction Override" mode

- You can override the Toll Restriction imposed on your extension by entering a system-registered account code before making an outside call (Toll Restriction Override by Account Code Entry).

In "Option" mode

- You may enter any account code.

One mode is selected for each extension on a "Class of Service" basis.

* Class of Service (COS) is used to define the features which are allowed for a group of extensions. For more details, please consult with your dealer.
4.3 Station Features and Operation

Entering account codes before dialing

**7230 / 7235 / 7433 / 7436**

1. Off-hook. Press ACCNT (S3).
2. Dial tone 3* Enter an account code (10 digits max., 0...9).
3. Dial #. Confirmation tone and dial tone

**<PT Display Example>**

Enter ACCNT Code

- You may dial 99 instead of "#".

*One of the dial tones. Refer to the "Tone List" in the Appendix.

---

Any Telephone

1. Lift the handset or press SP-PHONE/MONITOR.
   1. For PT: Press Account (flexible button).
   2. For others: Dial 49.
2. Dial tone 3* Enter an account code (10 digits max., 0...9).
3. Dial #.

**<PT Display Example>**

Press CO or enter a line access code (9 or 81 through 88).

- If you dial a feature number, you hear no tone.
- You may dial 99 instead of "#".

*One of the dial tones. Refer to the "Tone List" in the Appendix.
### Entering account codes during or after a conversation

During a conversation or within 15 seconds after the other party hangs up:

<table>
<thead>
<tr>
<th>7230 / 7235 / 7433 / 7436</th>
<th>PT</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>S1</strong></td>
<td><strong>S2</strong></td>
</tr>
<tr>
<td>Press <strong>ACCNT</strong> (S3).</td>
<td>Enter <strong>account code</strong> (10 digits max., 0...9).</td>
</tr>
<tr>
<td><em>You can keep talking.</em></td>
<td><em>You may dial 99 instead of &quot;#&quot;.</em></td>
</tr>
<tr>
<td>Press <strong>Account</strong> (flexible button).</td>
<td>Enter an <strong>account code</strong> (10 digits max., 0...9).</td>
</tr>
<tr>
<td><em>The corresponding indicator light turns on.</em></td>
<td><em>You may dial 99 instead of &quot;#&quot;.</em></td>
</tr>
</tbody>
</table>

### Conditions

- In Verified - All Calls mode, you must always enter a pre-assigned account code when making any of the following calls unless it has previously been stored in memory.  
  a) Call Forwarding — to Outside Line  
  b) Manual Dialing (Selecting an outside line)  
  c) One-Touch Dialing  
  d) Pickup Dialing (Hot Line)  
  e) Redial, Last Number  
  f) Redial, Saved Number (PT only)  
  g) Station Speed Dialing  
  h) System Speed Dialing  
- In Option mode, it is possible to record a calling or called party's account code in the SMDR, during a conversation or within fifteen seconds after the other party hangs up.  
- There is no need for an account code entry when receiving incoming calls.  
- If you use an account code which is for a private call, the phone number of the destination is not recorded on SMDR.  
- To clear and re-enter the account code, press "*".  
- An account code can be up to 10 numeric digits (0 through 9). FLASH, PAUSE, etc. are not allowed. After entering an account code, the delimiter "#" or "99" must be entered.  

### Memory Dialing

An account code can be stored into Memory Dialing ("One-Touch Dialing," "System / Station Speed Dialing"). The sequence to enter an account code into Memory Dialing is:  
- [Feature Number] [Account Code] [#] [Line Access Code] [Phone Number]  
  or  
- [Feature Number] [Account Code] [99] [Line Access Code] [Phone Number]
<PT>
  • Pressing the Account button (flexible button) while entering an account code cancels the entry.
  • If an entered account code does not match the pre-assigned account code, in the verified-all calls mode or the verified-toll restriction override mode:
    a) When making an outside call, a reorder tone is returned.
    b) During a conversation, the code entry is accepted and the call is maintained (= Option mode).
    c) After a CPC signal\(^\d\) has been detected, the code entry is accepted (= Option mode).
  • Account button
    The Account button can be used instead of dialing the feature number. It can be assigned to a flexible (CO, DSS, PF) button by Station, User or System Programming.
<SLT>
  • You cannot enter an account code during a call or while hearing a reorder tone.
  • Flashing the hookswitch while entering an account code cancels the entry.

Programming Guide References
[105] Account Codes
[508] Account Code Entry Mode
[601] Class of Service

Features Guide References
Station Message Detail Recording (SMDR)

User Manual References
2.2.2 Flexible Button Assignment
4.3.80 Toll Restriction Override by Account Code Entry

\(^\d\) A Calling Party Control (CPC) signal is an on-hook indication sent from a CO line when the other end hangs up. You hear a reorder tone when the signal is detected.
4.3.3 Alternate Calling — Ring / Voice

You can voice-announce your intercom call or have the called extension ring. When you make an intercom call by voice-announcement, the other party hears your voice over the built-in speaker of PT and can speak in the hands-free mode.

**Alternating (to Voice-Calling mode)**

If the extension you are calling is in Ring-Calling mode, you hear a ringback tone.

Press Voice (S3).

- Voice-Calling mode is established.

**Any Telephone**

If the extension you are calling is in Ring-Calling mode, you hear a ringback mode.

Dial \( \times \).

- Voice-Calling mode is established.

**Alternating (to Ring-Calling mode)**

If the extension you are calling is in Voice-Calling mode, you hear a confirmation tone.

Press Tone (S2).

- Ring-Calling mode is established.
4.3 Station Features and Operation

Alternating (to Ring-Calling mode)

Any Telephone

* If the extension you are calling is in Voice-Calling mode, you hear a confirmation.

Dial *. Ringback tone

* Ring-Calling mode is established

Conditions

- **Voice-signaling is not available in the following cases:**
  - if the other extension is an SLT.
  - if the other extension is busy on another call.
  - if another call is ringing on the other extension.

- **One time switching**
  You can switch the desired calling mode only once during a call.

- If the party you are calling is using a single line telephone (SLT), only Ring-Calling mode is available.

<PT>

- **Mode Selection**
  You can select either to be ring-signaled or voice-signaled by Station Programming (Intercom Alert Assignment).
  The default is Ring-Calling mode.

User Manual References

2.2.1 Initial Settings
4.3.47 Hands-free Answerback [PT only]
4.3.49 Intercom Calling
4.3.4 Answering, Direct Outside Line [PT only]

You can answer an outside call by pressing a flashing a CO button directly. You do not have to lift the handset or press the SP-PHONE/MONITOR button.

To answer an incoming outside call

Press CO which is flashing green or red rapidly.

- The indicator light turns green and a hands-free conversation is established.

Conditions

- You can choose the desired line to answer when more than one call is ringing on your PT by this feature.
- There are three types of CO buttons: Group-CO (G-CO) button, Loop-CO (L-CO) button and Single-CO (S-CO) button. These can be assigned to flexible CO buttons by Station, User or System Programming.

User Manual References

2.2.1 Initial Settings
2.2.2 Flexible Button Assignment
4.3.48 Hands-free Operation [PT only]
4.3.5 Automatic Callback Busy (Camp-On)

Allows you to set to receive callback ringing when the dialed line becomes idle. When you answer the callback ringing;

For an extension: The called extension starts ringing without dialing.
For an outside line: The line is sized.

Setting

7230 / 7235 / 7433 / 7436

If you hear a busy tone after making a call (intercom or outside):

Press C. BCK (S3). Confirmation tone and reorder tone Hang up or press SP-PHONE. Wait for the Camp-On recall.

PT and SLT

If you hear a busy tone after making a call (intercom or outside):


<PT Display Example>

Callback Ext:xxxx

extension number
Answering an intercom recall

**PT and SLT**

*If you hear the telephone ringing:*

Lift the handset or press SP-PHONE/MONITOR.

**<PT Display Example>**

<table>
<thead>
<tr>
<th>xxxx: Free</th>
</tr>
</thead>
<tbody>
<tr>
<td>extension number</td>
</tr>
</tbody>
</table>

*You hear a ringback tone and the other extension begins to ring automatically.*

---

Answering an outside line recall

**PT and SLT**

*If you hear the telephone ringing:*

Lift the handset or press SP-PHONE/MONITOR.  
Dial tone.  
Dial the phone number.

**<PT Display Example>**

<table>
<thead>
<tr>
<th>COXX: Free</th>
</tr>
</thead>
<tbody>
<tr>
<td>outside line number</td>
</tr>
</tbody>
</table>

---

Canceling

**PT and SLT**

Lift the handset or press SP-PHONE/MONITOR.  
Dial 46.  
Confirmation tone and dial tone.  
Hang up or press SP-PHONE/MONITOR.
4.3 Station Features and Operation

Conditions

- If you do not answer the recall ringing within 10 seconds (four callback ring signals), this feature will be automatically canceled.
- If the called party becomes busy again after the callback ringing starts, the ringing stops but this feature will be executed again when the extension becomes free.
- With the KX-T7431, KX-T7433, KX-T7436 or KX-T7235, you can set and cancel this feature using the display operation.

<ISDN Telephone>

- This feature is not available for ISDN telephones.

User Manual References

4.5.8  KX-T7235 Display Features - System Feature Access Menu
4.5.11 KX-T7431 / KX-T7433 / KX-T7436 Display Features - System Feature Access Menu
4.3.6 Background Music (BGM) [PT only]

You can hear background music through the built-in speaker of your PT. An external music source, such as a radio, must be connected. The music stops whenever a call comes in or when you go off-hook.

Setting / Canceling

7230 / 7235 / 7433 / 7436

When the handset is on the cradle and the SP-PHONE button is off:

Press BGM (S3).

* To turn off the BGM, press this button again.

PT

When the handset is on the cradle and the SP-PHONE/MONITOR button is off:

1

Dial 1.

* The display shows either one of the following for five seconds depending on whether BGM is on or off:

<PT Display Example>

BGM On or BGM Off

Conditions

- Turning on/off
  You can turn on/off the BGM only when your PT is not in use.

Programming Guide References

[803] Music Source Use
[990] System Additional Information
4.3.7 Busy Station Signaling (BSS)

You can prompt a busy extension (ringing or during a call) to answer your call. The other extension hears three beeps and knows that you are waiting.

**7230 / 7235 / 7433 / 7436**

*If you hear a busy tone after making an intercom call;*

- Press BSS (S1).
- Wait for an answer and talk.

**PT and SLT**

*If you hear a busy tone after making an intercom call;*

- Dial 1.
- Wait for an answer and talk.

**Conditions**

- **BSS / OHCA / Whisper OHCA**
  If an extension user dials "1" while hearing a busy tone, BSS or OHCA or Whisper OHCA may be activated at the called extension.
  This is determined by the following conditions.

<table>
<thead>
<tr>
<th>Calling extension</th>
<th>Called extension</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>COS-OHCA</strong></td>
<td><strong>Call Waiting setting</strong></td>
</tr>
<tr>
<td>assignment</td>
<td>OFF</td>
</tr>
<tr>
<td></td>
<td>0</td>
</tr>
<tr>
<td><strong>Disable</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Enable</strong></td>
<td></td>
</tr>
</tbody>
</table>
OHCA (Off-Hook Call Announcement) is activated when the called extension is KX-T7235 or KX-T7436.
Whisper OHCA is activated when both calling and called extensions are using one of the KX-T7400 series PT.

- To answer the signal from the calling extension, see 4.3.27 Call Waiting.
- If "BSS" is not displayed or you hear a reorder tone when you set this feature, this feature will not be set at the called party. This feature is only available if the called extension has set the "Call Waiting" feature.
- Only the extensions which have enabled "Call Waiting" can receive Call Waiting tones.
- Depending on the party's telephone, the "Off-Hook Call Announcement (OHCA)" or "Whisper OHCA" function can be applied. You can talk to the party through the speaker and the microphone while the party is having another conversation using the handset.

<ISDN Telephone>
- This feature is not available for ISDN telephones.

User Manual References
4.3.27 Call Waiting
4.3.56 Off-Hook Call Announcement (OHCA)
4.3.57 Off-Hook Call Announcement (OHCA) —Whisper [PT only]
4.3.8 Call Forwarding — SUMMARY

Automatically transfers incoming calls to another extension or to an external destination. The following types are available:

<table>
<thead>
<tr>
<th>Type</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Call Forwarding</td>
<td>All incoming calls are forwarded to another extension.</td>
</tr>
<tr>
<td>— All Calls</td>
<td></td>
</tr>
<tr>
<td>Call Forwarding</td>
<td>All incoming calls are forwarded to another extension when your extension is busy.</td>
</tr>
<tr>
<td>— Busy</td>
<td></td>
</tr>
<tr>
<td>Call Forwarding</td>
<td>All incoming calls are forwarded to another extension when you do not answer the call.</td>
</tr>
<tr>
<td>— No Answer</td>
<td></td>
</tr>
<tr>
<td>Call Forwarding</td>
<td>All incoming calls are forwarded to another extension when you do not answer or when your extension is busy.</td>
</tr>
<tr>
<td>— Busy/No Answer</td>
<td></td>
</tr>
<tr>
<td>Call Forwarding</td>
<td>All incoming calls are forwarded to an outside line.</td>
</tr>
<tr>
<td>— to Outside Line</td>
<td></td>
</tr>
<tr>
<td>Call Forwarding</td>
<td>Allows you to set the &quot;Call Forwarding — All Calls&quot; feature from another extension.</td>
</tr>
<tr>
<td>— Follow Me</td>
<td></td>
</tr>
</tbody>
</table>

**Note**
You can also set Voice Mail as the forwarding destination. Refer to 4.3.85 Voice Mail Integration.

**Conditions**

- To cancel Call Forwarding features, refer to 4.3.15 Call Forwarding — CANCEL.
- **Forwarded call is not forwarded furthermore**
  Call Forwarding can only be extended to one target telephone. For example, extension A is forwarded to extension B, and extension B is forwarded to extension C. A call to extension A is forwarded to extension B, but the call would not be forwarded to extension C. Consequently, extension B is treated as the final destination of Call Forwarding.

- Setting a new "Call Forwarding" function (All Calls, Busy, Busy/No Answer, etc.) cancels any other "Call Forwarding" functions.
- **Floating Station**
  A floating station such as a DISA (Direct Inward System Access), MODEM or external pager cannot be programmed as a forwarding destination.
• Two extensions can set each other as the destination extension. In this case, an intercom call to the other party while he/she is absent will not be forwarded back to the original extension.

• **Confirmation tone**
  Confirmation tone 2 (two beeps) is sent when the previously programmed data is same as the new data. If it is not, confirmation tone 1 (one beep) is sent. Refer to the "Tone List" in the Appendix.

• You can call the original extension from the Call Forwarding destination extension. (Boss Secretary)

<PT>
• Both the Call Forwarding and Do Not Disturb (DND) functions can be programmed at the same time, but either one of them can be activated at a time.

• You can enable or disable the Call Forwarding or Do Not Disturb (DND) function by pressing the FWD/DND button while on-hook. If you set both Call Forwarding and DND, alternating the mode is also available by pressing the FWD/DND button. In this case, pressing the button changes the setting as follows:

  DND → FWD → OFF

  The lighting patterns of the FWD/DND button are as follows:
  Off: Both functions are canceled.
  Red on : DND mode
  Red flash : FWD mode

• With the KX-T7436 and KX-T7235, you can set or cancel the Call Forwarding features using the display operation.

<7250>
• **FWD/DND button**
  A flexible button on the KX-T7250 (no FWD/DND button provided) can be assigned to a flexible (CO, DSS, PF) button by Station, User or System Programming.

<ISDN Telephone>
• This feature is not available for ISDN telephones.

**User Manual References**

2.2.2  Flexible Button Assignment
4.3.15  Call Forwarding — CANCEL
4.3.34  Do Not Disturb (DND)
4.3.85  Voice Mail Integration
4.5.2  Call Forwarding / Do Not Disturb (KX-T7436 / KX-T7235 only)

*1 This setting can changed by System Programming.
4.3.9 Call Forwarding — All Calls

All of calls coming to your extension are forwarded to the pre-assigned extension automatically.

Setting

7235 / 7436

Lift the handset or press SP-PHONE.

Press FWD/DND. Press FWD-All Calls (F3). Enter the destination extension number. Confirmation tone and dial tone

Hang up or press SP-PHONE.

<PT Display Example>

FWD (All) Extxxxx

extension number where the call is to be forwarded

* The FWD/DND indicator light flashes red slowly.

PT and SLT

Lift the handset or press SP-PHONE/MONITOR.

For PT: Press FWD/DND.
For SLT, PT: Dial 710.

Dial 2. Enter the destination extension number. Confirmation tone and dial tone

Hang up or press SP-PHONE/MONITOR.

<PT Display Example>

FWD (All) Extxxxx

extension number where the call is to be forwarded

* The FWD/DND indicator light flashes red slowly.

• You may press the flexible button assigned as the FWD/DND button instead.
4.3.10 Call Forwarding — Busy

You can forward calls to another extension when your extension is busy.

**Setting**

<table>
<thead>
<tr>
<th>7235 / 7436</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image1" alt="Diagram" /></td>
</tr>
<tr>
<td>Lift the handset or press SP-PHONE.</td>
</tr>
<tr>
<td>Press FWD/DND.</td>
</tr>
<tr>
<td>Press FWD-Busy (F4).</td>
</tr>
<tr>
<td>Enter the destination extension number.</td>
</tr>
<tr>
<td>Confirmation tone and dial tone</td>
</tr>
<tr>
<td><img src="image2" alt="Diagram" /></td>
</tr>
<tr>
<td>Hang up or press SP-PHONE.</td>
</tr>
</tbody>
</table>

**PT and SLT**

| ![Diagram](image3) |
| Lift the handset or press SP-PHONE/MONITOR. |
| For PT: Press FWD/DND. |
| For SLT, PT: Dial 710. |
| Dial 3. |
| Enter the destination extension number. |
| Confirmation tone and dial tone |
| ![Diagram](image4) |
| Hang up or press SP-PHONE/MONITOR. |

* You may press the flexible button assigned as the FWD/DND button instead.

**<PT Display Example>**

FWD (BSY) Extxxxxx

extension number where the call is to be forwarded

* The FWD/DND indicator light flashes red slowly.

**<PT Display Example>**

FWD (BSY) Extxxxxx

extension number where the call is to be forwarded

* The FWD/DND indicator light flashes red slowly.
4.3.11 Call Forwarding — No Answer

Your calls are forwarded to another extension when you do not answer the call within a predetermined time.

**Setting**

**7235 / 7436**

Lift the handset or press SP-PHONE.

Press FWD/DND.

Press FWD-No Answer (F5).

Enter the destination extension number.

Confirmation tone and dial tone

Hang up or press SP-PHONE.

**PT Display Example**

FWD (NA) Extxxxx

extension number where the call is to be forwarded

* The FWD/DND indicator light flashes red slowly.

**PT and SLT**

Lift the handset or press SP-PHONE/MONITOR.

For PT: Press FWD/DND.

For SLT, PT: Dial 710.

For PT

For SLT, PT

Dial 4.

Enter the destination extension number.

Confirmation tone and dial tone

Hang up or press SP-PHONE/MONITOR.

* You may press the flexible button assigned as the FWD/DND button instead.

**PT Display Example**

FWD (NA) Extxxxx

extension number where the call is to be forwarded

* The FWD/DND indicator light flashes red slowly.
4.3 Station Features and Operation

Conditions

- The number of rings before a call is forwarded can be changed for each extension (except ISDN extensions / T1 extensions) with program "[619] Extension Call Forwarding — No Answer Time." If "[619] Extension Call Forwarding — No Answer Time" is not set, program "[202] Call Forwarding — No Answer Time" will be used.

Programming Guide References

[202] Call Forwarding — No Answer Time
[619] Extension Call Forwarding — No Answer Time
4.3.12 Call Forwarding — Busy / No Answer

You can forward your calls to another extension when your extension is busy or you do not answer the call within a pre-determined time.

Setting

Lift the handset or press SP-PHONE.
Press FWD/DND.
Press NEXT (S3).
Press FWD-BSY/NA (F1).

Enter the destination extension number.
Confirmation tone and dial tone
Hang up or press SP-PHONE.

<PT Display Example>
FWD (B/NA) Extxxxx

- The FWD/DND indicator light flashes red slowly.
PT and SLT

Lift the handset or press SP-PHONE/MONITOR.

For PT: Press FWD/DND. For SLT, PT: Dial 710.

Dial 5. Enter the destination extension number. Confirmation tone and dial tone

You may press the flexible button assigned as the FWD/DND button instead.

Hang up or press SP-PHONE/MONITOR.

<PT Display Example>

FWD (B/NA) Ext:xxxxx

extension number where the call is to be forwarded

The FWD/DND indicator light flashes red slowly

Conditions

- The number of rings before a call is forwarded can be changed for each extension (except ISDN extensions / T1 extensions) with program "[619] Extension Call Forwarding — No Answer Time." If "[619] Extension Call Forwarding — No Answer Time" is not set, program "[202] Call Forwarding — No Answer Time" will be used.

Programming Guide References

[202] Call Forwarding — No Answer Time
[619] Extension Call Forwarding — No Answer Time
4.3.13 Call Forwarding — to Outside Line

You can forward all incoming calls to your extension to an outside party via a CO or TIE line. The telephone number of the outside party must be pre-programmed.

### 7235 / 7436

Lift the handset or press SP-PHONE.

Press FWD/DND.

Press NEXT (S2).

Press FWD-CO Line (F2).

Enter a line access code (9 or 81 through 88).

Dial the phone number.

Dial #.

Confirmation tone and dial tone

Hang up or press SP-PHONE.

**<PT Display Example>**

- When you dial "1234567":
  
  FWD (CO) 91234567

- The FWD/DND indicator light flashes red slowly.

### PT and SLT

Lift the handset or press SP-PHONE/MONITOR.

For PT: Press FWD/DND.

For SLT: Dial 710.

Dial 6.

Enter a line access code (9 or 81 through 88).

Dial the phone number.

Dial #.

Confirmation tone and dial tone

Hang up or press SP-PHONE/MONITOR.

**<PT Display Example>**

- When you dial "1234567":
  
  FWD (CO) 91234567

- The FWD/DND indicator light flashes red slowly.
Conditions

- Up to 16 digits (including a line access code) can be programmed.
- Class of Service
  Class of Service programming determines the extensions that can perform this feature.
- Outside-to-Outside Line Call
  If an incoming outside call is forwarded to an outside line, the "Outside-to-Outside Line Call Duration Time" is applied to the call and the line will be disconnected when it expires (default: 10 min.).

Programming Guide References

[206] Outside-to-Outside Line Call Duration Time
[504] Call Forwarding to Outside Line
[601] Class of Service
4.3.14 Call Forwarding — Follow Me

You can set the "Call Forwarding" feature from the destination extension. This is useful if you forget to set "Call Forwarding — All Calls" before you leave your desk.

Setting

**7235 / 7436**

*At the destination extension:*

- Lift the handset or press SP-PHONE.
- Press FWD/DND.
- Press NEXT (S3).
- Press FWD-From (F3).

Dial your extension number.

Confirmation tone and dial tone

Hang up or press SP-PHONE.

*PT Display Example*

```
FWD (From) Extxxxx
```

your extension number

*The FWD/DND indicator light flashes red slowly at your extension.*
PT and SLT

At the destination extension;

Lift the handset or press SP-PHONE/MONITOR.

For PT: Press FWD/DND.
For SLT, PT: Dial 710.

Dial 7.
Dial your extension number.

Confirmation tone and dial tone

- You may press the flexible button assigned as the FWD/DND button instead.

Hang up or press SP-PHONE/MONITOR.

<PT Display Example>
FWD (From) Extxxxx

- The FWD/DND indicator light flashes red slowly at your extension.

Conditions
- This feature can be canceled either at your own extension or at the destination extension.
- Class of service
  Class of service programming determines the extensions that can perform this feature.

Programming Guide References
[991] COS Additional Information
4.3.15 Call Forwarding — CANCEL

There are two canceling methods for "Call Forwarding." The canceling method depends on the Call Forwarding type that is assigned.

Canceling Call Forwarding at your (original) extension

7235 / 7436

Lift the handset or press SP-PHONE.
Press FWD/DND.
Press FWD/DND Cancel (F1).
Confirmation tone and dial tone

Hang up or press SP-PHONE.

<PT Display Example>
FWD/DND Cancel
• The FWD/DND indicator light turns off.

PT and SLT

Lift the handset or press SP-PHONE/MONITOR.
For PT: Press FWD/DND.
For SLT, PT: Dial 710.
Dial 0.
Confirmation tone and dial tone
Hang up or press SP-PHONE/MONITOR.

• You may press the flexible button assigned as the FWD/DND button instead.

<PT Display Example>
FWD/DND Cancel
• The FWD/DND indicator light turns off.
4.3 Station Features and Operation

Canceling Call Forwarding at the destination extension — "Follow Me (All Calls)" only

### 7235 / 7436

- Lift the handset or press SP-PHONE.
- Press FWD/DND.
- Press NEXT (S3).
- Press FWD-From Cancel (F4).
- Dial your extension number.

**<PT Display Example>**

```
FWD Cancel Exxxx
```

* The FWD/DND indicator light on your own extension turns off.

- Confirmation tone and dial tone
- Hang up or press SP-PHONE.

### PT and SLT

- Lift the handset or press SP-PHONE/MONITOR.
- For PT: Press FWD/DND.
- For SLT, PT: Dial 710.
- Dial 8.
- Dial your extension number.
- Confirmation tone and dial tone

**<PT Display Example>**

```
FWD Cancel Exxxx
```

* The FWD/DND indicator light on your own extension turns off.

- Hang up or press SP-PHONE/MONITOR.

* You may press the flexible button assigned as the FWD/DND button instead.
4.3.16 Call Hold

Allows you to place an intercom or outside call on hold. While the call is on hold, you can make and receive other calls.

To place a call on hold

<table>
<thead>
<tr>
<th>PT</th>
<th>SLT</th>
</tr>
</thead>
<tbody>
<tr>
<td>During a conversation;</td>
<td>During a conversation;</td>
</tr>
<tr>
<td>Press HOLD.</td>
<td>Flash the hookswitch.</td>
</tr>
<tr>
<td>Confirmation tone and dial tone</td>
<td>Dial 50.</td>
</tr>
</tbody>
</table>

* You may replace the handset.
* The corresponding CO or INTERCOM indicator light flashes green slowly.

Retrieving a call on hold

<table>
<thead>
<tr>
<th>PT</th>
<th>SLT</th>
</tr>
</thead>
<tbody>
<tr>
<td>At the holding extension;</td>
<td>At the holding extension;</td>
</tr>
<tr>
<td>Press CO or INTERCOM which is flashing green slowly.</td>
<td>Lift the handset.</td>
</tr>
</tbody>
</table>

* The CO or INTERCOM indicator light turns steady green.

Dial 50.

Conditions

- To retrieve a call on hold at another extension, refer to 4.3.18 Call Hold Retrieve.
- Music on Hold
  "Music on Hold" is sent to the party on hold, if available.
- What if a call on hold is not retrieved?
  If a call on hold is not retrieved in a specified period of time (default: 60 sec.), Hold Recall (if the extension on-hook) or Hold Warning tone (if engaged in another call) rings the extension where the call is held. Refer to 6.1.3 Tone List for details about Tone Patterns.
• **Automatic Disconnection**
  If a call (outside, extension) placed on hold is not retrieved within 30 minutes, it is automatically disconnected.

<PT>
• With outside calls, you can put multiple calls on hold. However, with intercom calls, you can put only one call on hold.

<ISDN Telephone>
• This feature is not available for ISDN telephones.

**Programming Guide References**
[200] Hold Recall Time

**Features Guide References**
Hold Recall

**User Manual References**
4.3.18 Call Hold Retrieve
4.3.17 Call Hold, Exclusive [PT only]

Allows you to prevent other extension users from retrieving your held call. A call put on exclusive hold can only be retrieved from the extension that placed it on hold.

To place a call on exclusive hold

During a conversation:

- The CO or INTERCOM indicator light flashes green moderately.
- The current call is placed on exclusive hold.

Retrieving a call on exclusive hold

- The CO or INTERCOM indicator light turns steady green.
- You can talk to the held party again.

Conditions

- **What if a call on Exclusive Hold is not retrieved?**
  If a call on Exclusive Hold is not retrieved in a specific period of time (default: 60 sec.), Hold Recall (if the extension is on-hook) or Hold Warning tone (if engaged in another call) rings the extension where the call is held. After this, the held call can be retrieved from any other extension. Refer to 6.1.3 Tone List for details about Tone Patterns.

- **Automatic Disconnection**
  If a outside call placed on hold is not retrieved in 30 minutes, it is automatically disconnected.

- With outside calls, you can put multiple calls on exclusive hold. However, with intercom calls, you can put only one call on exclusive hold.

Programming Guide References

[200] Hold Recall Time
Features Guide References
Hold Recall

User Manual References
4.3.16 Call Hold
4.3.18 Call Hold Retrieve

Allows you to retrieve a call that has been placed on hold at other extensions.

Retrieving an outside call on hold

PT and SLT

At the other extension;

Lift the handset or press SP-PHONE/MONITOR.

Dial 53.

Enter the held outside line number.

(01-08 for KX-TD816 / 01-48 for KX-TD1232)

Confirmation tone (optional)

Retrieving an intercom call on hold

PT and SLT

At the other extension;

Lift the handset or press SP-PHONE/MONITOR.

Dial 51.

Dial the extension number at which a call is placed on hold.

Confirmation tone (optional)

Conditions

- Confirmation Tone
  A confirmation tone is sent to the extension user who retrieved the held call. Eliminating the tone is programmable.

- "Call Park" cannot be retrieved by this feature.
<ISDN Telephone>
  - This feature is not available for ISDN telephones.

Programming Guide References
  [990] System Additional Information

User Manual References
  4.3.16   Call Hold
4.3.19 Call Park

Allows you to place a held call into a system parking area. You can be released from the parked call to perform other operations. The parked call can be retrieved from any extension. Up to ten calls can be parked.

Parking a call

**PT and SLT**

During a conversation:

- **For PT:** Press **TRANSFER**.
- **For SLT:** Flash the hookswitch.

For PT: Press **TRANSFER**.
For SLT: Flash the hookswitch.

Confirmation tone and dial tone

Dial 52.

Enter a parking zone number (0 through 9).

Call. Parked at x

Parking zone number (0 through 9)

* If you hear a busy tone, it indicates the specified parking zone is unavailable.

Park at x N/A

* You can change the parking zone simply by entering the parking zone number while hearing the busy tone.
4.3 Station Features and Operation

Retrieving a parked call

PT and SLT

Lift the handset or press SP-PHONE/MONITOR.

Dial S2.

Enter a parking zone number (0 through 9) where the call is parked.

parking zone no.

Confirmation tone (optional)

You can talk to the party.

If there is no held call, you will hear a reorder tone.

<PT Display Example>

No Held Call

Conditions

- **Call Park Recall**
  If a parked call is not retrieved in a specific period of time (default: 12 rings), "Call Park Recall" occurs. If a parked call is an outside call, it is possible to select whether "Call Park Recall" will go to the initiating extension or to Operator 1 by System Programming. If a parked call is an intercom call, "Call Park Recall" will return to the initiating extension.

- **Automatic Disconnection**
  If a parked call is not retrieved in 30 minutes, it is automatically disconnected.

- **Confirmation Tone**
  A confirmation tone is sent to the extension user who retrieved the parked call. Eliminating the tone is programmable.

<PT>

- With the KX-T7431, KX-T7433, KX-T7436 and KX-T7235, you can execute this feature using the display operation.

<ISDN Telephone>

- This feature is not available for ISDN telephones.

Programming Guide References

[219] Call Park Recall Time
[990] System Additional Information

User Manual References

4.5.8 KX-T7235 Display Features - System Feature Access Menu
4.5.11 KX-T7431 / KX-T7433 / KX-T7436 Display Features - System Feature Access Menu
4.3.20 Call Pickup, Directed

Allows you to answer an incoming call ringing at any other extension.

<table>
<thead>
<tr>
<th>Any telephone</th>
</tr>
</thead>
<tbody>
<tr>
<td>![Image of telephone and symbols]</td>
</tr>
<tr>
<td>Lift the handset or press SP-PHONE/MONITOR.</td>
</tr>
<tr>
<td>Dial 41.</td>
</tr>
<tr>
<td>Dial the extension number where the call is ringing.</td>
</tr>
<tr>
<td>Confirmation tone (optional)</td>
</tr>
<tr>
<td>Talk.</td>
</tr>
</tbody>
</table>

Conditions

- Doorphone calls can be picked up from extensions that are not programmed to answer doorphone calls.
- **Confirmation tone**
  A confirmation tone is audible when the call is picked up. Eliminating the tone is programmable.
- If you receive a call waiting tone during a conversation, you may ask a third party to pick up your second call by Directed Call Pickup.

<PT>
- With the KX-T7431, KX-T7433, KX-T7436 or KX-T7235, you can execute this feature using the display operation.

Programming Guide References

[990] System Additional Information

User Manual References

4.3.23 Call Pickup Deny
4.5.8 KX-T7235 Display Features - System Feature Access Menu
4.5.11 KX-T7431 / KX-T7433 / KX-T7436 Display Features - System Feature Access Menu
4.3.21  Call Pickup, Group

Allows you to answer a call that is ringing at another telephone within your extension group.

Any telephone

Lift the handset or press SP-PHONE/MONITOR. | Dial 40. | Confirmation tone (optional) | Talk.

Conditions

- **Confirmation tone**
  A confirmation tone is audible when the call is picked up. Eliminating the tone is programmable.
- You can pick up an incoming outside, intercom or doorphone call.
- If you receive a call waiting tone during a conversation, you may ask a third party to pick up your second call by Directed Call Pickup.

<PT>
- With the KX-T7431, KX-T7433, KX-T7436 or KX-T7235, you can execute this feature using the display operation.

<ISDN Telephone>
- This feature is not available for ISDN telephones.

Programming Guide References

[602] Extension Group Assignment
[990] System Additional Information

Features Guide References

Extension Group

User Manual References

4.3.23  Call Pickup Deny
4.3.27  Call Waiting
4.5.8  KX-T7235 Display Features - System Feature Access Menu
4.5.11  KX-T7431 / KX-T7433 / KX-T7436 Display Features - System Feature Access Menu
4.3.22 Call Pickup, Outside Line

Allows you to answer an incoming outside call that is ringing at another extension.

**Conditions**
- If you receive a call waiting tone during a conversation, you may ask a third party to pick up your second call by Directed Call Pickup.
- **Confirmation Tone**
  A confirmation tone is audible when the call is picked up. Eliminating the tone is programmable.

<PT>
- With the KX-T7431, KX-T7433, KX-T7436 or KX-T7235, you can execute this feature using the display operation.

**Programming Guide References**
[990] System Additional Information

**User Manual References**
4.3.23 Call Pickup Deny
4.3.27 Call Waiting
4.5.8 KX-T7235 Display Features - System Feature Access Menu
4.5.11 KX-T7431 / KX-T7433 / KX-T7436 Display Features - System Feature Access Menu
4.3.23 Call Pickup Deny

Allows you to prevent another extension from picking up your calls with the "Call Pickup" feature.

Setting / Canceling

<table>
<thead>
<tr>
<th>Any Telephone</th>
</tr>
</thead>
<tbody>
<tr>
<td>![Diagram of setting/canceling process]</td>
</tr>
</tbody>
</table>

- Lift the handset or press SP-PHONE/MONITOR.
- To set: Dial 7201.
- To cancel: Dial 7200.
- Confirmation tone and dial tone
- Hang up or press SP-PHONE/MONITOR.

<PT Display Example>
- When setting: C.Pickup Deny
- When canceling: C.Pickup Allow

Conditions

<PT>
- With the KX-T7431, KX-T7433, KX-T7436 or KX-T7235, you can execute this feature using the display operation.

User Manual References
4.3.20 Call Pickup, Directed
4.3.21 Call Pickup, Group
4.3.22 Call Pickup, Outside Line
4.5.8 KX-T7235 Display Features - System Feature Access Menu
4.5.11 KX-T7431 / KX-T7433 / KX-T7436 Display Features - System Feature Access Menu
4.3.24 Call Splitting

Allows you to have two callers on a line and alternate between them. If a call comes in while you are already on the line, you can place the current call (1st call) on hold and have a conversation with the other party (2nd call).

When you are engaged in the 2nd call (inside/outside), while placing the 1st call (inside/outside) on hold temporarily (Consultation Hold*1)

**PT**

TRANSFER

Press TRANSFER.

- You are connected to the 1st caller.
- Pressing the TRANSFER button alternates between two callers.

**SLT**

Flash the hookswitch.

- You are connected to the 1st caller.
- Flashing the switchhook alternates between two callers.

When you are engaged in the 2nd call (inside), while placing the 1st call (inside) on (exclusive) hold

**PT**

Between two extensions;

HOLD

Press HOLD.

- Pressing the HOLD button alternates between two callers.

When you are engaged in the 2nd call (inside/outside), while placing the 1st call (inside/outside) on (exclusive) hold

**PT**

HOLD (CO) INTERCOM

Press HOLD. Press CO or INTERCOM.

- Repeating these operations (steps 1 and 2) alternates between two callers.

**Conditions**

- This feature does not work during a doorphone call or paging.

*1 Consultation Hold places a call on hold temporarily to transfer it or makes a Conference call or Call Splitting.
Features Guide References
Consultation Hold

User Manual References
4.3.16 Call Hold
4.3.17 Call Hold, Exclusive [PT only]
4.3.25 Call Transfer — to Extension

Allows you to transfer the call you received to another extension. There are two ways.

Screened Call Transfer: The destination confirms the transfer before you send it.
Unscreened Call Transfer: The line is released after transferring the call without confirmation.

Screened Call Transfer to Extension

**PT and SLT**

*During a conversation;*

For PT: Press **TRANSFER**, For SLT: Flash the hookswitch.

Confirmation tone and dial tone

Dial the destination **extension number**.

Ringback tone

Wait for an answer.
Announce. Hang up or press SP-PHONE.

*The other party is placed on hold.*

*The call is transferred.*

Unscreened Call Transfer to Extension

**PT and SLT**

*During a conversation;*

For PT: Press **TRANSFER**, For SLT: Flash the hookswitch.

Confirmation tone and dial tone

Dial the destination **extension number**.

Ringback tone

Hang up or press SP-PHONE/MONITOR.

*The other party is placed on hold.*

*Ringing starts at the destination extension.*

*The call is transferred.*
Call Transfer using a DSS button

Allows PT users to perform Screened or Unscreend Call Transfer by using a DSS button. There are two operations, depending on whether or not One-Touch Transfer* is set.

When "One-Touch Transfer" mode is enabled:

**PT**

*During a conversation;*

![DSS button]

Press DSS (flexible button).

* The other party is placed on hold and the destination extension is called immediately.

When "One-Touch Transfer" mode is disabled:

**PT**

*During a conversation;*

![TRANSFER button]  
![DSS button]

Press TRANSFER.  
Press DSS (flexible button).

Conditions

- **Automatic Disconnection**
  
  If there is no answer for 30 minutes after "Transfer Recall" starts, the line will be disconnected.

- If the destination extension does not answer the call within twelve rings (default), "Transfer Recall" occurs. If the transferred call is an outside call, it is possible to select whether Transfer Recall will go to the initiating extension or to Operator 1 by System Programming.

- An outside call can be translated directly to a Uniform Call Distribution (UCD) group so that an idle extension is automatically hunted by UCD.

---

* One-Touch Transfer allows you to hold an outside call and transfer it to an extension by pressing one key. This feature provides automatic hold and transfer, without pressing the TRANSFER button. System Programming is required to use this function.
4.3 Station Features and Operation

<PT>

- The destination extension shows the Caller ID and the extension number from where the call was transferred from on the display.
  <Example> The Caller ID number "123456789" is transferred from extension 101.
  
  ![Image of Caller ID display]

  The priority of the display is:
  Caller ID name > Caller ID number > Outside line name > Blank (if none of these is assigned).
  If your telephone has a two, three or six line display, both the Caller ID name and number are displayed.
- A flexible CO button can be assigned as a DSS button.
- To use "One-Touch Transfer", System Programming is required.
- Pressing the FLASH or FLASH/RCL button while dialing clears the display. Then you can enter the revised number.
- If you want to return to the held call, press the TRANSFER button or corresponding CO, INTERCOM button before the destination extension answers.
- When "Transfer Recall" occurs, the display shows:
  <Example>
  
  ![Image of Transfer Recall display]

<SLT>

- If you want to return to the held call, flash the hookswitch before the destination extension answers.

<ISDN Telephone>

- This feature is not available for ISDN telephones.

Programming Guide References

[108] Automatic Hold by CO / DSS Button
[201] Transfer Recall Time
[990] System Additional Information

User Manual References

2.2.2 Flexible Button Assignment
4.3.84 Uniform Call Distribution (UCD)
4.3.26 Call Transfer – to Outside Line

You can transfer a call (intercom, outside) to an outside party via outside line.

Screened Call Transfer

**During a conversation:**

- **For PT:** Press TRANSFER. For SLT: Flash the hookswitch.
- **Confirmation tone and dial tone**
- **Press CO or enter a line access code (9 or 81 through 88).**
- **Dial the phone number where calls will be transferred.**
- **The current call is placed on hold.**

- **Ringback tone**
- **Wait for an answer.**
- **Announce.**
- **Hang up or press SP-PHONE.**

- **The call is transferred.**

**Conditions**

- **Class of Service**
  Class of Service programming determines the extensions that can perform this feature.

- **Outside-to-outside call**
  If an outside call is transferred to an outside party, "outside-to-outside call" is established and the call duration is restricted by a system timer "Outside-to-Outside Line Call Duration Time (1-64 min)".
  **Hold Recall tone**
  Hold Recall tone is generated to the extension who transferred the call 50 seconds before the time-out.
  **Hold Alarm tone**
  Hold Alarm tone is generated to both outside parties 15 seconds before the time-out. The call is disconnected at the time-out unless the extension user (who transferred the call) joins the outside-to-outside call to establish a conference call.

**<PT>**

- Pressing the FLASH or FLASH/RCL button while dialing clears the display. Then you can enter the revised number.
• If you want to return to the held call, press the TRANSFER button or corresponding CO or INTERCOM button before the destination party answers.

• If you want to join the conversation after transferring the call or while hold recall tone is sent, press the corresponding CO button. A conference call is established.

<ISDN Telephone>
• This feature is not available for ISDN telephones.

Programming Guide References
[206] Outside-to-Outside Line Call Duration Time
[503] Call Transfer to Outside Line
[601] Class of Service

Features Guide References
Hold Recall
4.3.27 Call Waiting

During a call, a Call Waiting tone informs you that there is another call waiting for you. You can answer the second call by disconnecting or placing the current call on hold. PT users can choose one of three Call Waiting modes.

Setting

PT

1. Call Waiting BSS [7 3 1 1]
2. Call Waiting OHCA [7 3 1 2]
3. Call Waiting W-OHCA [7 3 1 3]

Lift the handset or press SP-PHONE/MONITOR.

Confirmation tone and dial tone

Hang up or press SP-PHONE/MONITOR.

SLT

[7 3 1 1]

Lift the handset.

Dial 7311.

Confirmation tone and dial tone

Hang up.

Canceling

PT and SLT

[7 3 1 0]

Lift the handset or press SP-PHONE/MONITOR.

Dial 7310.

Confirmation tone and dial tone

Hang up or press SP-PHONE/MONITOR.

<PT Display Example>

BSS : Call Waiting 1
OHCA : Call Waiting 2
W-OHCA : Call Waiting 3

<PT Display Example>

Call Waiting Off
To talk to the new party by terminating the current call

**PT**

While hearing a Call Waiting tone:

- Press the flashing CO or INTERCOM.
- Talk to the new caller.

- The current call is disconnected.

**SLT**

While hearing a Call Waiting tone:

- Hang up.
- Lift the handset.
- Talk to the new caller.

- The current call is disconnected.

To talk to the new party by holding the current call

**PT**

While hearing the Call Waiting tone and the CO or INTERCOM indicator is flashing rapidly:

- Press HOLD.
- Press the flashing CO or INTERCOM.
- Talk to the new caller.

- The current call is placed on hold.
- If both the current call and new call are extension calls, you will be connected to the new caller simply by pressing HOLD.

**SLT**

While hearing a Call Waiting tone:

- Flash the hookswitch.
- Confirmation tone and dial tone
- Dial 50.
- Dial tone
- Hang up.
- Lift the handset.
- Talk to the new caller.

- The current call is placed on hold.

**Conditions**

- **BSS / OHCA / Whisper OHCA**
  
  If an extension user dials "1" while hearing a busy tone, BSS or OHCA or Whisper OHCA may be activated at the called extension.
  
  This is determined by the following conditions.
### Calling extension

<table>
<thead>
<tr>
<th>COS-OHCA assignment</th>
<th>Call Waiting setting</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>OFF</td>
</tr>
<tr>
<td>1</td>
<td>ON</td>
</tr>
<tr>
<td>2</td>
<td>BSS</td>
</tr>
<tr>
<td>3</td>
<td>W-OHCA(^{12}) ➔ OHCA ➔ BSS</td>
</tr>
</tbody>
</table>

- **COS-OHCA** (Off-Hook Call Announcement) is activated when the called extension is KX-T7235 or KX-T7436.
- ** Whisper OHCA** is activated when both calling and called extensions are using one of the KX-T7400 series PT.

- The call waiting tone is generated when an outside call, a doorphone call is received, or when an extension caller executes Busy Station Signaling.
- **Data Line Security**
  Setting Data Line Security temporarily cancels Call Waiting which has been turned on by an extension user.

<PT>
- **Call Waiting Tone Type Selection**
  For PT users, two types of call waiting tones are provided to prevent them from missing the tone. A Call Waiting Tone type can be selected either by Station or System Programming.
  - With the KX-T7431, KX-T7433, KX-T7436 and KX-T7235, you can set or cancel this feature using the display operation.

<ISDN Telephone>
- This feature is not available for ISDN telephones.

### User Manual References

- 2.2.1 Initial Settings
- 4.3.7 Busy Station Signaling (BSS)
- 4.3.32 Data Line Security
- 4.3.56 Off-Hook Call Announcement (OHCA)
- 4.3.57 Off-Hook Call Announcement (OHCA) — Whisper [PT only]
- 4.5.8 KX-T7235 Display Features - System Feature Access Menu
- 4.5.11 KX-T7431 / KX-T7433 / KX-T7436 Display Features - System Feature Access Menu
4.3.28 Call Waiting from Central Office

During a conversation, a call waiting tone offered by the local Central Office signals your extension that there is another call waiting. You can answer the second call by placing the first call on hold.

**7230 / 7235 / 7433 / 7436**

*While hearing a Call Waiting tone through the handset;*

- Press EFA(S2).
  - The current call is placed on hold and you can talk to the second caller.

**Using the FLASH button**

*While hearing a Call Waiting tone through the handset;*

- Press FLASH or FLASH/RCL.
  - The current call is placed on hold and you can talk to the second caller.

**Using the feature number**

*While hearing a Call Waiting tone through the handset;*

- Flash the hookswitch.
- Dial 6.
  - The first party is placed on hold.
  - You can talk to the second party.
Conditions

- This is an optional telephone company service. For more information, consult the local telephone company.

<PT>

- You can return to the original party by pressing the FLASH or FLASH/RCL or EFA (S2) button again.

<SLT>

- You can return to the original party by flashing the hookswitch and then dialing 6 again.
4.3.29 Camp-On Transfer to Phantom Extension / Ring Group

Allows you to transfer a call to busy phantom extensions or extensions in a Ring Group\(^1\). The call is transferred when at least one extension becomes free.

### PT

**During a conversation:**

- Press **TRANSFER**.
- Confirmation tone
- Dial tone
- Dial the destination **phantom extension number**.
- Dial the **floating number of ringing group**.

- Busy tone
- Hang up or press **SP-PHONE/MONITOR**.

### SLT

**During a conversation:**

- Flash the **hookswitch**.
- Confirmation tone
- Dial tone
- Dial the destination **phantom extension number**.
- Dial the **floating number of ringing group**.

- Busy tone
- Hang up or press **SP-PHONE/MONITOR**.

---

\(^1\) A Ring Group is a station hunting type where all extensions in a ring group ring simultaneously by dialing the floating number of the extension group. For more details, please consult with your dealer.
Conditions

- If the destination extension does not become free within twelve rings (default), "Transfer Recall" occurs. If the transferred call is an outside call, it is possible to select whether Transfer Recall will go to the initiating extension or to Operator 1 by System Programming.
- If there is no answer within thirty minutes after "Transfer Recall" starts, the line will be disconnected.

<PT>

- If you misdial, press the FLASH or FLASH/RCL button, and re-enter the number.

<SLT>

- If you want to return to the held call, flash the hookswitch before the destination extension answers.

Programming Guide References

[201] Transfer Recall Time
[990] System Additional Information

Feature Guide References

Ring Group

User Manual References

4.3.67 Phantom Extension
4.3.30 Conference

During a two-party conversation, you can add a third party to make a three-party conference. The members of a conference on a line may be three extensions, one extension and two outside lines, or two extensions and one outside line.

To establish a conference

**PT**

During a two-party conversation;

- Press CONF.
- Confirmation tone and dial tone
- Dial the phone number of the third party.
- Talk to the third party.
- Press CONF.
- Confirmation tone (optional)
- A three-party conference is now established.

- The CONF indicator light turns steady red.
- The corresponding CO or INTERCOM indicator light turns green.

- You must dial a line access code (9 or 81 through 88) as the first digit when calling an outside party.
- The current party is placed on hold.
- The CONF indicator light flashes red slowly.

**SLT**

During a two-party conversation;

- Flash the hookswitch.
- Confirmation tone and dial tone
- Dial the phone number of the third party.
- Talk to the third party.
- Flash the hookswitch.
- Dial 3.
- Confirmation tone (optional)
- A three-party conference is now established.

- You must dial a line access code (9 or 81 through 88) as the first digit when calling an outside party.
- The other party is placed on hold.
To leave the conference

PT / SLT

Hang up or press SP-PHONE.

- The other two parties may continue their conversation.
- If both other two parties are on outside lines, they will be disconnected.

To terminate one party and talk to the other

PT

Press the CO or INTERCOM of the party to remain connected.

Confirmation tone (optional)

Talk.

- A conversation with the desired party is established and the other party is disconnected.
- This operation is available only when the extension user established the conference call by using two different line access buttons. (Not available when only one button is used.)

To talk to the third party while holding the original party

PT

Press TRANSFER.

Confirmation tone (optional)

Talk to the third party.

- If both other two parties are extensions, the INTERCOM indicator light flashes green moderately.
To talk to the original party while holding the third party

SLT

Flash the switchhook.  Confirmation tone (optional)  Talk to the original party.

To put both parties on hold

PT

Hold

Press HOLD.

* This feature is only available when at least one party is on an outside line.

Conditions

- Up to six conference calls are allowed simultaneously.
- **Executive Busy Override, Privacy Release**
  A 3-party conference call is also established by Executive Busy Override or Privacy Release.
- **Confirmation tone**
  When a 2-party call is changed to a 3-party conference call or vice versa, a confirmation tone is sent to all three parties. Eliminating the tone is programmable.

<PT>
- Pressing a CO button which is not in the conference, allows you to exit from the conference leaving the other two parties connected unless they both are on outside lines. If they both are on outside lines, they will be disconnected.
- You can return to the original party before the third party answers by pressing the TRANSFER button.
- CONF button is not provided on your KX-T7250. However, it can be assigned to a flexible (CO, DSS, PF) button by Station, User or System Programming.

<SLT>
- You can return to the original party before the third party answers by flashing the hookswitch.

<ISDN Telephone>
- This feature is not available for ISDN telephones.
Programming Guide References
[990] System Additional Information

User Manual References
2.2.2 Flexible Button Assignment
4.3.30 Conference
4.3.31 Conference, Unattended [PT only]
4.3.39 Executive Busy Override — Extension
4.3.40 Executive Busy Override — Outside Line [PT only]
4.3.69 Privacy Release [PT only]
4.3.31 Conference, Unattended [PT only]

When you are in a conference with two outside parties, you can leave the three-party conference allowing the other two parties to continue their conversation.

To establish an Unattended Conference

**PT**

*During a conversation with two outside parties;*

[Diagram: Conf button pressed]

Press CONF to leave the conference.

*An outside-to-outside line call between the other two parties is established.*

To return to the conference

**PT**

(CO)

Press CO flashing green moderately.

To answer Hold Recall (To return to the conference on the line)

**PT**

*While hearing Hold Recall;*

[Diagram: Handset lifted or CO button pressed]

Lift the handset or press SP-PHONE. Press CO button which is flashing rapidly.

Conditions

- When an Unattended Conference is established, an alarm tone is sent to both outside parties fifteen seconds before the assigned duration time limit (default: 10 min.). "Hold Recall" is activated to the extension that leaves the conference fifty seconds before the time out. The call is disconnected at the time out unless the extension returns to the conference.
- If you are off-hook and hear "Hold Recall" during the Unattended Conference mode, the display flashes "CO 02 & CO 03", for example, for five seconds at fifteen second intervals.
- Whether an extension is able to establish a "Conference, Unattended" depends on the "Class of Service" assignment.
Programming Guide References
[206] Outside-to-Outside Line Call Duration Time
[503] Call Transfer to Outside Line
[601] Class of Service

Features Guide References
Hold Recall

User Manual References
4.3.30 Conference

* Class of Service (COS) is used to define the features which are allowed for a group of extensions. Refer to "Class of Service (COS)" in the Features Guide.
4.3.32  Data Line Security

Your extension is protected against interruptions from the "Call Waiting," "Hold Recall," and "Executive Busy Override" features. Data communication devices, such as computers and facsimiles, operate uninterrupted.

Setting / Canceling

Any Telephone

Lift the handset or press SP-PHONE/MONITOR.

To set: Dial 7301.
To cancel: Dial 7300.

Hang up or press SP-PHONE/MONITOR.

Confirmation tone and dial tone

<PT Display Example>
- When setting:
  Data Mode On
- When canceling:
  Data Mode Off

Conditions

- Automatic Privacy
  Assigning Data Line Security always offers conversation privacy unless Privacy Release is executed.
- If one extension in a conversation has set Data Line Security, it applies to the both extensions.

<PT>
  - With the KX-T7431, KX-T7433, KX-T7436 or KX-T7235, you can execute this feature using the display operation.

Features Guide References

Hold Recall

User Manual References

4.3.27  Call Waiting
4.3.40  Executive Busy Override — Outside Line [PT only]
4.3.39  Executive Busy Override — Extension
4.3.69  Privacy Release [PT only]
4.5.8 KX-T7235 Display Features - System Feature Access Menu
4.5.11 KX-T7431 / KX-T7433 / KX-T7436 Display Features - System Feature Access Menu
4.3.33 Direct Inward System Access (DISA)*

Allows an outside caller to access specific system features as if the caller is an extension in the system. A DISA outgoing message is used to give outside callers assistance, such as listing the extension numbers in the system. The pre-assigned DISA user code may be necessary depending on the mode to have direct access to the features within the system.

Warning for the Direct Inward System Access Users

When you enable the Outside - Outside Line Call feature of Direct Inward System Access (DISA) function, if a third party discovers the password (a DISA User Code) of the system, you have a risk that they will make illegal phone calls using your telephone line, and the cost may be charged to your account.

In order to avoid this problem, we strongly recommend the following points:

1: Carefully maintain the secrecy of the password.
2: Specify a complicated password as long and random as you can make it.
3: Change the password frequently.

Calling an extension

![Diagram showing the steps for calling an extension from an outside telephone.]
4.3 Station Features and Operation

Calling an outside party

From Outside Telephone

In Non Security Mode:

- Dial the **DISA phone number**.
- Ringback tone
- DISA outgoing message
- Enter a **line access code** (9 or 81 through 88).
- Dial the **phone number** of the outside party.

In Outside Line Security Mode:

- Dial the **DISA phone number**.
- Ringback tone
- DISA outgoing message
- Enter a **line access code** (9 or 81 through 88).
- Enter the pre-assigned **DISA user code**.
- Dial the **phone number** of the outside party.

In All Security Mode:

- Dial the **DISA phone number**.
- Ringback tone
- DISA outgoing message
- Enter the pre-assigned **DISA user code**.
- Enter a **line access code** (9 or 81 through 88).
- Dial the **phone number** of the outside party.

Extending the call duration while calling an outside line

From Outside Telephone

When you make a call to any outside line using the DISA feature, the line is disconnected after a preprogrammed time (default: 3 min)

- any key except "*x*"
- Dial any key except "*x*" after the warning tone.
4.3 Station Features and Operation

Re-try

From Outside Telephone

It is possible (by System Programming) to dial a different number during a conversation with an outside party or while hearing a ringback, reorder, or busy tone.

Press ×.

* You hear a dial tone.
* If you dial × × while hearing a DISA outgoing message, dial tone, or after the DISA outgoing message, the call will be disconnected.

Dial the desired number.

* You must dial a line access code (9 or 81 through 88) when calling an outside party.

Conditions

Calling an extension

- You can choose Non Security or All Security mode. In All Security mode, the caller must enter a pre-assigned DISA user code to make intercom calls.
- If the DISA call is not answered within a specified period of time, the system redirects it to the pre-determined IRNA destination. If IRNA destination is not programmed, the DISA call continues to ring at the first destination extension.

Calling an outgoing outside line

- You can choose Non Security, Outside Line Security or All Security mode. In Outside Line Security mode, the caller must enter a pre-assigned DISA user code to make outside calls. In All Security mode, the caller must enter a pre-assigned DISA user code to make both outside and intercom calls.

General

- If the caller does not dial any digits during and after the playback of DISA outgoing message, the system will direct him or her to the pre-determined destination (Intercept Routing). "Intercept Routing" is activated 5 seconds after (default) or immediately after the playback depending on System Programming.
- **DISA User Code**
  You can store up to 32 programmable DISA user codes. These codes can have four to ten digits, and they must be unique. You can assign a "Class of Service" number to each code. The "Class of Service" appended to the code denies the "Toll Restriction".
- **DISA User Code Entry Failure**
  If the DISA caller fails to enter the valid DISA user code three times consecutively, the call will be disconnected.
- **DISA built-in Automated Attendant Number**
  This system supports up to ten programmable DISA built-in auto attendant numbers. Each number must be one digit.
The DISA built-in auto attendant number may be the same as the first digit of other numbers (extension number, Floating Number, etc.). To avoid confusion, the system waits for the second digit for a pre-programmed amount of time (default: 1 second). If the second digit is not dialed until the timer expires, the system assumes that the first digit is a DISA built-in auto attendant number.

- **DISA Call Duration**
  Extending the call duration can be enabled (from 1 to 7 minutes) or disabled by System Programming. The caller can extend the call duration up to 10 times, or as many times as the caller wants (no limit) depending on System Programming.

- **Outside-to-Outside line call duration**
  When the "Outside-to-Outside Line Call Duration Time" expires, both lines are disconnected unless the caller re-tries or extends the time (default: 3 min.), if available. A warning tone is sent at five second intervals to both parties, fifteen seconds before the time limit.

- You can restrict the outside-to-outside line timer to ten tries by System Programming.

**Programming Guide References**

*<To enable DISA feature>*

- [407-408] DIL 1:1 Extension — Day / Night
- [809] DISA Security Type
- [811] DISA User Codes
- [813] Floating Number Assignment
- [815] DISA Built-in Auto Attendant
- [990] System Additional Information

*<To set DISA timer values>*

- [202] Call Forwarding — No Answer Time
- [206] Outside-to-Outside Line Call Duration Time
- [214] DISA Prolong Time
- [218] DISA AA Wait Time

*<To enable the Intercept Routing feature>*

- [203] Intercept Time
- [409-410] Intercept Extension — Day / Night
- [990] System Additional Information

**Features Guide References**

Intercept Routing

**User Manual References**

4.4.6 Outgoing Message (OGM)
4.3.34 Do Not Disturb (DND)

Allows you to prevent other parties from disturbing you. Your extension will not receive intercom and outside calls.

Setting

**7235 / 7436**

Lift the handset or press SP-PHONE.
Press FWD/DND.
Press Do Not Disturb (F2).
Confirmation tone and dial tone
Hang up or press SP-PHONE.

<PT Display Example>
Do Not Disturb

Canceling

**7235 / 7436**

Lift the handset or press SP-PHONE.
Press FWD/DND.
Press FWD/DND Cancel (F1).
Confirmation tone and dial tone
Hang up or press SP-PHONE.

<PT Display Example>
FWD/DND Cancel
Setting / Canceling

**PT and SLT**

Lift the handset or press SP-PHONE/MONITOR.

For PT: Press FWD/DND.
For SLT, PT: Dial 710.

To set: Dial 1.
To cancel: Dial 0.

Confirmation tone and dial tone

Hang up or press SP-PHONE/MONITOR.

* When setting, the FWD/DND indicator lights.
  <PT Display Example>
  Do Not Disturb
* When canceling, the FWD/DND indicator light turns off.
  <PT Display Example>
  FWD/DND Cancel

**Conditions**

- DND also works for an incoming call from a doorphone.
- **DND does not work for the following calls:**
  — Hold Recall
  — Timed Reminder Alarm Tone
- **Do Not Disturb Override**
  An extension in DND mode can be called by other extension users who are allowed to override DND in their Class of Service.

**<PT>**

- An extension user may have only one type of Call Forwarding / Do Not Disturb feature in effect at any time. If one of Call Forwarding/Do Not Disturb feature is assigned, another does not function but the assignment itself is preserved for future use. The extension user can choose either one by pressing the FWD/DND button while on-hook. In this case, pressing the button changes the settings as follows:

  →DND →FWD →Off

- The lighting patterns of the FWD/DND button are as follows:
  - Off: Both functions are canceled
  - Red on: DND mode  This setting can be changed
  - Red flash: FWD mode  by System Programming.

- A PT user in DND mode can answer a call by pressing a flashing button which shows the arrival of the call.
<7250>
  • A flexible button on the KX-T7250 (no FWD/DND button provided) can be assigned as the FWD/DND button.

<ISDN Telephone>
  • This feature is not available for ISDN telephones.

User Manual References
  2.2.2 Flexible Button Assignment
  4.3.8 Call Forwarding — SUMMARY
  4.3.35 Do Not Disturb (DND) Override
  4.5.2 Call Forwarding / Do Not Disturb (KX-T7436 / KX-T7235 only)
4.3.35 Do Not Disturb (DND) Override

You can override the "Do Not Disturb (DND)" feature set on the other extension, if permitted by System Programming beforehand.

**PT**

If you make an intercom call and hear the Do Not Disturb (DND) tone:

- Press Over (S2).
- Wait for an answer and talk.

**Any Telephone**

If you hear Do Not Disturb (DND) tone after making an intercom call:

- Dial 1.
- Wait for an answer and talk.

**Conditions**

- **Class of Service**
  Class of Service (COS) programming determines the extension that can perform this feature.

- If you hear a reorder tone after dialing 1, your extension is not permitted to execute "Do Not Disturb (DND) Override" feature by System Programming.

- **What if a busy tone is heard after DND override?**
  The other extension in DND mode is busy. In this case, you may perform the following features.
  - Automatic Callback (Camp-on)
  - Busy Station Signaling (BSS)
  - Off-Hook Call Announcement (OHCA)
— Whisper OHCA
— Executive Busy Override

<ISDN Telephone>
- This feature is not available for ISDN telephones.

Programming Guide References
[507] Do Not Disturb Override
[601] Class of Service

User Manual References
4.3.34 Do Not Disturb (DND)
4.3.36 Doorphone Call

Allows you to have a conversation with a visitor at your doorphone. You can also unlock the door from your telephone.

**Calling an extension from a doorphone — operation for a visitor**

<table>
<thead>
<tr>
<th>Doorphone</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image" alt="Doorphone" /></td>
</tr>
</tbody>
</table>

- Press the Doorphone button for one second.
- Wait for an answer and talk.

**Answering a doorphone call**

<table>
<thead>
<tr>
<th>Any Telephone</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image" alt="Any Telephone" /></td>
</tr>
</tbody>
</table>

*When you hear the doorphone ring tone at the extension;*

- Lift the handset or press SP-PHONE/MONITOR.

**Calling a doorphone**

<table>
<thead>
<tr>
<th>Any Telephone</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image" alt="Any Telephone" /></td>
</tr>
</tbody>
</table>

- Lift the handset or press SP-PHONE/MONITOR.
- Dial 31.
- Enter a doorphone number (1 or 2 for KX-TD816 / 1 through 4 for KX-TD1232).
- Confirmation tone
- Talk.

*<PT Display Example>*

- Doorphone: x
- Doorphone number (1 through 4)
To unlock the door from an assigned extension

**Any Telephone**

Lift the handset or press SP-PHONE/MONITOR.
Dial 55.
Enter a doorphone number (1 or 2 for KX-TD816 / 1 through 4 for KX-TD1232).

- The door is left unlocked for the preprogrammed amount of time (default: 5 sec).

<PT Display Example>

Door 1 Open
door opener number
(1 through 4)

Hang up or press SP-PHONE/MONITOR.

To unlock the door while talking to the visitor at the doorphone from any extension

**PT**

Dial 5.

- The door is left unlocked for the preprogrammed amount of time (default: 5 sec).

<PT Display Example>

Door 1 Open
door opener number

Hang up or press SP-PHONE/MONITOR.

**SLT and ISDN Telephone**

Flash the switchhook.

Confirmation tone and dial tone

Dial 5.

- The door is left unlocked for the preprogrammed amount of time (default: 5 sec).
Conditions

- If you dial "5" again while the door is open, the door will stay open for another five seconds.
- **Doorphone Call Destination**
  It is necessary to program the extensions that can receive doorphone calls during day and night mode.
- **What if a doorphone call is not answered?**
  If not answered within 30 seconds, the call stops ringing and is canceled.
- **Unlocking the door opener**
  During a doorphone call, any extension user can unlock the door opener (user-supplied) from their extensions by dialing "5" to let the visitor in.
- You cannot hold and transfer the doorphone call.
- The door can be unlocked by the following:
  1) Extensions that are programmed to receive doorphone calls.
  2) Any extension that is engaged in a doorphone call.
- The door opener will open the door, even if a doorphone is not installed.

<PT>

- While talking to a doorphone, you can unlock the door using the one-touch dialing button instead of dialing "5." In this case, "5" must be stored in the one-touch dialing button by Station or System Programming.
- With the KX-T7431, KX-T7433, KX-T7436 or KX-T7235, you can call a doorphone and open a door using the display operation.

**Programming Guide References**

[607-608] Doorphone Ringing Assignment —— Day / Night

**User Manual References**

2.2.2 Flexible Button Assignment
4.5.8 KX-T7235 Display Features - System Feature Access Menu
4.5.11 KX-T7431 / KX-T7433 / KX-T7436 Display Features - System Feature Access Menu
4.3.37 **Electronic Station Lockout**

Allows you to lock your extension so that other users cannot make outgoing outside calls from your extension.

**Locking**

<table>
<thead>
<tr>
<th>Any Telephone</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image1.png" alt="Image" /></td>
</tr>
<tr>
<td>Lift the handset or press SP-PHONE/MONITOR.</td>
</tr>
<tr>
<td>7 7</td>
</tr>
<tr>
<td>Dial 77.</td>
</tr>
<tr>
<td>Enter a 3-digit <strong>lock code</strong> (000 through 999) twice.</td>
</tr>
<tr>
<td>Confirmation tone and dial tone</td>
</tr>
<tr>
<td>Hang up or press SP-PHONE/MONITOR.</td>
</tr>
<tr>
<td><strong>&lt;PT Display Example&gt;</strong></td>
</tr>
<tr>
<td>Log Locked : xxx</td>
</tr>
<tr>
<td><strong>lock code</strong></td>
</tr>
</tbody>
</table>

**Unlocking**

<table>
<thead>
<tr>
<th>Any Telephone</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image2.png" alt="Image" /></td>
</tr>
<tr>
<td>Lift the handset or press SP-PHONE/MONITOR.</td>
</tr>
<tr>
<td>7 7</td>
</tr>
<tr>
<td>Dial 77.</td>
</tr>
<tr>
<td>Enter the same <strong>lock code</strong> you used to lock the extension.</td>
</tr>
<tr>
<td>Confirmation tone and dial tone</td>
</tr>
<tr>
<td>Hang up or press SP-PHONE/MONITOR.</td>
</tr>
<tr>
<td><strong>&lt;PT Display Example&gt;</strong></td>
</tr>
<tr>
<td>Unlocked</td>
</tr>
</tbody>
</table>

**Conditions**

- **How does this feature restrict the extension?**
  This feature restricts the extension from making an outside call only. Other operations are not affected.

- **Remote Station Lock**
  Remote Station Lock Control overrides Electronic Station Lockout. If the Manager or an Operator sets Remote Station Lock on an extension that has already been locked by the extension user, the extension user cannot unlock it.

**<PT>**

- If someone tries to make an outgoing outside call from a locked extension, he or she hears a reorder tone and "Restricted" is shown on the display.
- With the KX-T7431, KX-T7433, KX-T7436 or KX-T7235, you can execute this feature using the display operation.
<SLT>

- If another user tries to access an outside line from a looked extension, the user hears a reorder tone.
- With the KX-T7431, KX-T7433, KX-T7436 or KX-T7235, you can execute this feature using the display operation.

User Manual References

4.4.7 Remote Station Lock Control
4.5.8 KX-T7235 Display Features - System Feature Access Menu
4.5.11 KX-T7431 / KX-T7433 / KX-T7436 Display Features - System Feature Access Menu
4.3.38 Emergency Call

Allows you to dial out a pre-assigned emergency number after seizing an outside line regardless of the restrictions imposed on your extension. Up to 10 emergency dial numbers can be stored in the system.

**Dialing**

<table>
<thead>
<tr>
<th>Lift the handset or press SP-PHONE/MONITOR.</th>
<th>Dial the line access code (9 or 81 through 88).</th>
<th>Dial tone</th>
<th>Dial the emergency number.</th>
</tr>
</thead>
</table>

*You may press a CO button instead.*

**Conditions**

- The emergency number "911" is already stored at the factory. System Programming is required to store other emergency numbers.
- An emergency call is allowed even in the following cases;
  - in Account Code – Verified (All Calls, Toll Restriction Override) mode
  - in any toll restriction level
  - in Electronic Station Lockout / Remote Station Lock
- If your telephone is connected to a host PBX, you must dial the host PBX line access code after dialing the line access code and it must be included as the first digit of the emergency no.

**Programming Guide References**

[334] Emergency Dial Number Set
4.3.39 Executive Busy Override — Extension

You can interrupt an existing extension call (either between two inside parties or between an outside party and an inside party) by dialing "2". This establishes a 3-party conference call.

7230 / 7235 / 7433 / 7436

If you hear a busy tone after making an intercom call;

Press Over (S2).

A three-party conference is now established.

Confirmation tone (optional)

Any Telephone

If you hear a busy tone after making an intercom call;

Dial 2.

A three-party conference is now established.

Confirmation tone (optional)

To leave the conference

Any Telephone

Hang up or press SP-PHONE.

The other two parties continue their conversation.

To terminate one party and talk to the other

PT

Press the CO or INTERCOM of the party to remain connected.

Confirmation tone (optional)

Conditions

• Class of Service
  Class of Service programming determines the extension that can perform this feature.

• This feature does not work when "Data Line Security" or "Executive Busy Override Deny" is set at either or both of the other parties.
• **Executive Busy Override Deny**  
  It is possible for extension users (if allowed by Class of Service Programming) to prevent this feature from being executed by another extension user.

• **Confirmation tone**  
  When a 2-party call is changed to a 3-party call and vice versa, a confirmation tone is sent to all three parties. This tone can be eliminated by System Programming.

• **Terminate one party and talk to the other**  
  This feature can be performed only during conference with an outside party and inside party.

**Programming Guide References**

[505] Executive Busy Override  
[601] Class of Service  
[990] System Additional Information

**User Manual References**

4.3.30  Conference  
4.3.32  Data Line Security  
4.3.41  Executive Busy Override Deny
4.3.40 Executive Busy Override — Outside Line [PT only]

Allow you to connect to an existing outside call or add a third party to your existing conversation.

Setting

![Setting Diagram]

- Lift the handset or press SP-PHONE/MONITOR.
- Press the red lit CO corresponding to the desired caller.
- Confirmation tone (optional)

A three-party conference is now established.

To leave the conference

![Leaving Conference Diagram]

- Hang up or press SP-PHONE/MONITOR.

The other two parties continue their conversation.

To terminate one party and talk to the other

![Terminating Party Diagram]

- Press CO or INTERCOM of the party to remain connected.
- Confirmation tone (optional)

Conditions

- **Executive Busy Override Deny**
  Extension users can prevent this function from being executed by another extension user.

- **Class of Service**
  Class of Service programming determines the extension that can perform this feature.

- The pre-assigned extension users can interrupt an existing outside call even if access to that line is not allowed by System Programming.

- This feature does not work if Executive Busy Override Deny or Data Line Security is set at the extension engaged in the existing outside call.

- **Confirmation tone**
  When a 2-party call is changed to a 3-party call and vice versa, a confirmation tone is sent to all three parties. This tone can be eliminated by System Programming.
Programming Guide References
[505] Executive Busy Override
[601] Class of Service
[990] System Additional Information

User Manual References
4.3.30 Conference
4.3.32 Data Line Security
4.3.41 Executive Busy Override Deny
4.3.41 Executive Busy Override Deny

Allows you to prevent other extension users from interrupting your telephone conversation.

Any Telephone

Lift the handset or press SP-PHONE/MONITOR.

To set: Dial 7331.
To cancel: Dial 7330.

Confirmation tone and dial tone

Hang up or press SP-PHONE/MONITOR.

<PT Display Example>
* When setting:
  Busy Ovrde Deny
* When canceling:
  Busy Ovrde Allow

Conditions

- **Class of Service**
  "Class of Service" programming determines the extensions that can perform this feature.
- With the KX-T7431, KX-T7433, KX-T7436 or KX-T7235, you can execute this feature using the display operation.

Programming Guide References

[506] Executive Busy Override Deny

User Manual References

4.3.40 Executive Busy Override — Outside Line [PT only]
4.3.39 Executive Busy Override — Extension
4.5.8 KX-T7235 Display Features - System Feature Access Menu
4.5.11 KX-T7431 / KX-T7433 / KX-T7436 Display Features - System Feature Access Menu
4.3.42 External Feature Access

Allows you to access special features (e.g. Call Waiting) offered by a host PBX, Centrex or Central Office. This feature is effective only during an outside call.
You can access the feature by using either the FLASH or FLASH/RCL button or the feature number.

### 7230 / 7235 / 7433 / 7436

*During a conversation with an outside party;*

```
[ EFA ]
S1  S2  S3
Press EFA (S2).
Enter the desired service code.
```

### Using the FLASH button

```
FLASH  OR  FLASH/RCL

Press FLASH or FLASH/RCL.
Enter the desired service code.
```

*The current call is placed on hold.*

### Using the feature number

```
TRANSFER

For PT: Press TRANSFER.
For SLT: Flash the hookswitch.

Dial tone
Dial 6.
Enter the desired service code.
```

*The current call is placed on hold.*
Conditions

- **Flash Time**
  The flash time must be assigned as required by the Centrex, host PBX or outside line.

<PT>

- **Memory Dialing**
  During outside calls, a FLASH stored in System Speed Dialing, Station Speed Dialing or One-Touch Dialing works as External Feature Access, not as Flash (Disconnect Signal).

<SLT>

- This feature does not function, if an SLT has a call on Consultation Hold.

Programming Guide References

[413] Flash Time
[990] System Additional Information

User Manual References

4.3.44 Flash [PT only]
4.3.43 External Modem Control [PT only]

Allows you to control the external modem, connected to the system with a RS-232C cable, by sending a pre-assigned AT Command (for enabling Automatic Answer, etc.).

Activating an AT Command to RS-232C

<table>
<thead>
<tr>
<th>7</th>
<th>9</th>
<th>1</th>
<th>AT Command no.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lift the handset or press SP-PHONE/MONITOR.</td>
<td>Dial 791.</td>
<td>Enter the AT Command number (1 through 5)</td>
<td></td>
</tr>
<tr>
<td>-1: for Command 1</td>
<td>-1: for Command 2</td>
<td>-1: for Command 3</td>
<td></td>
</tr>
<tr>
<td>-2: for Command 2</td>
<td>-2: for Command 3</td>
<td>-2: for Command 4</td>
<td></td>
</tr>
<tr>
<td>-3: for Command 3</td>
<td>-3: for Command 4</td>
<td>-3: for Command 5</td>
<td></td>
</tr>
<tr>
<td>-4: for Command 4</td>
<td>-4: for Command 5</td>
<td>-4: for Command 5</td>
<td></td>
</tr>
<tr>
<td>-5: for Command 5</td>
<td>-5: for Command 5</td>
<td>-5: for Command 5</td>
<td></td>
</tr>
</tbody>
</table>

<PT Display Example>

MODEM Command X

AT Command number

Conditions

- An AT Command can only be programmed by Serial Interface/remote programming software.
- For more information about the AT Command, please refer to the modem instructions.
- With the KX-T7431, KX-T7433, KX-T7436 or KX-T7235, you can execute this feature using the display operation.

Programming Guide References

[100] Flexible Numbering
[806-807] Serial Interface (RS-232C) Parameters

Features Guide References

External Modem Control

User Manual References

4.5.8 KX-T7235 Display Features - System Feature Access Menu
4.5.11 KX-T7431 / KX-T7433 / KX-T7436 Display Features - System Feature Access Menu
4.3.44 Flash [PT only]

You can disconnect the current call and make another call without hanging up.

**Conditions**
- A disconnection signal must be selected by System Programming in order to execute this feature.

**Programming Guide References**
- [414] Disconnect Time
- [990] System Additional Information

**User Manual References**
- 4.3.42 External Feature Access
4.3.45 Full One-Touch Dialing [PT only]

The hands-free speakerphone is automatically activated. You can enter a phone number or access a system feature with the touch of a button.

**Conditions**

- DSS buttons on a DSS Console can also activate this feature.
- This feature must be initially assigned by Station Programming (Full One-Touch Dialing Assignment).

**User Manual References**

2.2.1 Initial Settings
2.2.2 Flexible Button Assignment
4.3.59 One-Touch Dialing [PT only]
4.3.67 Phantom Extension
4.3.72 Redial, Last Number
4.3.73 Redial, Saved Number [PT only]
4.3.46 Handset Microphone Mute [PT only]

Allow you to turn off the handset microphone so you can consult privately with others in the room. You will still be able to hear the other party. This feature is only available for KX-T7400 series telephone users.

Setting

**PT**

*While on a handset call;*

AUTO ANSWER

MUTE

Press AUTO ANSWER/MUTE

* The AUTO ANSWER/MUTE indicator light flashes red slowly.

Canceling

**PT**

*When handset microphone mute is established;*

AUTO ANSWER

MUTE

Press AUTO ANSWER/MUTE

* The AUTO ANSWER/MUTE indicator light turns off.

Conditions

- This feature is only available during a conversation with the handset.

User Manual References

4.3.54 Microphone Mute [PT only]
4.3.47 Hands-free Answerback [PT only]

You can answer an intercom call without lifting the handset.

Setting

<table>
<thead>
<tr>
<th>PT</th>
</tr>
</thead>
<tbody>
<tr>
<td>When the SP-PHONE and the AUTO ANSWER/MUTE indicator are off:</td>
</tr>
<tr>
<td>AUTO ANSWER</td>
</tr>
<tr>
<td>MUTE</td>
</tr>
<tr>
<td>Press AUTO ANSWER/MUTE.</td>
</tr>
<tr>
<td>• The AUTO ANSWER/MUTE indicator turns on.</td>
</tr>
</tbody>
</table>

Canceling

<table>
<thead>
<tr>
<th>PT</th>
</tr>
</thead>
<tbody>
<tr>
<td>When the AUTO ANSWER/MUTE indicator is on:</td>
</tr>
<tr>
<td>AUTO ANSWER</td>
</tr>
<tr>
<td>MUTE</td>
</tr>
<tr>
<td>Press AUTO ANSWER/MUTE.</td>
</tr>
<tr>
<td>• The AUTO ANSWER/MUTE indicator turns off.</td>
</tr>
</tbody>
</table>

Conditions

- **Ring/Voice Intercom Alerting Mode Override**
  This feature overrides the "Alternate Calling — Ring/Voice" feature. A hands-free conversation mode is established as soon as a confirmation tone is sent.

- This feature does not work for the following calls:
  - Outside calls
  - Doorphone calls

- When an outside call is transferred to your extension, this feature is overridden and a ringing tone is heard.

- This feature is not available for KX-T7250.

User Manual References

4.3.3 Alternate Calling — Ring / Voice
4.3.48 Hands-free Operation [PT only]

You can answer an intercom call without lifting the handset.

Setting

PT

SP-PHONE

Press SP-PHONE.

• The microphone and speaker are now activated and the hands-free operation is available.

Switching from the handset to hands-free mode

PT

SP-PHONE

Press SP-PHONE.

Hang up.

• Do not replace the handset without pressing the SP-PHONE button first, or the line will be disconnected.

Switching from hands-free to the handset mode

PT

Lift the handset.

Conditions

• The hands-free mode is canceled if you do not start dialing within 10 seconds.
• The KX-T7250 have a MONITOR button instead of a SP-PHONE button. It can be used for hands-free dialing, etc., but not for a hands-free conversation.
• You can enable hands-free mode by pressing a CO or INTERCOM button without going off-hook.
• When "Full One-Touch Dialing" is enabled, pressing a One-Touch Dialing, DSS, Phantom, REDIAL or SAVE button provides the hands-free mode.
Helpful hints

- Use this unit in a quiet room for best performance.
- If the other party has difficulty hearing you, decrease the volume.
- If you and the other party speak at the same time, parts of your conversation will be lost. To avoid this, speak alternately.

User Manual References

4.3.45 Full One-Touch Dialing [PT only]
4.3.49  Intercom Calling

You can make a call to another extension user within the system or a tenant.

**Using the handset**

![Diagram showing how to use the handset for intercom calling]

**Using the Speakerphone**

![Diagram showing how to use the speakerphone for intercom calling]

**Using a DSS (Direct Station Selection) button**

![Diagram showing how to use a DSS button for intercom calling]

**Conditions**

- **Extension Number Assignment**
  Extension numbers are assigned to all extensions according to [003] Extension Number Set in the Programming Guide.

- **Call Progress Tone**
  After dialing an extension number, you will hear one of the following tones:
  - Ringback tone: Indicates the destination extension is being called.
  - Confirmation tone: Indicates you can perform voice calling (e.g., Paging).
  - Busy tone: Indicates the destination extension is busy.
  - Do Not Disturb (DND) tone: Indicates the destination extension has set the "Do Not Disturb (DND)" feature.

<PT>

- You can assign a DSS button on a proprietary telephone (PT) or DSS Console by Station, User or System Programming.
- Extension names can be given to all extensions by User or System Programming. An extension number and a name, if programmed, are shown on the display PT during an intercom call.
• Call Directory - Extension Dialing
  With the KX-T7431, KX-T7433, KX-T7436, or KX-T7235, you can make an extension
call using the "Call Directory - Extension Dialing" display operation.

Programming Guide References
  [003] Extension Number Set
  [004] Extension Name Set
  [012] ISDN Extension Number Set
  [013] ISDN Extension Name Set

User Manual References
  2.2.2 Flexible Button Assignment
  3.2.4 [003] Extension Number Set
  3.2.5 [004] Extension Name Set
  4.3.49 Intercom Calling
  4.5.7 KX-T7235 Display Features - Call Directory
  4.5.10 KX-T7431 / KX-T7433 / KX-T7436 Display Features - Call Directory
4.3.50 Live Call Screening (LCS) [PT only]1

While a caller is leaving a message in your mailbox, you can monitor the message. If desired, you can answer the call while monitoring. There are two methods available. In both modes, if you are currently having a conversation, you will hear a Call Waiting tone.

**Hands-free mode:** You can monitor a message automatically through the telephone speaker at the same time.

**Private mode:** You will hear an alert tone while the caller is leaving a message.

**Preparation**

- Activating the LCS mode (System Programming)
- Assigning the LCS button (Station/System Programming)
- Selecting the mode, Hands-free or Private (Station Programming)
- Setting the Password (Feature Number/System Programming)
- Setting the LCS feature

---

1 Available when the Digital Super Hybrid System is connected to a Digital Proprietary Telephone capable Panasonic Voice Processing System (one that supports digital proprietary telephone integration; e.g. KX-TVS100).
Flowchart of the Live Call Screening (LCS) Feature

To set LCS on
- Press LCS button.
- Enter the password.

To cancel LCS
- Press LCS button.

Handsfree Mode

Private Mode

During a conversation
(Call Waiting Tone)

To monitor
(No operation)

Hang up*1

To monitor
Press SP-PHONE/ MONITOR or LCS button.

Lift the handset.

To stop the alert tone
- Press the LCS cancel button.

To stop monitoring
Press FLASH or
FLASH/RCL or the LCS Cancel button.

To answer the call
Press the LCS or the SP-PHONE button.
Lift the handset.

Setting the password

Note
In order to change the password, cancel the current password and then set a new password.
Canceling the password

PT

Lift the handset or press SP-PHONE/MONITOR.

Dial 799.

Enter the same password you used to set.

Confirmation tone and dial tone

Hang up or press SP-PHONE/MONITOR.

<PT Display Example>
Password Cancel

Setting Live Call Screening

PT

When the telephone is idle and on-hook;

(LCS)

Press LCS (flexible button).

Password
Enter the password.

• The LCS indicator light turns on.

<PT Display Example>

Live Call Screen

• In the Hands-free mode:

• In the Private mode:

<PT Display Example>

• If a caller ID call is received at your extension, the display will show the caller's telephone number:

1234567

• In all other cases, the display will show:

Live Call Screen

Canceling Live Call Screening

PT

When the telephone is idle and on-hook;

(LCS)

Press LCS (flexible button).

• The LCS indicator light turns off.
In the Hands-free mode:
When callers are connected to your voice mailbox, the message recording is monitored automatically through your extension speaker. While monitoring in the Hands-free mode, the LCS indicator light flashes green slowly.

Having a conversation with a party

PT

Lift the handset or press SP-PHONE/MONITOR.
Press LCS (flexible button).
• The LCS indicator light turns red from flashing green slowly.
• In Keep Recording mode, the Two-Way Record indicator turns on. Pressing the Two-Way Record button cancels the recording and the light turns off.

Stopping the monitoring

PT

Press FLASH or FLASH/RCL or LCS Cancel (flexible button).
• The LCS indicator light turns red from flashing green slowly.

In the Private mode:
When callers are connected to your voice mailbox, an alert tone is sent. The LCS indicator light flashes green rapidly when a caller is connected to your voice mailbox. (When using a single line telephone, which is connected with a proprietary telephone in parallel, you hear ringing.)

Stopping the alert tone

PT

Press FLASH or FLASH/RCL or Live Call Screening Cancel button.
• The LCS indicator light turns red from flashing green rapidly
• The alert tone stops.
Monitoring the recording message

PT

Lift the handset or press SP-PHONE/MONITOR. or Press the flashing LCS (flexible button). Press INTERCOM.

- The LCS indicator light flashes green slowly.
- To stop monitoring, lift the handset.

The FLASH or FLASH/RCL button or the LCS Cancel button can also be used to stop monitoring. The LCS indicator light turns red from flashing green slowly.

Having a conversation with a party

PT

Lift the handset or press SP-PHONE/MONITOR. or Press the flashing LCS (flexible button).

- The LCS indicator light turns red from flashing green slowly.
- In Keep Recording mode, the Two-Way Record indicator lights.

During a conversation with another party:
When the extension user is having a conversation, a call waiting tone is sent. The LCS indicator light flashes green rapidly.

- If you want to terminate the current call

Monitoring

PT

Hang up or press SP-PHONE/MONITOR. Lift the handset or press SP-PHONE/MONITOR.

- An alarm tone is sent.
- Monitoring Starts.
4.3 Station Features and Operation

Having a conversation with a party

**PT**

- Lift the handset or press SP-PHONE/MONITOR.
- Press the flashing LCS (flexible button).

- If you want to hold the current call

**Monitoring**

**PT**

- Press HOLD.
- Hang up or press SP-PHONE/MONITOR.
- Lift the handset or press SP-PHONE/MONITOR.

- An alarm tone is sent.
- Monitoring Starts.

Having a conversation with the party

**PT**

- Press the flashing LCS (flexible button).
- Lift the handset or press SP-PHONE/MONITOR.

**Conditions**

- The LCS indicator shows the feature status as follows.
  - Red (steady): The Live Call Screening mode is on.
  - Off: The Live Call Screening mode is off.
  - Flashing green slowly: Live Call Screening is acting.¹
  - Flashing green rapidly: Alarm tone is ringing in the Private mode.¹

- The Two-Way Record indicator shows the feature status as follows.
  - On: Recording the conversation
  - Off: Not recording

¹ The DSS button indicator lights red steady while Live Call Screening is active.
• During Keep Recording mode, if you want to stop recording the conversation, press the Two-Way Recording button.

• **Call Waiting**
  If the extension user is busy on a call when a caller begins to leave a message, a call waiting tone is sent (if programmed beforehand). The extension user can put the current call on hold before accessing LCS.

• **LCS button/LCS Cancel button**
  A flexible CO and DSS button can be assigned as an LCS/LCS Cancel button.

• **LCS Password Clear**
  To prevent unauthorized monitoring, a 3-digit password must be set by the extension user. If the user forgets their password, it can be cleared by the Manager extension or an Operator.

**Programming Guide References**

[610] Live Call Screening Recording Mode Assignment

**User Manual References**

  2.2.1 Initial Settings
  2.2.2 Flexible Button Assignment
  4.4.5 Live Call Screening Password Control
  4.5.8 KX-T7235 Display Features - System Feature Access Menu
  4.5.11 KX-T7431 / KX-T7433 / KX-T7436 Display Features - System Feature Access Menu
4.3.51 Lockout

If one party in a conversation goes on-hook, they both are disconnected from the speech path automatically. A reorder tone is sent to the off-hook party before it is disconnected. No operation is necessary.
4.3.52 Log-In / Log-Out

Allows you to assign the Log-In mode or Log-Out mode within a hunting, ring or UCD (Uniform Call Distribution) group. When in the Log-Out mode, you can leave the group temporarily, preventing hunting calls from being sent to your extension. The lightning patterns of the Log-In / Log-Out button and status are as follows.

- **Off**: Log-In mode
- **Red**: Log-Out mode
- **Flashing red moderately**: Calls are waiting in the UCD queue

### Log-In / Log-Out (Using the Log-In / Log-Out button)

<table>
<thead>
<tr>
<th>Action</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lift the handset or press</td>
<td>Lift the handset or press SP-PHONE/MONITOR.</td>
</tr>
<tr>
<td>Press Log-In/Log-Out</td>
<td>Press Log-In/Log-Out (flexible button).</td>
</tr>
<tr>
<td>Confirmation tone and dial</td>
<td>Confirmation tone and dial tone</td>
</tr>
<tr>
<td>Hang up or press</td>
<td>Hang up or press SP-PHONE/MONITOR.</td>
</tr>
</tbody>
</table>

* The Log-In/Log-Out indicator light turns off in Log-In mode or turns steady red in Log-Out mode.
Log-In / Log-Out (Using the feature number)

PT and SLT

Lift the handset or press SP-PHONE/MONITOR.

4 5 1 To Log-In.
4 5 0 To Log-Out.

For Log-In mode: Dial 451.
For Log-Out mode: Dial 450.

Confirmation tone and dial tone
Hang up or press SP-PHONE/MONITOR.

<PT Display Example>
Log-in or Log-out

Conditions

- By default, all extensions in the group are in "Log-In" mode.
- When extensions are logged out, calls directed to the above mentioned group do not come in on their extension.
   However, calls directed to their individual extension (extension call, DIL 1:1, DIL 1:N, etc.) still ring at their extension.

<PT>
- **Log-In/Log-Out button**
  The Log-In / Log-Out button can be assigned to a flexible CO button.
- With the KX-T7431, KX-T7433, KX-T7436 or KX-T7235, you can execute this feature using a display operation.

<ISDN Telephone>
- This feature is not available for ISDN telephones.

Features Guide References

Station Hunting
Ring Group
Uniform Call Distribution (UCD)

User Manual References

2.2.2 Flexible Button Assignment
4.3.84 Uniform Call Distribution (UCD)
4.5.8 KX-T7235 Display Features - System Feature Access Menu
4.5.11 KX-T7431 / KX-T7433 / KX-T7436 Display Features - System Feature Access Menu
4.3.53 Message Waiting

When the called extension or phantom extension is busy or does not answer your call, you can leave a notification so that the called party may call you back.

As a message receiver, the MESSAGE button light and an indication tone which you will hear when going off-hook let you know that a call has been received. If you receive notification, you can call back the original party with a simple operation. If required, you can assign a Flexible (CO, DSS) button as Another Extension Message Waiting button or the Phantom Message Waiting button. For details, consult your dealer or manager.

Setting

<table>
<thead>
<tr>
<th>PT and SLT</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="Image" alt="Diagram" /></td>
</tr>
<tr>
<td>Lift the handset or press SP-PHONE/MONITOR.</td>
</tr>
<tr>
<td><img src="Image" alt="Diagram" /></td>
</tr>
<tr>
<td>Confirmation tone and dial tone</td>
</tr>
</tbody>
</table>

| PT |
|    |
| ![Diagram](Image) |
| Press MESSAGE. | Confirmation tone and dial tone | Hang up or press SP-PHONE/MONITOR. |

If the called extension or phantom extension is busy or does not answer:
Canceling

PT and SLT

Lift the handset or press SP-PHONE/MONITOR. Dial 700. Dial the extension number or the phantom extension number where you left a message notification.

Confirmation tone and dial tone. Hang up or press SP-PHONE/MONITOR.

Checking and Selecting a message notification by the receiver

Display PT

If there is any message notification, the message waiting lamp, another extension message waiting lamp or phantom extension message lamp (MESSAGE indicator) light will be on. When the telephone is idle and on-hook;

Press MESSAGE button, Another Extension Message button or the Phantom Message button repeatedly until the desired message appears.

- The message notifications you received are shown on the display in the order they were received.

<PT Display Example>
When Tony at extension 123 left a message notification:

123 : Tony

Calling back the message notification sender

PT

Lift the handset or press SP-PHONE/MONITOR. Dial tone 4*, when a message has been received at your extension. Press MESSAGE button, Another Extension Message button or the Phantom Message button.

- The message notification is cleared after the conversation.

* If there are more than one message notification left on your extension, you can choose the desired message sender (display PT only).

* One of the dial tones. Refer to the " Tone List" in the Appendix (Section 6).
4.3 Station Features and Operation

**PT and SLT**

- Lift the handset or press SP-PHONE/MONITOR.
- Dial tone 4*, when a message has been received at your extension.
- Dial 702.
- Talk.

* The message notification is cleared after the conversation.

* One of the dial tones. Refer to the "Tone List" in the Appendix (Section 6).

**Clearing all message notifications left on your extension**

**PT and SLT with Message Lamp**

- Lift the handset or press SP-PHONE/MONITOR.
- Dial tone 4*, when a message has been received at your extension.
- Dial 702.
- Dial your extension number.
- Hang up or press SP-PHONE/MONITOR.

* All message notifications are cleared.

* One of the dial tones. Refer to the "Tone List" in the Appendix (Section 6).

**Conditions**

- The system supports a maximum of 128 simultaneous messages. Except these, up to 128 phantom messages can be recorded. If you try to set the 129th message, you will hear a reorder tone.
- **Callback Order**
  If multiple message notifications are left at your extension, callback is executed in the order received.
- If you select a specific message to call back, callback is executed in the order received, starting with the one selected.
- **VPS Integration**
  If VPS Integration is employed, a VM extension informs an extension that a message is left in his/her mailbox by turning on the MESSAGE lamp.
  The extension user can listen to the message in the mailbox simply by pressing the red lit MESSAGE lamp.
• Even if the MESSAGE buttons are neither provided nor assigned, dial tone 4" after going off-hook informs you if a message has been received at your extension. For standard telephone users, a special ring tone can be provided as notification.

• With the KX-T7431, KX-T7433, KX-T7436 or KX-T7235, you can set or cancel this feature using the display operation.

<7250>
• A flexible button on the KX-T7250 (no MESSAGE button provided) can be assigned as the MESSAGE buttons.

<SLT>
• Standard telephone users with a message waiting lamp can activate the lamp in the same way as a MESSAGE button on the proprietary telephone by connecting a SLT Message Waiting Lamp Adaptor Unit (KX-TD194) to the system. The message waiting lamp lightning pattern can be selected from twelve patterns. System Programming is required to use this feature.

<ISDN Telephone>
• This feature is not available for ISDN telephones.

**Programming Guide References**
[130] Message Waiting Control
[131] Message Waiting Lamp Assignment
[132] Message Waiting Port Set
[216] Message Waiting Ring Interval Time
[990] System Additional Information

**User Manual References**
2.2.2 Flexible Button Assignment
4.5.8 KX-T7235 Display Features - System Feature Access Menu
4.5.11 KX-T7431 / KX-T7433 / KX-T7436 Display Features - System Feature Access Menu

---

* One of the dial tones. Refer to the "Tone List" in the Appendix (Section 6).
4.3.54 Microphone Mute [PT only]

During a conversation in the hands-free mode, you can turn off your PT's microphone so that you can consult privately with others in the room. When you activate Microphone Mute, you can still listen to your caller's voice but your caller cannot hear your voice.

Setting

**PT**

*During a conversation in the hands-free mode;*

AUTO ANSWER

MUTE

Press AUTO ANSWER/MUTE.

- The AUTO ANSWER/MUTE indicator light flashes red slowly.

Canceling

**PT**

*When microphone mute is established;*

AUTO ANSWER

MUTE

Press AUTO ANSWER/MUTE.

- The AUTO ANSWER/MUTE indicator light turns off.

**Conditions**

- This feature is only available during a hands-free conversation.
- This feature is not available for KX-T7250.
4.3.55 Night / Day (Lunch / Break) Service

This system supports both the night and day modes of operation. The day mode includes the lunch and break modes. The system operation for originating and receiving calls can be changed depending on the mode. You can transfer received outside calls to assigned extension groups while in the lunch or break mode. Toll restriction calls can be programmed to prevent unauthorized toll calls at night. The Day/Lunch/Break/Night modes can be switched manually at any desired time by a pre-assigned extension user, operator or manager. The operator or manager can perform the operation using the display.

If the Night button is assigned, its lighting patterns and status are as follows.

- Off: Day/Lunch/Break mode
- Red: Night mode

Switching the mode (Display operation)

**7235 / 7436**

Press Features.

Rotate Jog Dial or press NEXT until the following is displayed.

- 0: Day Mode
- 1: Night Mode
- 2: Lunch Mode
- 3: Break Mode

Enter the desired mode number (0 to 3).

*The display shows the current mode.*

Hang up or press SP-PHONE.
Switching the mode (Display operation)

7431

Press MODE until "Feature Access" is displayed.

Rotate Jog Dial until "Night Mode" is displayed.

Press SELECT.

[0] Day Mode
[1] Night Mode
[2] Lunch Mode
[3] Break Mode

Enter the desired mode number (0 to 3).

* The display shows the current mode.

Switching Day/Night mode (Display operation)

7433

Press SHIFT until "FEAT" is displayed.

Press FEAT.

Rotate Jog Dial until "Night Mode" is at the arrow.

Press SEL.

[0] Day Mode
[1] Night Mode
[2] Lunch Mode
[3] Break Mode

Enter the desired mode number (0 to 3).

* The display shows the current mode.
Switching Day/Night mode (DAY/NIGHT button operation)

PT

Lift the handset or press SP-PHONE/MONITOR.
Press DAY/NIGHT (flexible button).
Confirmation tone and dial tone
Hang up or press SP-PHONE/MONITOR.

• The status of DAY/NIGHT indicator:
  - Day mode: Off
  - Night mode: On (Red)

• The display shows the current mode.

Switching Day/Night modes (Feature number operation)

Any Telephone

Lift the handset or press SP-PHONE/MONITOR.
Dial 78.

0: Day Mode
1: Night Mode
2: Lunch Mode
3: Break Mode

Enter the desired mode number (0 to 3).

• The display shows the current mode.

Confirming the current mode

Display PT

When the telephone is idle:

# Press #.

• The display shows the current mode for three seconds.
Conditions

- The following items have separate day and night programming.
  a) Outgoing Permitted Outside Line Assignment
  b) Direct In Lines (DIL)
  c) Doorphone Ringing Assignment
  d) Extension Ringing Assignment
  e) Ringing, Delayed
  f) Toll Restriction Level
  g) Direct Inward Dialing (DID)
  h) Intercept Routing
  i) Outgoing Permitted Outside Line Assignment for ISDN Extension
- Only a DIL 1:1 destination can perform in lunch / break mode. And any other feature can perform in day mode.

Class of Service
Class of Service programming determines the extensions that can perform this feature.

- The Day/Lunch/Break/Night mode is automatically switched at a predetermined time (default: 9:00 a.m. for all days of the week; 12:00 p.m – 12:59 p.m for lunch; 3:00 p.m – 3:29 p.m for break; 5:00 p.m. for all nights of the week) if automatic switching mode is selected in System Programming.

<PT>
- A flexible CO and DSS button can be assigned as the Night button.

Programming Guide References
[101] Day / Night Service Switching Mode
[102] Day / Night Service Starting Time
[150] Lunch Service Starting / Ending Time
[151] Break Service Starting / Ending Time
[457-458] DIL 1:1 — Lunch / Break Group
[510] Night Service Access
[620] Lunch / Break Group Assignment

Features Guide References
Direct Inward Dialing (DID)
Direct In Lines (DIL)
Intercept Routing
Outside Line Connection Assignment — Outgoing
Ringing, Delayed
Toll Restriction
Integrated Services Digital Network (ISDN)
User Manual Reference

2.2.2  Flexible Button Assignment
4.3.36  Doorphone Call
4.5.8   KX-T7235 Display Features - System Feature Access Menu
4.5.11  KX-T7431 / KX-T7433 / KX-T7436 Display Features - System Feature Access Menu
4.3.56 Off-Hook Call Announcement (OHCA)

Allows you to signal a busy extension on a handset call that your call is waiting. Your voice is heard through the built-in speaker of the called party’s PT (KX-T7235 or KX-T7436). The called extension user can select to talk to you or their initial caller.

**Setting**

**7235 / 7436**

Lift the handset or press SP-PHONE.

Dial **7312**.

Confirmation tone and dial tone

Hang up or press SP-PHONE.

*PT Display Example*

Call Waiting 2

**Canceling**

**7235 / 7436**

Lift the handset or press SP-PHONE.

Dial **7310**.

Confirmation tone and dial tone

Hang up or press SP-PHONE.

*PT Display Example*

Call Waiting Off

**Executing**

**7230 / 7235 / 7433 / 7436**

*If you hear a busy tone after making an intercom call;*

Press BSS (S1).

Confirmation tone

Wait for an answer and talk.
Executing

Any Telephone

*If you hear a busy tone after making an intercom call:*

1

Dial 1. Confirmation tone Wait for an answer and talk.

To talk to the third party

7235 / 7436

*If OHCA is activated by the other party when you are engaged in a call using the handset, you hear a confirmation tone and then the caller's voice through the built-in speaker of your PT.*

Speak with the third party through microphone.

- The caller's number or name is shown on the display for five seconds in 10 seconds intervals.
- <PT Display Example>

  123: Tony

  Caller's extension number

  You can talk to two parties individually.
To talk to the third party by terminating the current call in hands-free mode

If OHCA is activated by the other party when you are engaged in a call using the handset, you hear a confirmation tone and then the caller's voice through the built-in speaker of your PT.

Hang up or press SP-PHONE.

• The current call is disconnected.
• The INTERCOM indicator light turns green.

Speak with the third party through microphone.

• You can talk in hands-free mode.

To talk to the third party after placing the current call on hold

If OHCA is activated by the other party when you are engaged in a call using the handset, you hear a confirmation tone and then the caller's voice through the built-in speaker of your PT.

Press HOLD.

• The current call is placed on hold.
• The INTERCOM indicator light flashes green slowly.
Conditions

- **BSS / OHCA / Whisper OHCA**
  If an extension user dials "1" while hearing a busy tone, BSS or OHCA or Whisper OHCA will be activated at the called extension.
  This is determined by the following conditions.

<table>
<thead>
<tr>
<th>Calling extension</th>
<th>Called extension</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>COS-OHCA</strong></td>
<td><strong>Call Waiting setting</strong></td>
</tr>
<tr>
<td><strong>assignment</strong></td>
<td><strong>OFF</strong></td>
</tr>
<tr>
<td><strong>0</strong></td>
<td><strong>1</strong></td>
</tr>
<tr>
<td><strong>Disable</strong></td>
<td><strong>—</strong></td>
</tr>
<tr>
<td><strong>Enable</strong></td>
<td><strong>—</strong></td>
</tr>
</tbody>
</table>

° OHCA (Off-Hook Call Announcement) is activated when the called extension is KX-T7235 or KX-T7436.
°² Whisper OHCA is activated when both calling and called extensions are using one of the KX-T7400 series PT.

- If "Do Not Disturb (DND)" feature is set at the called extension, you hear DND tone. In this case, to execute OHCA, you must first activate "Do Not Disturb (DND) Override" feature before OHCA is available.

- **Call Waiting**
  This feature is only effective if the called extension has set "Call Waiting" feature. If not, you will hear a reorder tone after dialing 1.

**<PT>**
- This feature works when the other extension is in off-hook status and the INTERCOM button is idle/lit in green.

Programming Guide References
[509] Off-Hook Call Announcement (OHCA)

User Manual References

- 4.3.7 Busy Station Signaling (BSS)
- 4.3.27 Call Waiting
- 4.3.57 Off-Hook Call Announcement (OHCA) — Whisper [PT only]
4.3.57 Off-Hook Call Announcement (OHCA) — Whisper [PT only]

This is a version of the OHCA feature. The difference is, OHCA provides two-way communication between two extensions but this feature provides one-way communication. When this feature is activated, the called party can hear caller's voice through the handset but the caller cannot hear the called party's voice.

By default, this feature is available only when both calling and called extensions are using KX-T7400 series PTs.

Setting

74XX

7 3 1 3
Dial 7313.

<PT Display Example>
Call Waiting 3

Canceling

74XX

7 3 1 0
Dial 7310.

<PT Display Example>
Call Waiting Off

Executing

7433 / 7436

If you hear a busy tone after making an intercom call:

Press BSS (S1).

Confirmation tone

Wait for an answer and talk.
4.3 Station Features and Operation

Executing

**74XX**

If you hear a busy tone after making an intercom call;

1

Dial 1.

Confirmation tone

Wait for an answer and talk.

Receiving a voice announcement

**74XX**

If Whisper OHCA is activated by the other party when you are engaged in a call, you hear a confirmation tone. Then you will be engaged in both calls with the current caller (two-way) and the third party (one-way).

<PT Display Example>
The caller's extension number or name is shown on the display for five seconds in 10 seconds intervals.

123: Tony

Caller's extension number

To talk to the third party by terminating the current call in hands-free mode

**74XX**

If Whisper OHCA is activated by the other party when you are engaged in a call, you hear a confirmation tone. Then you will be engaged in both calls with the current caller (two-way) and the third party (one-way).

Hang up.

Speak with the third party through microphone.

- The current call is disconnected.
- The INTERCOM indicator light turns green.
- You can talk in hands-free mode.
To talk to the third party after placing the current call on hold

**If Whisper OHCA is activated by the other party when you are engaged in a call, you hear a confirmation tone. Then you will be engaged in both calls with the current caller (two-way) and the third party (one-way).**

- **HOLD**
- **Talk.**

Press HOLD.

- The current call is placed on hold.
- The INTERCOM indicator light flashes green slowly.

**Conditions**

- This feature can be enabled to any PTs (other than KX-T7400 series PT) by System Programming.
- If the Whisper OHCA sender does not use a KX-T7400 series telephone, Whisper OHCA works as OHCA. If the receiver does not use a KX-T7400 series telephone, Whisper OHCA may not work properly. (e.g. the announcement may be heard by the other party.)
- Class of Service programming determines which extension can perform Whisper OHCA.
- The Whisper OHCA receiving extension display shows the calling extension's number or name for 5 seconds in 10 second intervals.
- You can select to receive a Call Waiting tone, OHCA, Whisper OHCA or none of these at your extension.
- The receiving mode may shift depending on the setting on each telephone or the telephone type.
  <Example> If the user selects 3 (Whisper OHCA mode):
  - If using a KX-TD7436 handset: Whisper OHCA
  - If using a KX-TD7436 SP-PHONE: Call Waiting
  - Other: Call Waiting
- The Whisper OHCA sender will receive a ringback tone in the following cases.
  - If the receiver presses the TRANSFER, CONF, SP-PHONE, DSS or CO button.
  - If the party who is talking with the receiver disconnects the line or presses the TRANSFER, CONF or HOLD button.

**Programming Guide References**

[509] Off-Hook Call Announcement (OHCA)

**User Manual References**

4.3.7 Busy Station Signaling (BSS)
4.3.27 Call Waiting
4.3.56 Off-Hook Call Announcement (OHCA)
4.3.58 Off-Hook Monitor [PT only]

While you are on a handset call, your call can be monitored by the others in the room through SP-PHONE.
This feature is only available for the KX-T7431, KX-T7433 and KX-T7436 telephone users.

Setting

While on a handset call;

- Press SP-PHONE.
  - The SP-PHONE indicator light turns red.
  - Your handset call is heard through the SP-PHONE.

Switching from off-hook monitor to handset call

While in the off-hook monitor mode;

- Press SP-PHONE.
  - The SP-PHONE indicator light turns off.
  - Off-hook monitor mode is canceled and handset call mode is established.

Switching from off-hook monitor to hands-free mode

While in the off-hook monitor mode;

- Hang up.
  - Off-hook monitor mode is canceled and hands-free mode is established.
Conditions
- Making an OHCA call is not available if the other extension is in Off-Hook Monitor mode.
- This feature is only available during a conversation with the handset.

Programming Guide References
[148] Off-Hook Monitor

User Manual References
4.3.48 Hands-free Operation [PT only]
4.3.59 One-Touch Dialing [PT only]

Allows you to make a call (intercom or outside) or access a system feature with the touch of a button. This is done by storing an extension number, telephone number or feature number (up to 16 digits) in a One-Touch Dialing button.

Dialing

<table>
<thead>
<tr>
<th>PT</th>
<th>(CO)</th>
<th>(One-Touch)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lift the handset or press SP-PHONE/MONITOR.</td>
<td>Press CO, if required.</td>
<td>Press One-Touch Dialing (Flexible button).</td>
</tr>
</tbody>
</table>

Conditions

- One-Touch Dialing button can be programmed by Station, User or System Programming.
- If you store the telephone number of an outside party, a line access code (9, or 81 through 88) must be stored as the leading digit.
- You may press a CO button to select a desired outside line directly before pressing the One-Touch Dialing button.
- **Combination dialing**
  Speed Dialing, One-Touch Dialing, manual dialing, Last Number Redial and Saved Number Redial can be used in a combination.
- **Storing more than 17 digits number**
  It is possible to store a number consisting of 17 digits or more by dividing it and storing it in two One-Touch Dialing buttons. In this case, an outside line access code should be stored in the first button.
- **Full One-Touch Dialing**
  If "Full One-Touch Dialing" is enabled by Station Programming, you can press the One-Touch Dialing button directly without going off-hook.

User Manual References

2.2.2 Flexible Button Assignment
4.3.45 Full One-Touch Dialing [PT only]
4.3.60 Operator Call

Allows you to call an operator within the system. Two extensions can be assigned as Operator 1 and 2.

Any Telephone

Lift the handset or press SP-PHONE/MONITOR.
Dial 0.

Conditions

- If no operator is assigned, this feature is not available and you will hear a reorder tone after dialing the feature number.
- The call is routed to Operator 1 first. If Operator 1 is busy, then it is routed to Operator 2. Through System Programming, it is possible to change the routing so that Operator 1 and Operator 2 are called simultaneously when the operator is called.

Programming Guide References

[990] System Additional Information
4.3.61 Outward Dialing, Line Access — SUMMARY

A CO line can be accessed in the following ways.

**<PT users>**

| Line Access, Automatic          | Dial the feature number (9).  
|                                | or Press a Loop-CO (L-CO) button |
| Line Access, Outside Line Group | Dial the feature number (8) and an outside line group (1-8).  
|                                | or Press a Group-CO (G-CO) button. |
| Line Access, Individual        | Press a Single-CO (S-CO) button. |

**<SLT and ISDN telephone users>**

| Line Access, Automatic          | Dial the feature number (9).  
| Line Access, Outside Line Group | Dial the feature number (8) and an outside line group number (1-8). |

**Conditions**

- The CO button assignment on your telephone can be re-arranged as required. Refer to 2.2.2 Flexible Button Assignment.
- After dialing the feature number or pressing the CO button, you will hear one of the following tones:
  
  **Dial tone**: Indicates an idle outside line is accessed.
  
  ![COXX](image)
  
  — is shown on the display. (xx: outside line number)

  **Busy tone**: Indicates the selected outside line is busy.
  
  ![CO in use](image)
  
  — is shown on the display.

  **Reorder tone**:
  
  1) Indicates the outside line you have attempted to access is not assigned.

  ![CO Not Assigned](image)
  
  — is shown on the display.

  2) Indicates access to outside lines is denied.

  ![Restricted](image)
  
  — is shown on the display.

- Restricted may show on the display or if you hear a reorder tone, the call is restricted for one of the following reasons.
— The extension has been locked by the owner (Electronic Station Lockout) or the operator / manager (Remote Station Lock Control).
— The extension is restricted by the account code mode, "Verified - All Calls" or "Verified - Toll Restriction Override."
— The extension is restricted from making toll calls (Toll Restriction).

Programming Guide References
[103] Automatic Access Outside Line Assignment
[400] Outside Line Connection Assignment
[605-606] Outgoing Permitted Outside Line Assignment — Day / Night
[614-615] Outgoing Permitted Outside Line Assignment — Day / Night for ISDN Extension
[728] T1 Extension Outgoing Permitted Outside Line Assignment — Day
[729] T1 Extension Outgoing Permitted Outside Line Assignment — Night

Features Guide References
Toll Restriction

User Manual References
2.2.2 Flexible Button Assignment
4.3.2 Account Code Entry
4.3.40 Executive Busy Override — Outside Line [PT only]
4.4.7 Remote Station Lock Control

Line Access, Automatic
Allows you to select an available outside line automatically.

Any Telephone

Lift the handset or press SP-PHONE/MONITOR.

For PT: Press CO assigned as Loop-CO.
For any telephone: Dial 9.

Hang up or press SP-PHONE/MONITOR.

Dial tone

Dial the phone number.

Talk.

• The selected CO indicator light turns green.

• The display shows the phone number.
Conditions

- You may press the L-CO button directly without first going off-hook.

Line Access, Individual [PT only]

You can get an idle outside line for making a call by simply pressing a CO button (Single-CO) directly.

- The CO indicator light turns green.
- The display shows the phone number.

Conditions

- You may press the CO button directly without first going off-hook.

Line Access, Outside Line Group

Allows you to select an idle outside line within a designated trunk group. Through programming, outside lines can be divided into eight line groups.

- The selected CO indicator light turns green.

Conditions

- You may press the G-CO button directly without first going off hook.
4.3.62 Paging — SUMMARY

Allows you to make a voice announcement to several people at the same time. Your message is announced over the built-in speakers of proprietary telephones (PT) and/or external speakers (External Pagers). The paged person can answer your page from a nearby telephone. There are three types of paging as shown below. You can select the appropriate type according to your needs.

<table>
<thead>
<tr>
<th>Type</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Paging — All</td>
<td>Paging through both the built-in speakers of PTs and external pagers.</td>
</tr>
<tr>
<td>Paging — External</td>
<td>Paging through all of the external pagers simultaneously.</td>
</tr>
<tr>
<td>Paging — Group</td>
<td>Paging to a specific external pager.</td>
</tr>
<tr>
<td></td>
<td>Paging to all paging groups simultaneously.</td>
</tr>
<tr>
<td></td>
<td>Paging to a particular group of extensions through the built-in speakers of PTs.</td>
</tr>
</tbody>
</table>

**Conditions**

- To answer the page, refer to 4.3.63 Paging — ANSWER.
- The paged extension users hear a confirmation tone before the voice announcement.
- A confirmation tone from external pagers (External Pager Confirmation Tone) is audible at the paged side, before the voice announcement. Eliminating the tone is programmable.
- A confirmation tone is sent to extension before making the voice announcement. Eliminating the tone is programmable by System Programming.

<PT>

- To deny receiving the page, refer to 4.3.64 Paging — Deny [PT only].
- With the KX-T7431, KX-T7433, KX-T7436 or KX-T7235, you can execute "Paging" feature using the display operation.

**Programming Guide References**

- [602] Extension Group Assignment
- [805] External Pager Confirmation Tone
- [990] System Additional Information

**User Manual References**

- 4.3.63 Paging — ANSWER
- 4.3.64 Paging — Deny [PT only]
- 4.5.8 KX-T7235 Display Features - System Feature Access Menu
- 4.5.11 KX-T7431 / KX-T7433 / KX-T7436 Display Features - System Feature Access Menu
Paging — All

Allows you to make a voice announcement to all extensions. Your message is announced over the built-in speakers of the proprietary telephones (PT) and external pagers.

Any Telephone

Lift the handset or press SP-PHONE/MONITOR.

Dial 32 * or 33 *.

Confirmation tone (Optional)

Announce.

Wait for an answer.

Talk.

<Paging Example>

All Call Page

Paging — External

Allows you to make a voice announcement over external pagers.

To access all external pagers

Any Telephone

Lift the handset or press SP-PHONE/MONITOR.

Dial 320.

Confirmation tone (Optional)

Announce.

Wait for an answer.

Talk.

<Paging Example>

Extrnl Page All
To access a particular pager

Any Telephone

Lift the handset or press SP-PHONE/MONITOR.
Dial 32.
Dial external pager number (1 for KX-TD816 / 1 through 4 for KX-TD1232).
Confirmation tone (optional)
Announce. Wait for an answer.
Talk.

<PT Display Example>
Extrnl Page X

Conditions

- If the designated pager is in use, a busy tone is heard.
- The paging priorities are as follows:
  a) TAFAS (Trunk Answer From Any Station)
  b) Paging – External
  c) Background Music (BGM) – External
If a higher priority page is requested when a lower priority page is active, the higher priority overrides the lower one.

User Manual References

4.4.2 Background Music (BGM) — External
4.3.82 Trunk Answer From Any Station (TAFAS)
Paging — Group

You can make a paging announcement by selecting a particular paging group. You can select a maximum of 8 paging groups simultaneously. The announcement can only be heard through the built-in speakers of PTs.

To access all paging groups (1-8) simultaneously

Any Telephone

- Lift the handset or press SP-PHONE/MONITOR.
- Dial 330.
- Confirmation tone (optional)
- Announce.
- Wait for an answer.
- Talk.

Group Page All

To access a particular paging group

Any Telephone

- Lift the handset or press SP-PHONE/MONITOR.
- Dial 33.
- Enter the paging group number (1 through 8).
- Confirmation tone (optional)
- Announce.
- Wait for an answer.
- Talk.

Group Page X

pacing group number
(1 through 8)

Conditions

- There is a maximum of eight extension groups. "Paging – Group" to different groups can performed simultaneously.
- The "Paging – Group" feature overrides Do Not Disturb (DND) at an extension.
4.3.63 Paging — ANSWER

Allows you to answer an announced page at any extension within the system.

**Answering a page sent through a built-in speaker**

PT and SLT

Lift the handset or press SP-PHONE/MONITOR.  
Dial 43.  
Confirmation tone (optional)  
Talk.

**Answering a page sent through a particular external pager**

PT and SLT

Lift the handset or press SP-PHONE/MONITOR.  
Dial 42.  
Dial external pager number (1 for KX-TD816 / 1 through 4 for KX-TD1232).  
Confirmation tone (optional)  
Talk.

**Conditions**

- Only extensions within the paged group can answer "Paging — Group."
- A confirmation tone is audible when the page is answered. Eliminating the tone is programmable by System Programming.

**<PT>**

- With the KX-T7431, KX-T7433, KX-T7436 or KX-T7235, you can execute this feature using the display operation.

**<ISDN Telephone>**

- The ISDN telephone users can only answer a page sent to an external pager.

**Programming Guide References**

[990] System Additional Information

**User Manual References**

4.5.8 KX-T7235 Display Features - System Feature Access Menu
4.5.11 KX-T7431 / KX-T7433 / KX-T7436 Display Features - System Feature Access Menu
4.3.64 Paging — Deny [PT only]

Allows you to deny receiving paging announcement through the built-in speakers of your telephone.

**Setting**

![Setting Diagram]

- Lift the handset or press SP-PHONE/MONITOR.
- Dial 7211.
- Confirmation tone
- Hang up or press SP-PHONE/MONITOR.

*<PT Display Example>*

Paging Deny On

**Canceling**

![Canceling Diagram]

- Lift the handset or press SP-PHONE/MONITOR.
- Dial 7210.
- Confirmation tone
- Hang up or press SP-PHONE/MONITOR.

*<PT Display Example>*

Paging Deny Off

**Conditions**

- With the KX-T7431, KX-T7433, KX-T7436 or KX-T7235, you can execute this feature using the display operation.

**User Manual References**

4.5.8 KX-T7235 Display Features - System Feature Access Menu
4.5.11 KX-T7431 / KX-T7433 / KX-T7436 Display Features - System Feature Access Menu
4.3.65 Paging and Transfer

You can transfer a call after making a paging announcement via Paging — All, Paging — External, or Paging — Group.

Using Paging — All

Any Telephone

During a conversation;

For PT: Press TRANSFER.
For SLT and ISDN telephone: Flash the hookswitch.

Dial tone

3 2 *

or

3 3 *

Confirmation tone (optional)

Announce.

* The other party is placed on consultation hold.

Wait for an answer.

Confirmation tone (optional)

Hang up or press SP-PHONE/MONITOR.

* The held party and the paged extension are connected and can start a conversation.
Using Paging — External: to all external pagers

Any Telephone

During a conversation:

For PT: Press TRANSFER. For SLT and ISDN telephone: Flash the hookswitch.

Dial tone

3 2 0

Confirmation tone (optional)

Announce.

* The other party is placed on consultation hold.

Wait for an answer. Confirmation tone (optional) Hang up or press SP-PHONE/MONITOR.

* The held party and paged extension are connected and can start a conversation.

Using Paging — External: to a particular external pager

Any Telephone

During a conversation:

For PT: Press TRANSFER. For SLT and ISDN telephone: Flash the hookswitch.

Dial tone

3 2

Dial external pager number (1 for KX-TD816 / 1 through 4 for KX-TD1232).

Confirmation tone (optional)

Announce. Wait for an answer. Confirmation tone (optional) Hang up or press SP-PHONE/MONITOR.

* The held party and paged extension are connected and can start a conversation.
Any Telephone

During a conversation:

For PT

For SLT and ISDN telephone

For PT: Press TRANSFER. For SLT and ISDN telephone: Flash the hookswitch.

Dial tone

Dial tone (optional)

Dial 33.

Confirmation tone (optional)

- The other party is placed on consultation hold.

Announce.

Wait for an answer.

Confirmation tone (optional)

Hang up or press SP-PHONE.

- The held party and the paged extension are connected and can start a conversation.

Using Paging — Group: to all paging groups

Using Paging — Group: to a particular paging group

Any Telephone

During a conversation:

For PT

For SLT and ISDN telephone

For PT: Press TRANSFER. For SLT and ISDN telephone: Flash the hookswitch.

Dial tone

Dial tone (optional)

Dial 33.

Confirmation tone (optional)

Enter a paging group number (1 through 8).

- The other party is placed on consultation hold.

Announce.

Wait for an answer.

Confirmation tone (optional)

Hang up or press SP-PHONE.

- The held party and the paged extension are connected and can start a conversation.
Conditions

- A confirmation tone is audible before making the voice announcement. Eliminating the tone is programmable.

Programming Guide References

[602] Extension Group Assignment
[805] External Pager Confirmation Tone
[990] System Additional Information
4.3.66 Paralleled Telephone Connection

A Proprietary Telephone (PT) can be connected in parallel with a single line telephone (SLT). This feature allows you to enable or disable SLT ringing. When a parallel connection is made, either telephone can be used.

**To enable / disable SLT ringing**

<table>
<thead>
<tr>
<th>PT</th>
<th>3 9</th>
<th>1 0</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lift the handset or press SP-PHONE/MONITOR.</td>
<td>Dial 39.</td>
<td>For Ring mode: Dial 1. For No Ring mode: Dial 0.</td>
</tr>
</tbody>
</table>

Confirmation tone (optional) | Hang up or press SP-PHONE.

<PT Display Example>

- Parallel On (when enabling)
- Parallel Off (when disabling)

**Conditions**

- The default is "Parallel Off (No ring)."
- The PT can be used to perform normal operations whether or not the SLT is set to ring.
- **When receiving a call:**
  - If SLT ringing is enabled, then both the PT and the SLT will ring except when the PT is in "Hands-free Answerback" mode or Voice-Calling mode with the "Alternate Calling — Ring/Voice" feature.
  - If SLT ringing is disabled, then the PT rings but the SLT does not. However, the SLT can answer the call.
- When the SLT is in use, the display and the indicators of the PT will work in the same way as if the PT is in use.
- In the DPT + SLT combination, if one telephone goes off-hook while the other telephone is on a call, the call is switched to the former.
- If you go off-hook while your paralleled telephone is in use, the call will switch over to your telephone, and vice versa.
- The "XDP" feature is available.

---

"XDP (eXtra Device Port) expands the number of telephones available in the system by allowing an extension port to contain two telephones. For more details, please consult with your dealer."
<PT>
  • With the KX-T7431, KX-T7433, KX-T7436, or KX-T7235, you can execute this feature using the display operation.

<ISDN Telephone>
  • This feature is not available for ISDN telephones.

Feature Guide References
EXtra Device Port (XDP)

User Manual References
4.3.3 Alternate Calling — Ring / Voice
4.3.47 Hands-free Answerback [PT only]
4.5.8 KX-T7235 Display Features - System Feature Access Menu
4.5.11 KX-T7431 / KX-T7433 / KX-T7436 Display Features - System Feature Access Menu
4.3.67 Phantom Extension

Allows you to route calls to a phantom extension. The call arrives at the extension who has the corresponding Phantom button. A flexible CO button can be assigned as the Phantom button. The lighting patterns of Phantom button and status are as follows.
- Off : Idle
- Red : You are calling a phantom extension.
- Flashing green rapidly : Incoming call

To call a phantom extension

### PT

While the Phantom button indicator light is off;

(Phantom) or **phantom extension no.**

Press Phantom (flexible button). Dial the **phantom extension number**.

- You may dial the phantom extension number instead.
- The Phantom indicator light turns red (steady).

### SLT and ISDN Telephone

Lift the handset. Dial the **phantom extension number**. Talk.
To transfer a call to a phantom extension (Screened Call Transfer)

**PT**

*During a conversation:*

- Press **TRANSFER**.
  - Confirmation tone
  - Dial tone

- Press **Phantom** (flexible button).
  - Ringback tone

- The other party is placed on consultation hold.

- You may dial the phantom extension number instead.

- The call is transferred.

- Wait for an answer.
- Announce.
- Hang up or press SP-PHONE/MONITOR.

**SLT and ISDN Telephone**

*During a conversation:*

- Flash the switchhook.
  - Confirmation tone
  - Dial tone

- Dial the destination **phantom extension number**.

- The other party is placed on consultation hold.

- The call is transferred.

- Wait for an answer.
- Announce.
- Hang up.
To transfer a call to a phantom extension (Unscreened Call Transfer)

**PT**

*During a conversation;*

<table>
<thead>
<tr>
<th>Action</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Press <strong>TRANSFER</strong></td>
<td>Confirmation tone</td>
</tr>
<tr>
<td></td>
<td>Dial tone</td>
</tr>
<tr>
<td>Press <strong>Phantom</strong></td>
<td>Ringback tone</td>
</tr>
<tr>
<td>(flexible button)</td>
<td>Hang up or press SP-PHONE/MONITOR</td>
</tr>
</tbody>
</table>

- The other party is placed on hold. Consultation hold.
- Ringing starts at the destination extension.
- The call is transferred.

**SLT and ISDN Telephone**

*During a conversation;*

<table>
<thead>
<tr>
<th>Action</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flash the switchhook.</td>
<td>Confirmation tone</td>
</tr>
<tr>
<td></td>
<td>Dial tone</td>
</tr>
<tr>
<td><strong>phantom extension no.</strong></td>
<td>Dial the destination phantom extension number.</td>
</tr>
<tr>
<td></td>
<td>Ringback tone</td>
</tr>
<tr>
<td></td>
<td>Hang up.</td>
</tr>
</tbody>
</table>

- The other party is placed on hold. Consultation hold.
- Ringing starts at the destination extension.

To answer a phantom extension call

**PT**

*While the Phantom button indicator light is flashing green;*

<table>
<thead>
<tr>
<th>Action</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Press <strong>Phantom</strong></td>
<td>(flexible button)</td>
</tr>
</tbody>
</table>

Press **Phantom** (flexible button).
Conditions

- A phantom number must be assigned by System Programming before assigning the Phantom Extension button by Station Programming or System Programming.
- If several extensions have the same phantom extension number, they will ring simultaneously.
- A maximum of 128 phantom numbers can be assigned by System Programming.
- The Phantom button cannot be used for feature settings such as "Call Forwarding."
- It is programmable not to ring the extension when a call is received at a phantom extension by Station Programming.
- **Phantom Extension button on a DSS Console:**
  Allows the operator to transfer a call to a phantom extension by the Phantom Extension button on the DSS Console.

Programming Guide References

- [005] Flexible CO Button Assignment
- [124] Phantom Extension Number Assignment

User Manual References

- 2.2.2 Flexible Button Assignment
- 2.2.3 Phantom Extension Ringing On/Off Set
4.3.68 Pickup Dialing (Hot Line)

You can make a call to the pre-programmed party simply by going off-hook.

Programming the phone number

Any Telephone

Lift the handset or press SP-PHONE/MONITOR.

7 4 2  phone no.  

Dial 742. Enter the phone number. Dial #. 

Confirmation tone and dial tone

Hang up or press SP-PHONE/MONITOR.

- You must dial a line access code (9 or 81 through 88) as the first digit when storing an outside phone number.

Setting / Canceling

Any Telephone

Lift the handset or press SP-PHONE/MONITOR.

7 4 1 To set.

7 4 0 To cancel.

Dial 741. To cancel: Dial 740.

Confirmation tone and dial tone

Hang up or press SP-PHONE/MONITOR.

Dialing

Any Telephone

Lift the handset or press SP-PHONE/MONITOR.

Wait for an answer.

Talk.

Conditions

- This feature does not work if you go off-hook to answer an incoming call or retrieve a call on hold.
- Up to 16 digits, consisting of "0 through 9" and "*", can be stored. "#" cannot be stored.
- During the waiting time after going off-hook, you can dial another party and override this feature. This waiting time (between going off-hook and connecting with the called line) can be changed by System Programming. (Default: 1 second)
- With the KX-T7431, KX-T7433, KX-T7436 or KX-T7235, you can execute this feature using the display operation.

<ISDN Telephone>

- This feature is not available for ISDN telephones.
Programming Guide References

[204] Pickup Dial Waiting Time

User Manual References

4.5.8  KX-T7235 Display Features - System Feature Access Menu
4.5.11 KX-T7431 / KX-T7433 / KX-T7436 Display Features - System Feature Access Menu
4.3.69 **Privacy Release [PT only]**

Allows you to establish a three-party conference call while connected to an existing call.

**Setting**

**PT**

*During a conversation with an outside party, to allow another extension to join the conversation;*

- at your extension
  - (CO)

- at the other extension
  - (CO)

Press the corresponding CO within five seconds.

Confirmation tone (optional)

- The corresponding CO indicator light flashes green rapidly.

- A three-party conference is now established.

**To leave the conference**

**PT**

Hang up or press SP-PHONE/MONITOR.

- The other two parties may continue their conversation.

**To terminate one party and talk to the other**

**PT**

Press CO or INTERCOM of the desired party.
Conditions

- The CO button pressed to join the conversation needs to be assigned as a Single-CO (S-CO) button.
- After the user presses the CO button, the CO indicator light of the other extension flashes rapidly for only 5 seconds. Pressing the CO button again gives you an additional 5 seconds.
- This feature overrides "Data Line Security" and "Executive Busy Override Deny."
- When a two-party call is changed to a three-party call and vice versa, a confirmation tone is sent to all three parties. Eliminating the tone is programmable.

Programming Guide References

[990] System Additional Information

User Manual References

2.2.2  Flexible Button Assignment
4.3.30  Conference
4.3.32  Data Line Security
4.3.41  Executive Busy Override Deny
4.3.70 Pulse to Tone Conversion

You can change the dialing mode from Pulse to Tone temporarily to access services such as computer telephone services, Voice Mail, etc., that require a tone.

<table>
<thead>
<tr>
<th>Any Telephone</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>phone no. (Pulse mode)</strong></td>
</tr>
<tr>
<td>Dial the <strong>phone number</strong> (Pulse mode).</td>
</tr>
</tbody>
</table>

**Conditions**
- You cannot change the dialing mode from Tone to Pulse.
4.3.71 Quick Dialing

Allows you to make a quick dial call by dialing a pre-assigned quick dial number. For example, Quick Dialing is convenient for room service calls in a hotel.

Dialing

Any Telephone

Lift the handset or press SP-PHONE/MONITOR.

Dial the quick dial number.

Conditions

- Up to eight quick dial numbers can be stored by System Programming.
- You must assign a feature number in program [100] Flexible Numbering in the programming Guide first and then a quick dial number in program [009] Quick Dial Number Set in the Programming Guide in order for Quick Dial to be effective.
- Quick Dialing is convenient for frequently dialed phone numbers.

Programming Guide References

[009] Quick Dial Number Set
[100] Flexible Numbering
4.3.72 Redial, Last Number

Automatically saves the last outside call number you dialed so that you can make a call to the same party later with a simple operation.

<table>
<thead>
<tr>
<th>PT</th>
<th>SLT and ISDN Telephone</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lift the handset or press SP-PHONE/MONITOR.</td>
<td>Lift the handset.</td>
</tr>
<tr>
<td>Press REDIAL.</td>
<td>Dial #.</td>
</tr>
</tbody>
</table>

Conditions

- Up to 24 digits can be stored and redialed; this does not include an outside line access code.
- "*", "#", "PAUSE," and "INTERCOM" (for secret dialing) are counted as one digit.
- The memorized telephone number is replaced by a new one if at least one digit sent to an outside line is dialed. Dialing an outside line access code alone does not change the memorized number.

<PT>
- If you hear a busy tone when attempting to redial, select another line and press the REDIAL button.

<SLT and ISDN Telephone>
- If you hear a busy tone when attempting to redial, select another line and dial "#".
4.3.73 **Redial, Saved Number [PT only]**

Allows you to store a telephone number during the conversation, so that you can redial the same party later with a simple operation. The saved number can be redialed until another number is stored.

**Storing**

![Storing Diagram]

During a conversation or while hearing a busy tone;

**AUTO DIAL**

Press **STORE**. Press **SAVE** (flexible button).

**Dialing**

![Dialing Diagram]

Lift the handset or press **SP-PHONE/MONITOR**.

Press **SAVE** (flexible button).

**Conditions**

- Up to 24 digits can be stored and redialed; excluding a line access code.
- "*", "#", "PAUSE," and "INTERCOM" (for secret dialing) are counted as one digit.
- **SAVE button**
  A flexible button can be assigned as the SAVE button by Station, User or System Programming.

**User Manual References**

2.2.2 Flexible Button Assignment
4.3.74 Secret Dialing [PT only]

Allows you to conceal all or part(s) of a "System Speed Dialing" or "One-Touch Dialing" number assigned to a flexible button on your PT and DSS console which normally appears on the display. Additionally, KX-T7431, KX-T7433, KX-T7436 and KX-T7235 Model Telephones are capable of Secret Dialing for "Station Speed Dialing" numbers.

**Conditions**
- The secret code, "[" or "]" (pressing the INTERCOM button), are counted as one digit.
- You can conceal one or more parts of a telephone number.
- If the phone number "9-1-[123]-456-7890" has been stored, the display shows the following when the call is made:
  \[\text{9-1...456-7890}\]
- The concealed part will be printed out by Station Message Detail Recording (SMDR).

**Programming Guide References**
[001] System Speed Dialing Number Set

**User Manual References**
2.2.2 Flexible Button Assignment
2.2.8 Station Speed Dialing Number/Name Assignment [KX-T7235/KX-T7431/KX-T7433/KX-T7436 only]
3.2.2 [001] System Speed Dialing Number Set
4.3.59 One-Touch Dialing [PT only]
4.3.76 Station Speed Dialing
4.3.77 System Speed Dialing
### 4.3.75 Station Feature Clear

Allows you to reset the following station features to the default settings.

<table>
<thead>
<tr>
<th></th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>(a)</td>
<td><strong>Absent Message Capability</strong> <em>(The message set on your extension)</em></td>
</tr>
<tr>
<td>(b)</td>
<td>*<em>Automatic Callback Busy (Camp-On)</em></td>
</tr>
<tr>
<td>(c)</td>
<td><strong>Background Music</strong> <em>that has been turned on</em></td>
</tr>
<tr>
<td>(d)</td>
<td><strong>Call Forwarding</strong></td>
</tr>
<tr>
<td>(e)</td>
<td><strong>Call Log, Incoming</strong></td>
</tr>
<tr>
<td>(f)</td>
<td><strong>Call Pickup Deny</strong></td>
</tr>
<tr>
<td>(g)</td>
<td><strong>Call Waiting</strong></td>
</tr>
<tr>
<td>(h)</td>
<td><strong>Data Line Securitys</strong></td>
</tr>
<tr>
<td>(i)</td>
<td><strong>Do Not Disturb (DND)</strong></td>
</tr>
<tr>
<td>(j)</td>
<td><strong>Executive Busy Override Deny</strong></td>
</tr>
<tr>
<td>(k)</td>
<td><strong>Log-in</strong></td>
</tr>
<tr>
<td>(l)</td>
<td><strong>Message Waiting</strong> <em>(All messages that have been left on your extension by other extension users)</em></td>
</tr>
<tr>
<td>(m)</td>
<td><strong>Off-Hook Call Announcement (OHCA)</strong></td>
</tr>
<tr>
<td>(n)</td>
<td><strong>Paging Deny</strong></td>
</tr>
<tr>
<td>(o)</td>
<td><strong>Paralleled Telephone Connection</strong> *</td>
</tr>
<tr>
<td>(p)</td>
<td><strong>Pickup Dialing (Hot Line)</strong> <em>(The stored telephone number will be removed)</em></td>
</tr>
<tr>
<td>(q)</td>
<td><strong>Timed Reminder</strong></td>
</tr>
<tr>
<td>(r)</td>
<td><strong>Whisper OHCA</strong></td>
</tr>
</tbody>
</table>

*: PT only
Clearing the current feature settings

**Any Telephone**

Lift the handset or press SP-PHONE/MONITOR.  
Dial 790.  
Confirmation tone and dial tone  
Hang up or press SP-PHONE/MONITOR.

<PT Display Example>

Ext Data Clear

**Conditions**

- With the KX-T7431, KX-T7433, KX-T7436 or KX-T7235, you can execute this feature using the display operation.

**User Manual References**

4.5.8  KX-T7235 Display Features - System Feature Access Menu
4.5.11  KX-T7431 / KX-T7433 / KX-T7436 Display Features - System Feature Access Menu
4.3.76 Station Speed Dialing

Allows you to store up to 10 speed dial numbers at your extension. These numbers are available for your extension only.

Storing the phone number

Any Telephone

Lift the handset or press SP-PHONE/MONITOR.  Dial 30.  Enter the station speed dial number (0 through 9).  Enter the desired number.  Dial #. Confirmation tone and dial tone.  Hang up or press SP-PHONE/MONITOR.

Dialing

Any Telephone

Lift the handset or press SP-PHONE/MONITOR.  Dial 3*.  Enter the station speed dial number (0 through 9).

Conditions

- You can store an extension number, a telephone number, or a feature number up to 16 digits. Valid digits are "0 through 9," "*" and PAUSE button. For SLT users, PAUSE (pausing time) can be stored by dialing*.*.
- To store the telephone number of an outside party, the line access code (9 or 81 through 88) must be stored as the leading digit.
- "Station Speed Dialing" can be followed by manual dialing to supplement the dialed digits.

<PT>

- One-Touch Dialing
  A PT user may make a call with One-Touch Dialing button, instead of Station Speed Dialing.
- With the KX-T7431, KX-T7433, KX-T7436 or KX-T7235, you can execute this feature using the display operation.
- With the KX-T7431, KX-T7433, KX-T7436 and KX-T7235, you can store not only phone numbers but names as well.
<SLT>

- The SLT may be replaced with a PT temporarily to store one-touch dialing into memory. The Function Buttons (F1 through F10) correspond to speed dial numbers as follows:

| F1 — 0 | F6 — 5 |
| F2 — 1 | F7 — 6 |
| F3 — 2 | F8 — 7 |
| F4 — 3 | F9 — 8 |
| F5 — 4 | F10 — 9 |

**User Manual References**

2.2.2 Flexible Button Assignment
2.2.8 Station Speed Dialing Number/Name Assignment [KX-T7235/KX-T7431/KX-T7433/KX-T7436 only]
4.5.7 KX-T7235 Display Features - Call Directory
4.5.10 KX-T7431 / KX-T7433 / KX-T7436 Display Features - Call Directory
4.3.77 System Speed Dialing

Allows you to make a call using speed dial numbers programmed previously. This system supports five hundred speed dial numbers which are available to all extension users.

**Conditions**

- System Speed Dial numbers must be stored either by the User (Manager) or System Programming.
- It is possible to cancel toll restriction with this feature (Toll Restriction Override for System Speed Dialing). In this case, System Programming is necessary.

**<PT>**

- "Speed Dialing," "One-Touch Dialing," "Redial, Last Number/Saved Number" and manual dialing can be used together.
- Continuous use of a speed dial number is possible, if the number is divided when stored.

**<Example>**
If the number is divided and stored in System Speed Dial numbers 001 and 002; Press: [AUTO DIAL/STORE] [0] [0] [1] [AUTO DIAL/STORE] [0] [0] [2]
- The dialed number appears on the display.
- You may press a CO button to select a desired outside line before pressing the AUTO DIAL/STORE button.
- With the KX-T7431, KX-T7433, KX-T7436 or KX-T7235, you can execute this feature using the display operation.

**<SLT>**

- If a stored number includes "×" or ",", rotary or pulse SLT cannot use it.

**Programming Guide References**

[001] System Speed Dialing Number Set
[002] System Speed Dialing Name Set
User Manual References

3.2.2 [001] System Speed Dialing Number Set
3.2.3 [002] System Speed Dialing Name Set
4.3.81 Toll Restriction Override for System Speed Dialing
4.5.7 KX-T7235 Display Features - Call Directory
4.5.10 KX-T7431 / KX-T7433 / KX-T7436 Display Features - Call Directory
4.3.78 Timed Reminder

Allows you to set your extension to sound an alarm once or daily at a preset time. Each telephone can be set to generate an alarm tone at a preset time as a reminder. When this feature is set, an alarm tone will ring for 30 seconds (default) at the programmed time.

Wake-up call
If a voice message is recorded beforehand, wake-up message is heard instead of an alarm tone when an extension user goes off-hook.

This feature can be activated only once or everyday at a specified time.

Setting

PT and SLT

Lift the handset or press SP-PHONE/MONITOR.

[Diagram showing the number sequence: 7 6 1]

Dial 761.

Enter the hour (01 through 12).

Enter the minute (00 through 59).

0 or 1

For AM: Dial 0.
For PM: Dial 1.

0 or 1

For a one time alarm*: Dial 0.
For a daily alarm**: Dial 1.

[Diagram showing the confirmation tone]

Hang up or press SP-PHONE/MONITOR.

* An alarm will be heard at the preset time and then the setting is cleared.
** An alarm will be heard daily at the preset time until the setting is changed or canceled.

Canceling

PT and SLT

Lift the handset or press SP-PHONE/MONITOR.

[Diagram showing the number sequence: 7 6 0]

Dial 760.

Confirmation tone and dial tone

Hang up or press SP-PHONE/MONITOR.

<PT Display Example>

Alarm Cancelled
Checking the setting time

Display PT

Lift the handset or press SP-PHONE.

Dial 762.

Dial tone

Hang up or press SP-PHONE.

• If "10:10 AM" has been set:

<PT Display Example>

Alarm 10:10AM — one time

or

Alarm 10:10AM* — daily

Stopping the alarm

PT and SLT

Lift the handset.

• Pressing any key also stops the alarm (PT only).

Conditions

• System Time
  The system clock must be set before the alarm is set.
  If you are connected to a KX-TD1232 System, Timed Reminder message can be recorded by the Manager or an Operator. ("Outgoing Message (OGM)"). When the alarm is heard, you can hear the message by going off-hook, if it has been recorded. You hear an intermittent tone (dial tone 3) instead of the message in the following cases:
  a) A DISA Card is not equipped.
  b) All DISA ports are busy or OUS (Out-of-Service).
  c) The Timed Reminder message has not been stored.

• If other extension user calls your extension when the alarm is sounding, he or she will hear a busy tone.

• If you receive an incoming call during the alarm, the ringing starts after the alarm stops.

• If you are having a conversation at the time the alarm is set to sound, the alarm starts after the conversation.
- **Station Message Detail Recording (SMDR)**
  SMDR automatically records the detailed Timed Reminder information (data, time, extension number, start/no answer). It is programmable by System Programming to print out when the Timed Reminder starts and the alarm is not answered.
- Setting a new time clears the preset time.
- **Timed Reminder Ringing Time**
  The alarm continues for a specified period of time (default: 30 seconds).
  This period of time can be changed by System Programming.

<PT>
- If an alarm time has not been set, the display shows the following:
  ![Alarm Not Stored]
- With the KX-T7431, KX-T7433, KX-T7436 and KX-T7235, you can set or cancel the Timed Reminder using the display operation.

<ISDN Telephone>
- This feature is not available for ISDN telephones.

**Programming Guide References**
- [000] Date and Time Set
- [990] System Additional Information

**User Manual References**
- 3.2.1 [000] Date and Time Set
- 4.4.6 Outgoing Message (OGM)
- 4.5.8 KX-T7235 Display Features - System Feature Access Menu
- 4.5.11 KX-T7431 / KX-T7433 / KX-T7436 Display Features - System Feature Access Menu
4.3.79 Toll Restriction Override — SUMMARY

There are two types of toll restriction override:

- Toll Restriction Override by Account Code Entry
- Toll Restriction Override for System Speed Dialing
4.3.80 Toll Restriction Override by Account Code Entry

Allows you to temporarily override toll restriction and make a toll call from a toll-restricted telephone. You can carry out this feature by entering an appropriate account code before dialing the telephone number. For operation procedure, refer to 4.3.2 Account Code Entry.

Conditions

- This feature changes the toll restriction level to level 2. This can be used by extension users assigned to restriction levels 3 through 8. Levels 1 and 2 can not be changed.
- A "Class of Service" which is assigned to the "Account Code Entry — Verified - Toll Restriction Override" mode permits the class members to override their toll restrictions.
- Up to 128 account codes can be programmed for the Verified mode.
- If you do not enter an account code or you enter an invalid account code, standard toll restriction is in effect.

Programming Guide References

[105] Account Codes
[500]-[501] Toll Restriction Level — Day / Night
[508] Account Code Entry Mode
[601] Class of Service

Features Guide References

Toll Restriction

User Manual References

2.2.2 Flexible Button Assignment
4.3.2 Account Code Entry
4.3.81 Toll Restriction Override for System Speed Dialing

Allows you to cancel toll restriction in "System Speed Dialing." Normally, calls originated by "System Speed Dialing" are restricted depending on the extension's toll restriction level. Once this option is set, it permits all extension users to make "System Speed Dialing" calls with no restrictions. You can override toll restriction for "System Speed Dialing" through System Programming.

Programming Guide References
[300] TRS Override for System Speed Dialing

Features Guide References
Toll Restriction

User Manual References
4.3.77 System Speed Dialing
4.3.82 Trunk Answer From Any Station (TAFAS)

Allows you to answer an incoming outside call, paged through an external pager, from any extension.

**Any Telephone**

*While hearing a tone from the external pager;*

- Lift the handset or press SP-PHONE/MONITOR.
- Dial 42.
- Enter an **external pager number** (1 for KX-TD816 / 1 through 4 for KX-TD1232).
- Confirmation tone (optional)

- You are connected to the ringing line and can talk to the caller.

**Conditions**

- TAFAS can be used in the following cases:
  a) The floating number\(^1\) of an external pager is assigned as the Direct in Lines (DIL) 1:1 destination. In this case all of the incoming calls on the specified line will be signaled.
  b) A DISA (Direct Inward System Access) caller dials the floating number of an external pager (for the KX-TD1232 only).
  c) The floating number of an external pager is assigned as the Intercept Routing destination. In this case incoming calls redirected to the destination will be signaled.

- **Confirmation Tone**
  A confirmation tone is sent to the extension user before being connected to the caller. Eliminating the tone is programmable.

**Programming Guide References**

- [407-408] DIL 1:1 Extension —— Day / Night
- [409-410] Intercept Extension —— Day / Night
- [813] Floating Number Assignment
- [990] System Additional Information

**Features Guide References**

Floating Station

---

\(^1\) A Floating Number (FN) is a virtual extension number which appears to be an extension. Refer to "Floating Station" in the Features Guide.
4.3.83 Two-Way Recording into Voice Mail **[PT only]**

Allows you to record a conversation into your mailbox or the desired mailbox.

**Recording into your mailbox**

**During a conversation:**

<table>
<thead>
<tr>
<th>PT</th>
</tr>
</thead>
<tbody>
<tr>
<td>(Two-Way Rec)</td>
</tr>
</tbody>
</table>

Press Two-Way Record (flexible button).

* The Two-Way Record indicator light turns red.

**Stopping recording**

<table>
<thead>
<tr>
<th>PT</th>
</tr>
</thead>
<tbody>
<tr>
<td>(Two-Way Rec)</td>
</tr>
</tbody>
</table>

Press Two-Way Record (flexible button) again.

* The Two-Way Record indicator light turns off.

---

** Available when the Digital Super Hybrid System is connected to a Digital Proprietary Telephone capable Panasonic Voice Processing System (one that supports digital proprietary telephone integration; e.g., KX-TVS100).
Recording into the mailbox of another extension

During a conversation:

Press Two-Way Transfer (flexible button).

Dial the extension number, the phantom extension number or press DSS (flexible button) where you left a message notification.

- The Two-Way Transfer indicator light turns red.

Stopping recording

Press Two-Way Transfer (flexible button).

The Two-Way Transfer indicator light turns off.

Conditions

- A flexible CO and DSS button can be assigned as a Two-Way Record button or a Two-Way Transfer button.
- Pressing the Two-Way Record button sends an alarm tone, if no idle voice mail port exists.
- Pressing the Two-Way Transfer button followed by an extension number sends an alarm tone, if no idle voice mail port exists.
- When you record Two-way telephone conversations, you should inform the other party that the conversation is being recorded.

Two-Way Recording into Phantom mailbox:

Allows you to record a conversation into the Phantom mailbox by entering the phantom extension number after pressing the Two-way Transfer button. The Phantom Message Waiting indicator light turns on. It will turn off after one of the phantom extension users listens to the recorded conversation.

User Manual References

2.2.2 Flexible Button Assignment
4.3.84 Uniform Call Distribution (UCD)

Allows incoming calls to be distributed uniformly to a specific group of extensions called an UCD group. Calls to an UCD group search for an idle extension in a circular way. If all extensions in an UCD group are busy or not available, the incoming outside call will be handled by the UCD Table.

**Conditions**

- UCD can be used in the following cases.
  a) The floating number of UCD is assigned as the Direct In Lines (DIL) 1:1 destination.
  b) The floating number of UCD is assigned as the Intercept Routing destination.
  c) The floating number of UCD is dialed from an extension.
  d) The floating number of UCD is dialed from DISA (Direct Inward System Access).
  e) The floating number of UCD is assigned as the UCD Overflow destination.
- It is possible to set the log-in or log-out status on an extension basis.

**Programming Guide References**

[106] Station Hunting Type
[122] UCD Overflow
[123] UCD Time Table
[813] Floating Number Assignment

**User Manual References**

4.3.52 Log-In / Log-Out

---

*1 A Floating Number (FN) is a virtual extension number which appears to be an extension. For more details, please consult with your dealer.
4.3.85 Voice Mail Integration

Allows you to have your calls forwarded to your Voice Processing System mailbox. If your telephone has a MESSAGE button, the button light turns on and lets you know you have messages. Even if you do not have a MESSAGE button, you will hear a special tone when going off-hook.

Setting Call Forwarding destination to Voice Mail

Any Telephone

<table>
<thead>
<tr>
<th>FWD/DND</th>
<th>For PT</th>
<th>7 1 0</th>
<th>For any telephone</th>
</tr>
</thead>
</table>

Lift the handset or press SP-PHONE/MONITOR.

For PT: Press FWD/DND.
For any telephone: Dial 710.

* You may press the flexible button assigned as the FWD/DND button instead.

Dial the FWD number:
- FWD-All Calls: Dial 2.
- FWD-Busy: Dial 3.
- FWD-No Answer: Dial 4.
- FWD-Busy No Answer: Dial 5.

Voice Mail extension no.

Dial Voice Mail extension number.

Confirmation tone and dial tone

Hang up or press SP-PHONE/MONITOR.

<PT Display Example>

FWD(All) Extxxxx

VM extension number

* Calls directed to your extension are automatically forwarded to your mailbox.
* Callers can leave messages in your mailbox, according to the Voice Mail guidance.
### Canceling

**PT and SLT**

![Diagram showing button press sequence]

- Lift the handset or press SP-PHONE/MONITOR.
- For PT: Press FWD/DND.
- For SLT, PT: Dial 710.

For PT:
- Press FWD/DND.
- Dial 0. Confirmation tone and dial tone.
- Hang up or press SP-PHONE/MONITOR.

For any telephone:
- 7 1 0

* You may press the flexible button assigned as the FWD/DND button instead.

**<PT Display Example>**

- FWD/DND Cancel

### Listening to a stored message

You can listen to the messages stored in your mailbox easily. There are two operations to play back messages.

#### Using the Message Waiting (MESSAGE) button

**PT**

*If there is a message in the mailbox, the MESSAGE indicator light is on.*

- Lift the handset or press SP-PHONE/MONITOR.
- Press MESSAGE.

* You can listen to the stored message.

**Manual dialing**

**Any Telephone**

- Lift the handset or press SP-PHONE/MONITOR.
- Enter the Voice Mail extension number.

* You can listen to the stored message by following the Voice Mail guidance.
Conditions

- Outside callers can leave their messages in your mailbox. When an incoming outside call arrives, the Operator answers the call and transfers it to your extension. And...
  — If you set the "Call Forwarding" function whose destination is Voice Mail;
  The call will be forwarded to Voice Mail automatically.
  — If you do not set the "Call Forwarding" function;
  The Operator will retrieve the call. Then the Operator transfers the call to Voice Mail with Voice Mail Transfer button.

- Voice Mail can be assigned as the destination of the following features.
  a) Call Forwarding — All Calls
  b) Call Forwarding — Busy
  c) Call Forwarding — No Answer
  d) Call Forwarding — Busy/No Answer
  e) Intercept Routing

<PT>
- A flexible button can be assigned as the MESSAGE or FWD/DND button.

User Manual References

2.2.2  Flexible Button Assignment
4.3.8  Call Forwarding — SUMMARY
4.3.86 Voice Mail Transfer [PT only]
4.3.86 Voice Mail Transfer [PT only]

You can transfer the calls to the Voice Processing System so that callers can leave their messages in a desired extension mailbox. When you transfer the call to the designated extension;

—If the extension has set the "Call Forwarding" function whose destination is Voice Mail;
The call will be forwarded to Voice Mail.

—If the extension has not set the "Call Forwarding" function;
You can retrieve the call and then transfer the call to Voice Mail by One-Touch.

**PT**

*If the call returns to you;*

![PT Diagram]

- Press Voice Mail (VM) Transfer (flexible button).
- Dial the extension number or the phantom extension number or press DSS (flexible button) where you left a message notification.

- The call will be forwarded to the Voice Mail.
- The caller can leave the message according to the Voice Mail guidance.

**Conditions**

- A flexible button can be assigned as the Voice Mail (VM) Transfer button.
- A user's Voice Mail Box number, password, etc. can be assigned as a Voice Mail Access Code.
- Through System Programming, the "VM Command DTMF Set" and "Station Hunting Type" must be programmed to match the operation of your Voice Processing System.
- **Voice Mail Transfer to Phantom Mailbox:**
  Allows you to transfer received outside calls to the Phantom Mailbox by entering the phantom extension number after pressing the Voice Mail Transfer button. The Phantom Message Waiting indicator light turns on. It will turn off after one of the phantom extension users listens to the stored message.

**Programming Guide References**

- [106] Station Hunting Type
- [113] VM Status DTMF Set
- [114] VM Command DTMF Set
- [602] Extension Group Assignment
- [609] Voice Mail Access Codes
User Manual References

2.2.2 Flexible Button Assignment
4.3.85 Voice Mail Integration
4.3.87 Walking COS

Allows you to use your calling privileges (Class of Service) at another extension. You may override restrictions which may be set at the extension.

Making a call

**Any Telephone**

*At another extension:*

- Lift the handset or press SP-PHONE/MONITOR.
- Dial 47.
- Enter the Walking COS password (4 through 7 digits).
- Dial your extension number.

**<PT Display Example>**

Set COS of Exxxx

- Confirmation tone and dial tone
- Phone no.
- Dial the phone number.
- Hang up or press SP-PHONE/MONITOR

*You must dial a line access code (9 or 81 through 88) or press the CO button.*

*The COS level of the extension returns to the original level.*

**Conditions**

- Class of Service (COS) programming is used to define the features which are allowed for a group of extensions. Each extension is assigned a COS number. The programmable items are as follows.
  a) Outgoing call restriction level (Day mode / Night mode) – 1 through 8
  b) Restriction of an outside call duration
  c) Transfer a call to an outside party
  d) Forward a call to an outside party
  e) Executive Busy Override
  f) Executive Busy Override Deny
  g) Override Do Not Disturb of the called extension
h) Account Code Entry operation – verified – all calls / verified – to toll restriction override / option

i) Off-Hook Call Announcement (OHCA)

j) Access the Night Service

k) The number of allowed dialing digits during an outside call

<PT>
• With the KX-T7431, KX-T7433, KX-T7436 or KX-T7235, you can execute this feature using the display operation.

Programming Guide References
[121] Walking COS Password
[601] Class of Service

Features Guide References
Class of Service (COS)

User Manual References
4.5.8 KX-T7235 Display Features - System Feature Access Menu
4.5.11 KX-T7431 / KX-T7433 / KX-T7436 Display Features - System Feature Access Menu
4.4 Operator / Manager Service Features

4.4.1 Operator/Manager Service Features

The system supports up to two operators and one manager. An extension assigned as the Manager or an Operator by System Programming has the ability to perform the following special features:

- **a)** Background Music (BGM) — External
- **b)** Call Log Lock Control, Incoming
- **c)** Hotel Application — Room Status
- **d)** Live Call Screening Password Control
- **e)** Outgoing Message (OGM)
- **f)** Remote Station Lock Control
- **g)** System Working Report
- **h)** Timed Reminder, Remote (Wake-Up Call)

**Programming Guide References**

[006] Operator / Manager Extension Assignment

---

*Available when the Digital Super Hybrid System is connected to a Digital Proprietary Telephone capable Panasonic Voice Processing System (one that supports digital proprietary telephone integration, e.g., KX-TVS100).*
4.4.2 Background Music (BGM) — External

Allows the Manager and the Operators to broadcast background music (BGM) in the office through the external pagers.

Setting / Canceling

Press Features. Rotate Jog Dial or press NEXT until the following is displayed. Press Extn BGM On/Off.

- Pressing this button alternates between “On” and “Off” modes.
- The display shows either one of the following depending on whether the BGM is on or off.

<PT Display Example>

- External BGM On — BGM is on
- External BGM Off — BGM is off
Setting / Canceling

**7431**

Press MODE until "Feature Access" is displayed.

Rotate Jog Dial until "Ext-BGM On/Off" is displayed.

Press SELECT.

- Pressing this button alternates between "On" and "Off" modes.
- The display shows either one of the following depending on whether the BGM is on or off:

  <PT Display Example>
  - External BGM On — BGM is on
  - External BGM Off — BGM is off

Confirmation tone
Hang up or press SP-PHONE.

**7433**

Press SHIFT until "FEAT" is displayed.

Press FEAT.

Rotate Jog Dial until "Ext-BGM On/Off" is displayed.

Press SEL.

- Pressing this button alternates between "On" and "Off" modes.
- The display shows either one of the following depending on whether the BGM is on or off:

  <PT Display Example>
  - External BGM On — BGM is on
  - External BGM Off — BGM is off

Confirmation tone
Hang up or press SP-PHONE.
Setting / Canceling

Any Telephone

Lift the handset or press SP-PHONE/MONITOR.

Dial 35. Confirmation tone

Hang up or press SP-PHONE/MONITOR.

- The display shows either one of the following depending on whether the BGM is on or off:

<PT Display Example>

External BGM On — BGM is on

or

External BGM Off — BGM is off

Conditions

- To make BGM-External possible, you must enable BGM and select a music source in [313] ARS Time (System Programming).

- External Pager Priority
  Priority of access to external pager is: (1) TAFAS; (2) Paging; (3) BGM
  Higher priorities will override the BGM.

- The default is "External BGM Off."

Programming Guide References

[803] Music Source Use
[804] External Pager BGM
[990] System Additional Information

User Manual References

4.3.6 Background Music (BGM) [PT only]
4.4.3 Call Log Lock Control, Incoming

The Manager and the Operators can cancel the "Call Log Lock, Incoming" feature set at any other extension.

**Programming**

<table>
<thead>
<tr>
<th>PT</th>
</tr>
</thead>
<tbody>
<tr>
<td>PROGRAM</td>
</tr>
</tbody>
</table>

Press PROGRAM. Dial 99.

Dial 02.

Dial the extension number or *,
- extension number to clear one extension
- * to clear all extensions

* You are in the Station Programming mode.

<PT Display Example>

PT-PGM Mode

<PT Display Example>

EXT No? →

1234: Unlock?

Conditions

- If the extension user forgets their pre-set password, they can ask the Manager or an Operator to clear the password.

User Manual References

4.5.4 Call Log Lock, Incoming (KX-T7436 / KX-T7433 / KX-T7235 / KX-T7230 only)
4.4.4 Hotel Application — Room Status (operator only)

Allows the operator to handle the front/operator service of checking the room status, ready or not ready, with the DSS button on the DSS Console paired to a KX-T7436 or KX-T7235. Changing the room status can be done by the operator and also by the telephone in a guest room.

The hotel application must be enabled by System Programming.
The DSS button indicates as follows.
- Ready mode: Off
- Not Ready mode: Flashes red

To check the room status

**7235 / 7436**

- **Hotel**: Press Hotel.
- **Room Status**: Press Room Status.
- **Note**: The indicator in NOT Ready mode flashed red.

To change the room status

**7235 / 7436**

- **Hotel**: Press Hotel.
- **Room Status**: Press Room Status.
- **Dial the extension number**: Press DSS (flexible button).
- **extension no. or (DSS)**

- **RDY** or **NRDY**: Press RDY or NRDY.
- **END**: Press END.
- **Note**: You can press to select all extensions.
To change the room status at a telephone in a guest room

**7235 / 7436**

*Example: If the maid finishes cleaning the room*

- **Features**
  - Press **Features**. Rotate **Jog Dial** or press **NEXT** until the following is displayed.
  - Press **Room Status Ready**. Confirmation tone and dial tone
  - Hang up or press **SP-PHONE**.

**7431**

*Example: If the maid finishes cleaning the room*

- **MODE**
  - Press **MODE** until "Feature Access" is displayed.
  - Rotate **Jog Dial** until "Room Ready" is displayed.
  - Press **SELECT**. Confirmation tone and dial tone
  - Hang up or press **SP-PHONE/MONITOR**.

**7433**

*Example: If the maid finishes cleaning the room*

- **SHIFT**
  - Press **SHIFT** until "FEAT" is displayed.
  - Press **FEAT**.
  - Rotate **Jog Dial** until "Room Ready" is at the arrow.
  - Press **SEL**. Confirmation tone and dial tone
  - Hang up or press **SP-PHONE/MONITOR**.
Any Telephone

Example: If the maid finishes cleaning the room

Lift the handset or press SP-PHONE/MONITOR.

Dial 736.

Confirmation tone and dial tone.

Hang up or press SP-PHONE/MONITOR.

Conditions

- Even if the room status is changed at a telephone in a guest room, DSS button indication will not be changed automatically. It is renewed when the operator enters the checking mode again.

Programming Guide References

[134] Hotel Application
4.4.5 Live Call Screening Password Control

The Manager and the Operators can clear the Live Call Screening password of any extension.

**Programming**

- **PT**

  * You are in the Station Programming mode:  
  **<PT Display Example>**
  
  **PT--PGM Mode**

  - Press PROGRAM.
  - Dial 99.
  - Dial 03.

  - extension no. or *
  - Dial the extension number or *.
  - extension number: to clear one extension
  - *: to clear all extensions

  **<PT Display Example>**
  
  - 1234: Cancel?
  - The STORE indicator lights.

  **<PT Display Example>**

  - Programmable options

**Conditions**

- If the extension user forgets their pre-set password, they can ask the Manager or an Operator to clear the password.

**User Manual References**

4.3.50 Live Call Screening (LCS) [PT only]

---

*Available when the Digital Super Hybrid System is connected to a Digital Proprietary Telephone capable Panasonic Voice Processing System (one that supports digital proprietary telephone integration; e.g., KX-TVS100).
4.4.6 Outgoing Message (OGM)*

The Manager and the Operators can record and play back outgoing voice messages. The following three types of outgoing messages can be recorded.

**DISA message:**
This message is played when an outside caller accesses the system via DISA line. There are two different DISA messages.

**Timed Reminder (wake-up) message:**
This message is used in Timed Reminder. When answering the Timed Reminder alarm (often used as a wake-up call), the extension user will hear this message. There is only one Timed Reminder message.

**UCD (Uniform Call Distribution) message:**
This message is played to the outside callers in conjunction with UCD feature. There are four different UCD messages.

* Available for the KX-TD1232 only
Recording a message

Press **Features**.

Rotate Jog Dial or press NEXT until the following is displayed.

Press **OGM Recording**.

Enter **OGM number** (1 through 4).

Confirmation tone

Record a message.

Press **STORE** or wait until a maximum recording time has elapsed.

**<PT Display Example>**

OGM 2 Rec.:00

- Time counter (seconds)
- OGM number selected (1 through 4)

- The STORE indicator light flashes red slowly. Recording starts after the confirmation tone.

**<PT Display Example>**

OGM 2 Play:28

- The recording is stopped and STORE indicator light turns steady red.
- The recorded message will be played back automatically.

**Confirmation tone**

Press **STORE** or wait until playback is finished.

**Confirmation tone**

Hang up or press SP-PHONE.

- The STORE indicator light turns off.
Recording a message

Press MODE until "Feature Access" is displayed.

Rotate Jog Dial until "OGM Record" is displayed.

Press SELECT.

Enter OGM number (1 through 4).

Confirm tone

Record a message.

Press STORE or wait until a maximum recording time has elapsed.

<PT Display Example>
OGM 2 Rec.:00

Time counter (seconds)
OGM number selected (1 through 4)

- The STORE indicator light flashes red slowly. Recording starts after the confirmation tone.

Press STORE or wait until playback is finished.

OGM 2 Play:28

- The recording is stopped and STORE indicator light turns steady red.
- The recorded message will be played back automatically.

Hang up or press SP-PHONE.

- The STORE indicator light turns off.
Recording a message

**7433**

- **Press** SHIFT until "FEAT" is displayed.
- **Press** FEAT.
- **Rotate** Jog Dial until "OGM Record" is at the arrow.
- **Press** SEL.

**Enter OGM number** (1 through 4).

**Confirmation tone**

**Record a message.**

**Press** STORE or wait until a maximum recording time has elapsed.

**<PT Display Example>**

OGM 2  Rec.: 0:00

- Time counter (seconds)
- OGM number selected (1 through 4)

**<PT Display Example>**

OGM 2  Play: 28

• The recording is stopped and STORE indicator light turns steady red.
• The recorded message will be played back automatically.

**<PT Display Example>**

OGM 2  Rec.: 0:00

**Confirmation tone**

**Press** STORE or wait until playback is finished.

**Confirmation tone**

**Hang up or press SP-PHONE.**

• The STORE indicator light turns off.
Recording a message

**Any Telephone**

Lift the handset or press SP-PHONE/MONITOR.

Dial 361.

Enter OGM number (1 through 4).

OGM no.

Confirmation tone

**<PT Display Example>**

OGM 2 Rec.:00

Time counter (seconds)

OGM number selected (1 through 4)

• The STORE indicator light flashes red slowly. Recording starts after the confirmation tone.

Record a message.

Press STORE or wait until a maximum recording time has elapsed.

AUTO DIAL

STORE

Confirmation tone

• The recording is stopped and STORE indicator light turns steady red.

• The recorded message will be played back automatically.

*PT Display Example>*

OGM 2 Play:28

Press STORE or wait until playback is finished

AUTO DIAL

STORE

Confirmation tone

Hang up or press SP-PHONE/MONITOR.

• The STORE indicator light turns off.
Playing back a message

Press Features. Rotate Jog Dial or press NEXT until the following is displayed.

Press OGM Playback.

OGM no.

Enter OGM number (1 through 4).

Confirmation tone

Press STORE or wait until playback is finished.

Confirmation tone

* The STORE indicator light turns off.

<PT Display Example>

OGM 1 Play: 28

Time counter (seconds)

* The STORE indicator light.
* The message is played back and the counter starts.
Playing back a message

**7431**

Press **MODE** until "Feature Access" is displayed.

Rotate Jog Dial until "OGM Play" is displayed.

Press **SELECT**.

**OGM no.**

Enter OGM number (1 through 4).

Confirmation tone

Press STORE or wait until playback is finished.

Confirmation tone

• The STORE indicator light turns off.

**<PT Display Example>**

OGM 1 Play: 28

Time counter (seconds)

• The STORE indicator lights.
• The message is played back and the counter starts.
Playing back a message

7433

Press SHIFT until "FEAT" is displayed.  Press FEAT.  Rotate Jog Dial until "OGM Play" is at the arrow.  Press SEL.

Enter OGM number (1 through 4).  Confirmation tone  Press STORE or wait until playback is finished.  Confirmation tone

<PT Display Example>

OGM 1  Play:28

Time counter (seconds)

• The STORE indicator lights.
• The message is played back and the counter starts.

• The STORE indicator light turns off.
Playing back a message

**Any Telephone**

1. Lift the handset or press SP-PHONE/MONITOR.
2. Dial 362.
3. Enter OGM number (1 through 4).
4. Confirmation tone

**AUTO DIAL**

Press STORE or wait until playback is finished.

**Confirmation tone**

- The STORE indicator light turns off.

<PT Display Example>

| OGM 1 | Play: 28 |

Time counter (seconds)

- The STORE indicator lights.
- The message is played back and the counter starts.

**Conditions**

- **OGM Type**
  1: for DISA Message 1 or UCD Message 1
  2: for DISA Message 2 or UCD Message 2
  3: for Timed Reminder Message or UCD Message 3
  4: UCD Message 4
- You can select a maximum recording time of 0/16/32/64 seconds for each message (Outgoing Message Time). The total length must be under sixty four seconds.

**Programming Guide References**

[215] Outgoing Message Time

**User Manual References**

4.3.33 Direct Inward System Access (DISA)
4.3.78 Timed Reminder
4.3.84 Uniform Call Distribution (UCD)
4.4.7 Remote Station Lock Control

The Manager and the Operators can remotely lock or unlock any extension. To lock an extension, you can select to lock outside calls or intercom calls.

**Programming**

```
<table>
<thead>
<tr>
<th>PT</th>
<th>PROGRAM</th>
<th>9</th>
<th>0</th>
<th>1</th>
<th>extension no.</th>
<th>or</th>
<th>0</th>
<th>0</th>
<th>1</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Press PROGRAM.</td>
<td>9</td>
<td>9</td>
<td>0</td>
<td>1</td>
<td>extension no.</td>
<td>or</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td></td>
<td>Dial 99.</td>
<td>Dial 01.</td>
<td>Dial the extension number or *.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>- extension number: to clear one extension</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>- * : to clear all extensions</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
```

- **You enter into the Station Programming mode.**

  **<PT Display Example>**

  PT- PGM Mode

- **Dial 1 or 2 or 3.**
  - 1 : to unlock
  - 2 : to lock outside calls
  - 3 : to lock intercom calls (except operator calls)

  **<PT Display Example>**

  1234 : CO Lock

- **Press STORE.**
  - The STORE indicator lights.

  **<PT Display Example>**

  EXT No? →

- **Press PROGRAM or lift the handset to exit the Station Programming mode.**

**Conditions**

- This feature supersedes the "Electronic Station Lockout" feature. If "Electronic Station Lockout" has already been set by the extension user and this feature is set, the extension user cannot cancel the lock. Only the Manager and the Operators can cancel the lock.
- "Operator Call" is always available from any extension whether it is locked or not.

**User Manual References**

4.3.37 Electronic Station Lockout
### 4.4.8 System Working Report

The operator or manager can print or clear the system working report. For details about the recorded contents, please consult with your dealer.

#### 7235 / 7436

Press **Features**.

Press **NEXT** until the following is displayed.

Press **SWR Printout**.

Dial 1 or 0.
- 1: to print out the data
- 0: to clear the data

**Confirmation tone and dial tone**

Hang up or press SP-PHONE/MONITOR.

**<PT Display Example>**

SWR Data Dump
- 1: to print out

SWR Data Clear
- 0: to clear

#### 7431

Press **MODE** until "Feature Access" is displayed.

Rotate **Jog Dial** until "SWR Print" is displayed.

Press **SELECT**.

Dial 1 or 0.
- 1: to print out the data
- 0: to clear the data

**Confirmation tone and dial tone**

Hang up or press SP-PHONE/MONITOR.

**<PT Display Example>**

SWR Data Dump
- 1: to print out

SWR Data Clear
- 0: to clear
### Conditions

- A printer connected to the Serial Interface (RS-232C) connector can be used to print the recorded data.
- If the recorded data is cleared, new data will be recorded.
Features Guide References
System Working Report
4.4.9 Timed Reminder, Remote (Wake-Up Call)

The Manager and the Operators can remotely set or cancel the Timed Reminder to the desired extension.

Setting

**7235 / 7436**

Press Features. Rotate Jog Dial or press NEXT until the following is displayed.

Press Remote Timed Reminder.

**<PT Display Example>**

Extension #: 

Dial the desired extension number or press DSS (flexible button).

Press NEXT (S3). Enter the hour (01 through 12). Enter the minute (00 through 59).

For AM: Dial 0. For PM: Dial 1.

**<PT Display Example>**

Extension #:xxxxx
Time (hh:mm): :
AM/PM (0/1):
Daily Y/N (1/0): 0

Press PROG (S3)

Confirmation tone and dial tone
Hang up or press SP-PHONE.

**0 or 1**

For one time alarm*: Dial 0. For daily alarm**: Dial 1.

* You hear an alarm ringing at the preset time and then the setting is cleared.

** You hear an alarm ringing daily at the preset time until the setting is changed or canceled.

**<PT Display Example>**

Alarm 01:00AM — only one time  Alarm 01:00AM* — daily
Setting

7431

Press MODE until "Feature Access" is displayed.

Rotate Jog Dial until "R-Timed Remind" is displayed.

Press SELECT.

Dial 1.

extension no. or (DSS)

hour

minute 0 or 1

Dial the desired extension number or press DSS (flexible button).

Enter the hour (01 through 12).

Enter the minute (00 through 59).

For AM: Dial 0.
For PM: Dial 1.

0 or 1

For one time alarm*: Dial 0.
For daily alarm**: Dial 1.

Confirmation tone and dial tone

Hang up or press SP-PHONE.

* You hear an alarm ringing at the preset time and then the setting is cleared.
** You hear an alarm ringing daily at the preset time until the setting is changed or canceled.

<PT Display Example>

Alarm 01:00AM - only one time
Alarm 01:00AM* - daily
Setting

**7433**

Press **SHIFT** until "**FEAT**" is displayed.

Press **FEAT**.

Rotate **Jog Dial** until "**R-Timed Remind**" is at the arrow.

Press **SEL**.

**1**  
Dial 1.

**extension no.**  
Dial the desired extension number or press DSS (flexible button).

**hour**  
Enter the hour (01 through 12).

**minute**  
Enter the minute (00 through 59).

**0** or **1**  
For AM: Dial 0.  
For PM: Dial 1.

**0** or **1**  
For one time alarm*: Dial 0.  
For daily alarm**: Dial 1.

Confirmation tone and dial tone  
Hang up or press SP-PHONE.

* You hear an alarm ringing at the preset time and then the setting is cleared.
** You hear an alarm ringing daily at the preset time until the setting is changed or canceled.

<PT Display Example>

<table>
<thead>
<tr>
<th>Alarm</th>
<th>01:00AM</th>
<th>only one time</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alarm</td>
<td>01:00AM*</td>
<td>daily</td>
</tr>
</tbody>
</table>
Setting

Any Telephone

Lift the handset
or press
SP-PHONE/MONITOR.

Dial 7×1.

Dial the desired extension
number or press DSS.

Enter the hour
(01 through 12).

extension no.

hour

minute

0 or 1

0 or 1

For AM: Dial 0.
For PM: Dial 1.

For a one time alarm*: Dial 0.
For a daily alarm**: Dial 1.

Confirmation
tone and dial tone

Hang up or press
SP-PHONE/MONITOR.

You hear an alarm ringing at the preset time and then the setting is cleared.

You hear an alarm ringing daily at the preset time until the setting is changed or canceled.

<PT Display Example>

Alarm 01:00AM — only one time

Alarm 01:00AM** — daily
Canceling

7235 / 7436

Press Features.

Rotate Jog Dial or press NEXT until the following is displayed.

Press Remote Timed Reminder.

<PT Display Example>

Extension #: 

extension no. or (DSS)

Dial the desired extension number or press DSS on which you have set the Timed Reminder.

Press NEXT (S3).

Press CLR (S2).

Confirmation tone

<PT Display Example>

Extension #: 1234
Time (hh:mm): 07:00
AM/PM (0/1): 0
Daily Y/N (1/0): 0

Hang up or press the SP-PHONE.
Canceling

7431

Press MODE until "Feature Access" is displayed.

Rotate Jog Dial until "R-Timed Remind" is displayed.

Press SELECT.

Dial 0. Dial the desired extension number or press DSS on which you have set the Timed Reminder.

Confirmation tone and dial tone

Hang up or press the SP-PHONE.

<PT Display Example>

Alarm Cancelled
### Canceling

**7433**

- **Press** `SHIFT` until "FEAT" is displayed.
- **Press** `FEAT`.
- **Rotate** Jog Dial until "R-Timed Remind" is at the arrow.
- **Press** `SEL`.

- **Dial** 0.
- **Dial the desired extension number** or press DSS on which you have set the Timed Reminder.
- **Confirmation tone** and dial tone
- **Hang up or press the SP-PHONE.**

**<PT Display Example>**

**Alarm Cancelled**

---

### Any Telephone

- **Lift the handset or press SP-PHONE/MONITOR.**
- **Dial** 7×0.
- **Confirmation tone** and dial tone
- **Hang up or press SP-PHONE/MONITOR.**

**<PT Display Example>**

**Alarm Cancelled**
Checking the time setting

**Display PT**

Lift the handset or press SP-PHONE.

<table>
<thead>
<tr>
<th>7</th>
<th>*</th>
<th>2</th>
</tr>
</thead>
</table>

Dial 7*2.

Dial the desired extension number or press DSS on which you have set the Timed Reminder.

Hang up or press SP-PHONE.

<PT Display Example>
- If "10:10" has been set, the display shows:
  - Alarm 10:10AM — only one time
  - Alarm 10:10AM* — daily

- If time setting is not stored.
  - Alarm Not Stored

**Conditions**

- The system clock must be set correctly beforehand.
- There is no limit to the number of the extensions who can set the Timed Reminder at the same time.
- Only the latest time setting is valid at the extension whether it was set by the extension user (Timed Reminder) or by the Manager extension or an Operator (Timed Reminder, Remote).
- **Station Message Detail Recording (SMDR)**
  SMDR automatically records the detailed Timed Reminder information (date, time, extension number, start/no answer). It is programmable to be printed out when the Timed Reminder starts and the alarm is not answered. Refer to "Station Message Detail Recording (SMDR)" in the Features Guide for further information.

**Programming Guide References**

[000] Date and Time Set
[990] System Additional Information

**User Manual References**

4.3.78 Timed Reminder
4.5 Special Display Features

4.5.1 Special Display Features

With the display telephone, KX-T7230, KX-T7235, KX-T7431, KX-T7433 or KX-T7436, you can easily access several features.

The display telephones have the ability to perform the following features.

<table>
<thead>
<tr>
<th>Feature</th>
<th>KX-T7230</th>
<th>KX-T7235</th>
<th>KX-T7431</th>
<th>KX-T7433</th>
<th>KX-T7436</th>
</tr>
</thead>
<tbody>
<tr>
<td>Call Forwarding / Do Not Disturb</td>
<td>✔</td>
<td>✔</td>
<td>✔</td>
<td>✔</td>
<td>✔</td>
</tr>
<tr>
<td>Call Log, Incoming</td>
<td>✔</td>
<td>✔</td>
<td>✔</td>
<td>✔</td>
<td>✔</td>
</tr>
<tr>
<td>Call Log Lock, Incoming</td>
<td>✔</td>
<td>✔</td>
<td>✔</td>
<td>✔</td>
<td>✔</td>
</tr>
<tr>
<td>Call Log, Outgoing</td>
<td>✔</td>
<td>✔</td>
<td>✔</td>
<td>✔</td>
<td>✔</td>
</tr>
<tr>
<td>Call Directory</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Extension Dialing</td>
<td>✔</td>
<td>✔</td>
<td>✔</td>
<td>✔</td>
<td>✔</td>
</tr>
<tr>
<td>Station Speed Dialing</td>
<td>✔</td>
<td>✔</td>
<td>✔</td>
<td>✔</td>
<td>✔</td>
</tr>
<tr>
<td>System Speed Dialing</td>
<td>✔</td>
<td>✔</td>
<td>✔</td>
<td>✔</td>
<td>✔</td>
</tr>
<tr>
<td>System Feature Access Menu</td>
<td>✔</td>
<td>✔</td>
<td>✔</td>
<td>✔</td>
<td>✔</td>
</tr>
</tbody>
</table>

"✔" indicates the feature is available.

Helpful Information about Display Operation

Press **CONT** (S1) to adjust the display contrast.
Press **RING** (S2) to adjust the ringer volume.
Press **BGM** (S3) to turn on/off the BGM.
Press **MENU** (S1) to return to the initial display.
Press **PREV** (S2) to return to the previous display.
Press **NEXT** (S3) to advance to the next display.
Press **ACCNT** (S3) to enter an account code.
4.5.2 Call Forwarding / Do Not Disturb (KX-T7436 / KX-T7235 only)

You can set or cancel the Call Forwarding and Do Not Disturb features using the display.

Features on the First Display

- **Off-hook.**
- **Press the FWD/DND button.**
- **First Display**
  - FWD/DND Cancel
  - Do Not Disturb
  - FWD-All Calls (→ ext)
  - FWD-Busy (→ ext)
  - FWD-No Answer (→ ext)

- **FWD/DND Cancel**
  - Cancels the Call Forwarding and Do Not Disturb (DND) features at your extension.

- **Do Not Disturb (DND)**
  - Rejects incoming calls.

- **Call Forwarding**
  - Sets forwarding all incoming calls to another extension, when busy or when you do not answer.

- **Press the NEXT (S3) button to go to the next display.**

- **On-hook.**
- **Dial destination extension number.**

- **On-hook.**
Features on the Second Display

Call Forwarding – Busy / No Answer
Sets forwarding incoming calls to another extension when busy or you do not answer.

Dial destination extension number.

On-hook.

Call Forwarding – to Outside Line
Sets forwarding all incoming calls to an external party.

Dial line access code (9 or 81 through 88).

Call Forwarding – Follow Me
Sets or cancels "Call Forwarding – All Calls" from the destination extension.

Set
Cancel

Dial destination phone number and #.

Dial your extension number.

On-hook.

Second Display

FWD-BSY/NA (→ext)
FWD-CO Line (→dial)
FWD-From (→ext)
FWD-From Cancel (→ext)

Press the PREV (S2) or NEXT (S3) button to go to the first display.
4.5.3 Call Log, Incoming (KX-T7436 / KX-T7433 / KX-T7235 / KX-T7230 only)

If you do not answer an incoming CO call, your extension automatically records the call information from the Caller ID service\(^1\), and the SHIFT button indicator lights. Up to 30 calls can be logged per extension. When the call log is full (30 calls are stored), you can select how the 31st call is treated. Either a new call can be disregarded or the new call overwrites the oldest call. (Default: Record the new call.) You can also modify the logged numbers for callback purpose.

**Setting overwriting the call log**

![Diagram for setting overwriting the call log]

**Canceling overwriting the call log (Disregarding the 31st call)**

![Diagram for canceling overwriting the call log]

---

\(^1\) The Caller ID service provides you with a caller’s information, such as his/her name and telephone number, on the CO line assigned to receive Caller ID service calls. Refer to "Caller ID Service" in the Features Guide for further information.
4.5 Special Display Features

Logging a call information while talking

**KX-T7433 / KX-T7230**
While receiving an incoming outside call, the display shows the caller's telephone number and name.

**KX-T7436 / KX-T7235**
While receiving an incoming outside call, the display shows the caller's telephone number and name.

Operating sequence

1. To answer the call, go off-hook.
2. Press the LOG (S2) button to log the information. Or press the INFO (S1) button repeatedly to see the information in detail.

Note
- Pressing the SHIFT button before answering a call provides you with more information about the caller, outside line number and/or name.
- You can select either the initial display, Caller ID or outside line name, by Station Programming.
- After going off-hook, you can press the SHIFT button to change the bottom line on the display as follows: [CONT, EFA, ACNT]
Confirming and calling back

When the SHIFT indicator is red, there are calls logged.

**KX-T7433 / KX-T7230**

**Second Display**

- **SHIFT**
- **To see the confirmed information**
- **To see the unconfirmed information**

**Sequence number (01-30) and caller's number is displayed.**

**Pressing the INFO (S1) button provides you with further information.**
- Once: sequence number (01-30) / caller's name
- Twice: date/time/number of times called (15 times max.)
- Three times: outside line number / outside line name

**To modify the phone number, press "x" to erase and "0 through 9" to add numbers from the first.**

**To call back, go off-hook.**

**05:0011223344**

- **To return to the initial display**
- **SHIFT**

once: KX-T7230

twice: KX-T7433
Operating sequence

1. Press the SHIFT button.
2. Press the OLD (S1) or NEW (S2) button to see the confirmed or unconfirmed information.
3. Press the NEXT (S3) or PREV (S3) button to see other caller's information. Or press the INFO (S1) button repeatedly to see the information in detail. Or modify the number, if required.
4. To call back, go off-hook and then press the CALL (S1) button.

Note

- To delete the displayed number, press the CLR (S2) button.
- The PREV (S3) and EXIT (S1) button appears by pressing the SHIFT button while confirming. The EXIT (S1) button is used to return to the initial display.
- When a new call is logged, the display changes to the second display automatically.
KX-T7436 / KX-T7235

Second Display

To see the confirmed information
To see the unconfirmed information

To modify the phone number, press "x" to erase and "0 through 9" to add numbers from the first digit.

To call back, go off-hook.

Outside line number/name
Caller's telephone number
Caller's name
date and time
sequence number (01-30)/number of times called (15 times max.)
Operating sequence

1. Press the SHIFT button.

2. Press the OLD (S1) or NEW (S2) button to see the confirmed or unconfirmed information.

3. Press the NEXT (S3) or PREV (S3) button to see other caller's information. Or modify the number, if required.

4. To call back, go off-hook and then press the CALL (S1) button.

Note
To delete the displayed number, press the CLR (S2) button.

The PREV (S3) button appears by pressing the SHIFT button while confirming.

When a new call is logged, the display changes to the second display automatically.

Conditions
- If a Direct In Lines (DIL) 1:1 call is forwarded by Call Forwarding, the data will be logged at both the forwarding and forwarded extension.
- You can lock the display so that incoming call information is not shown on the display.
- If you modify the displayed telephone number, the new number will be memorized.
- With the KX-T7433, KX-T7436 or KX-T7235, you can set or cancel overwriting the call log using the display operation.

Programming Guide References
- [100] Flexible Numbering
- [406] Caller ID Assignment
- [417] Outside Line Name Assignment

User Manual References
- 2.2.1 Initial Settings
- 4.5.4 Call Log Lock, Incoming (KX-T7436 / KX-T7433 / KX-T7235 / KX-T7230 only)
- 4.5.8 KX-T7235 Display Features - System Feature Access Menu
- 4.5.11 KX-T7431 / KX-T7433 / KX-T7436 Display Features - System Feature Access Menu
4.5.4 Call Log Lock, Incoming (KX-T7436 / KX-T7433 / KX-T7235 / KX-T7230 only)

Allows you to lock the display of your extension so that the "Call Log, Incoming" feature is not shown on the display, if you do not want others to see the information.

**Locking**

<table>
<thead>
<tr>
<th>7230 / 7235 / 7433 / 7436</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lift the handset or press SP-PHONE.</td>
</tr>
<tr>
<td>Dial 57.</td>
</tr>
<tr>
<td>[same code] (lock code)</td>
</tr>
<tr>
<td>Hang up or press SP-PHONE.</td>
</tr>
</tbody>
</table>

**<PT Display Example>**

Log Locked : XXX

Lock code you dialed

**Unlocking**

<table>
<thead>
<tr>
<th>7230 / 7235 / 7433 / 7436</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lift the handset or press SP-PHONE.</td>
</tr>
<tr>
<td>Dial 57.</td>
</tr>
<tr>
<td>lock code</td>
</tr>
<tr>
<td>Hang up or press SP-PHONE.</td>
</tr>
</tbody>
</table>

**<PT Display Example>**

Unlocked

**Conditions**

- **Call Log Lock Control, Incoming**
  The Manager or an Operator can unlock the call log display for any extension, if you forget your lock code (Call Log Lock Control, Incoming).
- With the KX-T7433, KX-T7436 or KX-T7235, you can execute this feature using the display operation.

**Programming Guide References**

- [100] Flexible Numbering
- [406] Caller ID Assignment
User Manual References

- 4.4.3 Call Log Lock Control, Incoming
- 4.5.3 Call Log, Incoming (KX-T7436 / KX-T7433 / KX-T7235 / KX-T7230 only)
- 4.5.8 KX-T7235 Display Features - System Feature Access Menu
- 4.5.11 KX-T7431 / KX-T7433 / KX-T7436 Display Features - System Feature Access Menu
4.5.5 Call Log, Outgoing (KX-T7436 / KX-T7235 only)

Last five CO calls you made are automatically logged. You can make a call using the call log.

Making a call using a call log

1. Press the Call Log (F5) button.
2. Press the Function button which is next to the desired number.

Note
- To delete all numbers, press the CLR (S2) button.
- To return to the initial display, press the MENU (S1) button.
4.5.6 KX-T7235 Display Features

The KX-T7235 telephone allows you to make a call or operate the features using the display message with the Function buttons.

1) Call Directory
   Extension Dialing
   Station Speed Dialing
   System Speed Dialing

2) System Feature Access Menu
   The System Feature Access Menu provides a display of the system features which appear in alphabetical order. The available features are as follows:

<table>
<thead>
<tr>
<th>Absent Message Capability</th>
<th>Message Waiting</th>
</tr>
</thead>
<tbody>
<tr>
<td>Automatic Callback Busy (Camp-On), Cancel</td>
<td>Night / Day (Lunch / Break) Service</td>
</tr>
<tr>
<td>Background Music (BGM) — External</td>
<td>Outgoing Message (OGM)</td>
</tr>
<tr>
<td>Call Log, Incoming</td>
<td>Paging — External</td>
</tr>
<tr>
<td>Call Log Lock, Incoming</td>
<td>Paging — Group</td>
</tr>
<tr>
<td>Call Park</td>
<td>Paging — ANSWER</td>
</tr>
<tr>
<td>Call Pickup, Directed</td>
<td>Paging — DENY</td>
</tr>
<tr>
<td>Call Pickup, Group</td>
<td>Paralleled Telephone Connection</td>
</tr>
<tr>
<td>Call Pickup, Outside Line</td>
<td>Pickup Dialing (Hot Line)</td>
</tr>
<tr>
<td>Call Pickup Deny</td>
<td>Station Feature Clear</td>
</tr>
<tr>
<td>Call Waiting</td>
<td>System Working Report</td>
</tr>
<tr>
<td>Data Line Security</td>
<td>Timed Reminder</td>
</tr>
<tr>
<td>Door Opener</td>
<td>Timed Reminder, Remote (Wake-Up Call)</td>
</tr>
<tr>
<td>Doorphone Call</td>
<td>Walking COS</td>
</tr>
<tr>
<td>Electronic Station Lockout</td>
<td></td>
</tr>
<tr>
<td>Executive Busy Override Deny</td>
<td></td>
</tr>
<tr>
<td>External Modem Control</td>
<td></td>
</tr>
<tr>
<td>Hotel Application — Room Status (from a guest room)</td>
<td></td>
</tr>
<tr>
<td>Live Call Screening (LCS), Password Set</td>
<td></td>
</tr>
<tr>
<td>Log-In / Log-Out</td>
<td></td>
</tr>
</tbody>
</table>

3) Hotel Application
   The display message for the Hotel Application appears only when it is enabled in system programming.
Programming Guide References
- [001] System Speed Dialing Number Set
- [002] System Speed Dialing Name Set
- [003] Extension Number Set
- [004] Extension Name Set
- [012] ISDN Extension Number Set
- [013] ISDN Extension Name Set
- [134] Hotel Application

User Manual References
- 2.2.8 Station Speed Dialing Number/Name Assignment [KX-T7235/KX-T7431/KX-T7433/KX-T7436 only]
- 3.2.2 [001] System Speed Dialing Number Set
- 3.2.3 [002] System Speed Dialing Name Set
- 3.2.4 [003] Extension Number Set
- 3.2.5 [004] Extension Name Set
- 4.5.6 KX-T7235 Display Features
4.5.7 KX-T7235 Display Features - Call Directory

You can make a call using the call directory by pressing the desired button which is corresponding to the display message. The example operations are shown below.

**Extension Dialing**

Makes an intercom call using the directory.

**System Speed Dialing**

Makes a call to a party stored in the system using the directory.

**Station Speed Dialing**

Makes a call to a party stored in your phone.

**Extension Dialing / System Speed Dialing**

1. Press the Extension (F3) or SYS Speed (F9) button.
2. Press the Function button which is next to the desired alphabet.
3. Press the Function button which is next to the desired name.

**Station Speed Dialing**

1. Press the STA Speed (F8) button.
2. Press the Function button which is next to the desired name or number.
   To alternate the display between name and number, press the NEXT (S3) button.
4.5.8 KX-T7235 Display Features - System Feature Access Menu

You can access various features using the messages which are displayed in alphabetical order. To access the features, press the Feature (F4) button on the initial display first, and search for the desired feature message by pressing the NEXT (S3) button. Then press the Function button which is next to the desired feature message. To access the features while receiving a call (e.g. ringing, being paged), press the INTERCOM button first. Then follow the procedures on the following pages. The display sequence may be different depending on the system you are connected to.
Features on the First Display

Absent Message Capability
Shows your message on the calling party's display.

Executive Busy Override Deny
Denies or allows other people from joining your conversation.

Call Pickup, Outside Line
Picks up an outside call for another extension.

Call Pickup Deny
Denies or allows other people from picking up your calls.

Features
- SYS Speed
- Call Log
  - CONT
  - RING
  - BGM

First Display
- Absent MSG Off
- Absent MSG On (→1/9)
- Busy Ovrd Deny (→1/0)
- C.Pickup CO
- C.Pickup Deny (→1/0)

Dial 1 or 0.
- 1: Deny
  - 0: Allow

Dial message number (1 through 9).

Enter the parameters, if required.

Dial 1 or 0.

On-hook.

On-hook.

On-hook.

See the next page.
Features on the Second Display

Call Pickup, Directed
Picks up a specified extension's call.

Call Pickup - Group
Picks up a call within an extension group.

Call Park
Places a call on hold in a parking area or retrieves it.

Call Waiting
Sets or cancels the Call Waiting feature (Call Waiting, OHCA or Whisper OHCA).

Dial the ringing extension's number.

Dial parking zone number (0 through 9).

Automatic Callback Busy, Cancel
Cancels the setting which reserves a busy line.

- 1: to set Call Waiting
- 2: to set OHCA
- 3: to set Whisper OHCA
- 0: to cancel (Off)

On-hook.

See the next page.
Features on the Third Display

**Data Line Security**
Refuses or accepts an indication tone, e.g. call waiting tone.

**Door Opener**
Unlocks the door.
Dial 1 or 0.
- 1: Set (On)
- 0: Cancel (Off)
On-hook.

**Doorphone Call**
Calls the doorphone.
Dial door opener number.
- 1 or 2: if connected to KX-TD816
- 1 through 4: if connected to KX-TD1232
On-hook.

**Background Music – External**
(operator/manager only)
Refer to the corresponding feature in Section 4.4: "Operator / Manager Service Features".

**External Modem Control**
Sends the AT Command to an external modem.
Dial doorphone number.
- 1 or 2: if connected to KX-TD816
- 1 through 4: if connected to KX-TD1232
On-hook.
Enter AT Command number (1 through 5).

---

322 Station Features and Operation (DPT/SLT)
Features on the Fourth Display

LCS, Password Set
Sets or cancels the password for the Live Call Screening feature.

Call Log Lock, Incoming
Denies or allows other people from seeing your incoming call log.

Enter password (000 through 999).
- twice: to set
- once: to cancel

Enter lock code (000 through 999).
- twice: to deny
- once: to allow

Call Log, Incoming
Selects whether the 31st call is disregarded or overwrites the oldest call.

Log-In / Log-Out
Joins or Leaves the call receiving group.

Message Waiting
Leaves a message notification.

Dial 1 or 0.
- 1: overwrite (On)
- 0: disregard (Off)

Dial 1 or 0.
- 1: Log-In (On)
- 0: Log-Out (Off)

Cancel

Dial extension number.

On-hook.
Features on the Fifth Display

Message Waiting
Leaves a message notification.

Set
Dial extension number.

Night Service
(Operator/manager/assigned extension only)
Changes the day/night mode.

Dial 0-3
- 0: Day
- 1: Night
- 2: Lunch
- 3: Break

Outgoing Message (OGM)
(Operator/manager only)
Refer to the corresponding feature in Section 4.4, "Operator/Manager Service Features."

Paging — DENY
Denies or allows being paged.

Dial 1 or 0.
- 1: Deny
- 0: Allow

On-hook.
Features on the Sixth Display

- **Paging – Answer**
  Answers a page sent to a built-in speaker or a particular external pager.

- **Paging – Group**
  Pages to all or particular extension group.

- **Paging – External**
  Pages through all or particular external pager.

- **A page sent to a built-in speaker (Paging – Group)**

- **A page sent to an external pager (Paging – External)**

- **Dial the extension group number (1 through 8) or 0.**
  - 0: All extension groups.

- **Dial the external pager number (1 through 4).**
  - 1: if connected to the KX-TD816.
  - 1 through 4: if connected to the KX-TD1232.

- **Dial the external pager number (1 through 4) or 0.**
  - 1: if connected to the KX-TD816.
  - 1 through 4: if connected to the KX-TD1232.
  - 0: All external pagers.

- **Parallel Telephone Connection**
  Sets the paralleled telephone connection on or off.

- **See the next page.**

- **On-hook.**

- **Dial 1 or 0.**
  - 1: to set (On)
  - 0: to cancel (Off)
Features on the Seventh Display

**Pickup Dialing (Hot Line)**
Stores the number to call a party by going off-hook and sets or cancels this feature.

**Timed Reminder, Remote (Wake-Up Call)**
(operator/manager only)
Refer to the corresponding feature in Section 4.4, "Operator / Manager Service Features".

**Set / Cancel**
Dial 1 or 0.
- 1: Set (On)
- 0: Cancel (Off)

**Store**
Enter phone number and #.

**Hotel Application - Room Status**
Changes the room status of a telephone in a guest room.

**Electronic Station Lockout**
Denies or allows other people from using your telephone.

**Enter lock code**
(000 through 999).
- twice: to deny
- once: to allow

See the next page.
Features on the Eighth Display

**Station Feature Clear**
Clears the features set at your telephone.

**On-hook**

**Timed Reminder**
Sets or cancels the alarm ringing time.

Press the desired Function button and enter the required parameters:
- Time: (hh:mm): 7:00
- AM/PM: 0
- Daily Y/N: 0

**System Working Report**
(Operator/manager only)
Refer to the corresponding feature in Section 4.4, "Operator/Manager Service Features".

**Walking COS**
Calls using your privileges at another extension.

Enter password.

To set, press PROG (S3) button.
To cancel, press CLR (S2) button.

**Eighth Display**
- Station Program Clear
- SWR Printout
- Timed Reminder
- Walking COS

**Returns to the first display**

**Dial your extension number.**

Dial the line access code (if required) and phone number.
4.5.9 KX-T7431 / KX-T7433 / KX-T7436 Display Features

The KX-T7431, KX-T7433 and KX-T7436 telephones allow you to make a call or operate the features using the display message.

1) Call Directory
   Extension Dialing
   Station Speed Dialing
   System Speed Dialing

2) System Feature Access Menu
   The System Feature Access Menu provides a display of the system features which appear in alphabetical order. The available features are as follows:

<table>
<thead>
<tr>
<th>Absent Message Capability</th>
<th>Hotel Application — Room Status (from a guest room)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Automatic Callback Busy (Camp-On), Cancel</td>
<td>Live Call Screening (LCS), Password Set</td>
</tr>
<tr>
<td>Background Music (BGM) — External</td>
<td>Log-In / Log-Out</td>
</tr>
<tr>
<td>Call Log, Incoming</td>
<td>Message Waiting</td>
</tr>
<tr>
<td>Call Log Lock, Incoming</td>
<td>Night / Day (Lunch / Break) Service</td>
</tr>
<tr>
<td>Call Park</td>
<td>Outgoing Message (OGM)</td>
</tr>
<tr>
<td>Call Pickup, Directed</td>
<td>Paging — External</td>
</tr>
<tr>
<td>Call Pickup, Group</td>
<td>Paging — Group</td>
</tr>
<tr>
<td>Call Pickup, Outside Line</td>
<td>Paging — ANSWER</td>
</tr>
<tr>
<td>Call Pickup Deny</td>
<td>Paging — DENY</td>
</tr>
<tr>
<td>Call Waiting</td>
<td>Paralleled Telephone Connection</td>
</tr>
<tr>
<td>Data Line Security</td>
<td>Pickup Dialing (Hot Line)</td>
</tr>
<tr>
<td>Door Opener</td>
<td>Station Feature Clear</td>
</tr>
<tr>
<td>Doorphone Call</td>
<td>System Working Report</td>
</tr>
<tr>
<td>Electronic Station Lockout</td>
<td>Timed Reminder</td>
</tr>
<tr>
<td>Executive Busy Override Deny</td>
<td>Timed Reminder, Remote (Wake-Up Call)</td>
</tr>
<tr>
<td>External Modem Control</td>
<td>Walking COS</td>
</tr>
</tbody>
</table>
3) **Hotel Application (KX-T7436 only)**

The display message for the Hotel Application appears only when it is enabled in system programming.

**Jog Dial Operation**

You can search for desired items on the corresponding display menu by using the Jog Dial. Rotate the Jog Dial in either direction as desired. The items will be displayed as follows.

- **Left** (counter-clockwise)
  - To the previous item
- **Right** (clockwise)
  - To the next item

**Jog Dial Operation Display**

— **KX-T7431**

While idle, the display changes as follows by pressing the MODE button. The Jog Dial operation is available in the second through seventh displays.
— KX-T7433
The Jog Dial operation is available in the third display. While idle, the bottom line of the display changes by pressing the SHIFT button as follows.

— KX-T7436
The Jog Dial operation is available in the initial and third display. While idle, the bottom line of the display changes by pressing the SHIFT button as follows.

Conditions
- The sixth and seventh displays of the KX-T7431 are used for the ringer volume and display contrast adjustments. For details, refer to the "Initial Setting for KX-T7400 Series" 1.1.1 Configuration in this manual.
4.5.10 KX-T7431 / KX-T7433 / KX-T7436 Display Features - Call Directory

There are three Call Directory features as follows.

<table>
<thead>
<tr>
<th>Feature</th>
<th>Description</th>
<th>Condition</th>
</tr>
</thead>
<tbody>
<tr>
<td>Extension Dialing</td>
<td>You can make an intercom call using the directory.</td>
<td>Only items which have a name assigned are displayed in alphabetical order.</td>
</tr>
<tr>
<td>System Speed Dialing</td>
<td>You can make a call to a party stored in the system using the directory.</td>
<td></td>
</tr>
<tr>
<td>Station Speed Dialing</td>
<td>You can make a call to a party stored in your phone</td>
<td>Items which have a name assigned are displayed by priority in stored order. If a name is not assigned, the number is displayed. The displaying mode, name or number, can be assigned in System Programming.</td>
</tr>
</tbody>
</table>

To use the Call Directory, you may shift the display to the Jog Dial Operation display by pressing the SHIFT or MODE button first. Then follow the procedures on the following pages.

Programming Guide References
[001] System Speed Dialing Number Set
[002] System Speed Dialing Name Set
[003] Extension Number Set
[004] Extension Name Set
[012] ISDN Extension Number Set
[013] ISDN Extension Name Set
[990] System Additional Information

User Manual References
2.2.8 Station Speed Dialing Number/Name Assignment [KX-T7235/KX-T7431/KX-T7433/KX-T7436 only]
3.2.2 [001] System Speed Dialing Number Set
3.2.3 [002] System Speed Dialing Name Set
3.2.4 [003] Extension Number Set
3.2.5 [004] Extension Name Set
System Speed Dialing / Station Speed Dialing / Extension Dialing

1. Rotate the Jog Dial until the desired item is displayed.

2. Press the SELECT button or go off-hook.

Note
- You can lift the handset or press the SP-PHONE button instead of the SELECT button.
- Press the MODE button to return to the initial display.
- For System Speed Dialing and Extension Dialing, before rotating the Jog Dial, you can press the corresponding alphabet key to select the desired letter.
  
Example: Press 2 twice to display "B" items.
**System Speed Dialing**

1. **Rotate the Jog Dial** until the desired item is at the arrow.
2. Press the **CALL (S3)** button or **go off-hook**.

**Station Speed Dialing / Extension Dialing**

1. Press the **STA (S1)** or **EXT (S2)** button.
2. **Rotate the Jog Dial** until the desired item is at the arrow.
3. Press the **CALL (S3)** button or **go off-hook**.

**Note**

- For System Speed Dialing and Extension Dialing, before rotating the Jog Dial, you can press the corresponding alphabet key to select the desired letter.

<Example> Press 2 twice to display "B" items.
Extension Dialing / Station Speed Dialing / System Speed Dialing

1. Press the Extension (F3), STA Speed (F8) or SYS Speed (F9) button.
2. Rotate the Jog Dial until the desired item is at the arrow.
3. Press the CALL (S3) button or go off-hook.

Note
- You can press the Function button (F1 through F10) on the same line of the desired item instead of the CALL (S3) button.
- For System Speed Dialing and Extension Dialing, before rotating the Jog Dial, you can press the corresponding alphabet key to select the desired letter. 
  <Example> Press 2 twice to display "B" items.
4.5 Special Display Features

— Using the Soft button or rotating Jog Dial directly —

**System Speed Dialing**

1. **Rotate the Jog Dial** until the desired item is at the arrow.
2. Press the **CALL (S3)** button or **go off-hook**.

**Station Speed Dialing / Extension Dialing**

1. Press the **STA (S1)** or **EXT (S2)** button.
2. **Rotate the Jog Dial** until the desired item is at the arrow.
3. Press the **CALL (S3)** button or **go off-hook**.

**Note**

- You can press the Function button (F1 through F10) on the same line of the desired item instead of the CALL (S3) button.
- For System Speed Dialing and Extension Dialing, before rotating the Jog Dial, you can press the corresponding alphabet key to select the desired letter.

<Example> Press 2 twice to display "B" items.
4.5.11 KX-T7431 / KX-T7433 / KX-T7436 Display Features - System Feature Access Menu

You can access the features which are displayed in alphabetical order. To access the features, you may shift the display to the Jog Dial Operation display by pressing the MODE or SHIFT button first. Then follow the procedures below. To access the features while receiving a call (e.g. ringing, being paged), press the INTERCOM button first. Then follow the procedures below.

- **Fifth Display**
  - Feature Access
  - If a parameter is required, the feature name and parameter will flash.
  - Enter a parameter, if required.

- **Third Display**
  - WED Jan. 1 03:00P
  - STA EXT FEAT
  - If a parameter is required, the feature name and parameter will flash.
  - Enter a parameter, if required.

- **Third Display**
  - WED Jan. 1 03:00P
  - STA EXT FEAT
  - If a parameter is required, the parameter will flash.
  - Enter a parameter, if required.
KX-T7431
1. **Rotate the Jog Dial** until the desired item is displayed.  
2. Press the **SELECT** Button.  
3. Enter the parameter, if required.

**Note**
- When using a KX-T7436, you can press the Function button (F1 through F10) on the same line of the desired item instead of the SEL (S3) button.
- When using a KX-T7436, you can press the Feature (F4) button in any display (initial through third).
- Before rotating the Jog Dial, you can press the corresponding alphabet key to select the desired letter.  
  <Example> Press 2 twice to display "B" items.

KX-T7433
1. Press the **FEAT** (S3) button.  
2. **Rotate the Jog Dial** until the desired item is at the arrow.  
3. Press the **SEL** (S3) button.  
4. Enter the parameter, if required.  
5. On-hook, if required.

KX-T7436
1. Press the **Features** (F4) or **FEAT** (S3) button.  
2. **Rotate the Jog Dial** until the desired item is at the arrow.  
3. Press the **SEL** (S3) button.  
4. Enter the parameter, if required.  
5. On-hook, if required.

**System Feature List**
You can access the following features which are displayed in alphabetical order. The parameters use in the list are for a telephone connected to a KX-TD1232. For more details about the features and the required parameters, refer to the respective features in 4.3 Station Features and Operation, and 4.4 Operator / Manager Service Features.

<table>
<thead>
<tr>
<th>Display (KX-T7436/KX-T7235)</th>
<th>Display (KX-T7431/KX-T7433)</th>
<th>Feature Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Absent MSG Off</td>
<td>ABST MSG Off</td>
<td>Cancel the absent message.</td>
</tr>
<tr>
<td>Absent MSG On (→1-9)</td>
<td>ABST MSG On 1-9</td>
<td>Set an absent message.</td>
</tr>
<tr>
<td>Busy Ovrd Deny (→1/0)</td>
<td>BSY Ovr DNY 1/0</td>
<td>Deny or allow other people from joining your conversation.</td>
</tr>
<tr>
<td>C.Pickup CO</td>
<td>C.Pickup CO</td>
<td>Pick up a CO call for another extension.</td>
</tr>
<tr>
<td>C.Pickup Deny (→1/0)</td>
<td>C.PickupDNY 1/0</td>
<td>Deny or allow other people from picking up your calls.</td>
</tr>
<tr>
<td>Display</td>
<td>Display</td>
<td>Feature Description</td>
</tr>
<tr>
<td>-----------------------</td>
<td>-----------------------</td>
<td>--------------------------------------------------------------------------------------</td>
</tr>
<tr>
<td>C.Pickup Direct (→ext)</td>
<td>C.PickupDRT ext</td>
<td>Pick up a specific extension's call.</td>
</tr>
<tr>
<td>C.Pickup Group</td>
<td>C.Pickup GRP</td>
<td>Pick up a call within your extension group.</td>
</tr>
<tr>
<td>C.Waiting (→0-3)</td>
<td>C.Waiting 0-3</td>
<td>Cancel or set the Call Waiting feature (Call Waiting, OHCA or Whisper OHCA).</td>
</tr>
<tr>
<td>Call Park (→0-9)</td>
<td>Call Park 0-9</td>
<td>Place a call on hold in a system parking area.</td>
</tr>
<tr>
<td>Callback Busy Cancel</td>
<td>Callback Cancel</td>
<td>Cancel the setting which reserves a busy line.</td>
</tr>
<tr>
<td>Data Line On/Off (→1/0)</td>
<td>Data Line 1/0</td>
<td>Refuse or accept an indication tone, e.g. call waiting tone.</td>
</tr>
<tr>
<td>Door Open (→1-4)</td>
<td>Door Open 1-4</td>
<td>Unlock the door.</td>
</tr>
<tr>
<td>Doorphone Call(→1-4)</td>
<td>Doorphone 1-4</td>
<td>Call the doorphone.</td>
</tr>
<tr>
<td>Extn BGM On/Off</td>
<td>Extn-BGM On/Off</td>
<td>Turn on/off the background music through the external pagers.*</td>
</tr>
<tr>
<td>Extn MODEM CTRL (→1-5)</td>
<td>Extn MODEM 1-5</td>
<td>Control the external modem by sending a pre-assigned AT Command.</td>
</tr>
<tr>
<td>LCS Password (→abcabc)</td>
<td>LCS # abcabc</td>
<td>Assign the password for the Live Call Screening feature.</td>
</tr>
<tr>
<td>Log Lock Call (→abcabc)</td>
<td>Log Lock abcabc</td>
<td>Deny other people from seeing your call log.</td>
</tr>
<tr>
<td>Log Ovrt On/Off(→1/0)</td>
<td>Log Ovrt 1/0</td>
<td>Select how the 31st call is treated, either it is disregarded or overwrites the oldest call.</td>
</tr>
<tr>
<td>Login/Logout (→1/0)</td>
<td>Login/out 1/0</td>
<td>Join or leave an extension group.</td>
</tr>
<tr>
<td>Message Off (→ext)</td>
<td>MSG Off ext</td>
<td>Cancel a message waiting notification.</td>
</tr>
<tr>
<td>Message On (→ext)</td>
<td>MSG On ext</td>
<td>Leave a message waiting notification so that the called party may call you back.</td>
</tr>
<tr>
<td>Night Mode (→0-3)</td>
<td>Night Mode 0-3</td>
<td>Change the day/night mode.*</td>
</tr>
<tr>
<td>OGM Playback (→1-4)</td>
<td>OGM Play 1-4</td>
<td>Playback the outgoing message.*</td>
</tr>
<tr>
<td>OGM Recording (→1-4)</td>
<td>OGM Record 1-4</td>
<td>Record an outgoing message.*</td>
</tr>
<tr>
<td>Page Deny On/Off (→1/0)</td>
<td>Page Deny 1/0</td>
<td>Deny or allow being paged.</td>
</tr>
<tr>
<td><strong>Display</strong> (KX-T7436/KX-T7235)</td>
<td><strong>Display</strong> (KX-T7431/KX-T7433)</td>
<td><strong>Feature Description</strong></td>
</tr>
<tr>
<td>-------------------------------</td>
<td>-------------------------------</td>
<td>------------------------</td>
</tr>
<tr>
<td>Page-Ext Answer (→1-4)</td>
<td>Page-E ANS 1-4</td>
<td>Answer the page through a speaker.</td>
</tr>
<tr>
<td><strong>Page-GRP Answer</strong></td>
<td><strong>Page-GRP ANS</strong></td>
<td>Answer the page through a telephone in the same paging group.</td>
</tr>
<tr>
<td>Paging External (→0-4)</td>
<td>Page Extn 0-4</td>
<td>Page through the speaker.</td>
</tr>
<tr>
<td>Paging Group (→0-8)</td>
<td>Page GRP 0-8</td>
<td>Page to all or a particular paging group.</td>
</tr>
<tr>
<td>Parallel On/Off(→1/0)</td>
<td>Parallel 1/0</td>
<td>Set whether a Single Line Telephone connected in parallel will ring or not when receiving a call.</td>
</tr>
<tr>
<td>Pickup Dialing (→1/0)</td>
<td>Pickup Dial 1/0</td>
<td>Set or cancel the feature, calling to a pre-set party by going off-hook.</td>
</tr>
<tr>
<td>Pickup DL Prg (→..+#)</td>
<td>Pickup DL PG..#</td>
<td>Store the extension or phone number to call a party by going off-hook.</td>
</tr>
<tr>
<td>Remote Timed Reminder</td>
<td>R-Timed Remind</td>
<td>Set the alarm ringing time for any extension.¹²</td>
</tr>
<tr>
<td>Room Status Ready</td>
<td>Room Ready</td>
<td>Change the room status at a telephone in a guest room.</td>
</tr>
<tr>
<td>Station Lock (→abcabc)</td>
<td>St. Lock abcabc</td>
<td>Prevent other people from making an outgoing CO call from your extension.</td>
</tr>
<tr>
<td>Station Program Clear</td>
<td>STA. Prog Clear</td>
<td>Clear the features set at your telephone.</td>
</tr>
<tr>
<td>SWR Printout (→1/0)</td>
<td>SWR Print 1/0</td>
<td>Print out or clear the system working report.¹¹</td>
</tr>
<tr>
<td>Timed Reminder</td>
<td>Timed Reminder</td>
<td>Set the alarm ringing time.²³</td>
</tr>
<tr>
<td>Walking COS (→code+ext)</td>
<td>WK.COS code+ext</td>
<td>Call using your privileges at another extension.</td>
</tr>
</tbody>
</table>

¹¹ Only available for the Manager and the Operators.

¹² Only available for the operators and manager. After selecting this message, follow the steps in the "Timed Reminder, Remote" feature in Section 4.4 Operator / Manager Service Features.

²³ After selecting this message, follow the steps as follows.
- KX-T7436: steps of the "Timed Reminder" feature in "KX-T7235 Display Features – System Feature Access Menu (Features on the Eighth Display)" in this section.
- KX-T7431 and KX-T7433: steps after dialing the feature number (76) of the 4.3.78 Timed Reminder feature.
4.5 Special Display Features
Section 5

DSS Console Features

Note: All illustrations of the DPT (paired telephone) used in these operating instructions are based on model KX-T7235.
5.1 Configuration

5.1.1 Configuration

With a Directed Station Selection (DSS) Console, you can make or transfer calls and access system features with the touch of a button. The DSS Console must be connected to the Panasonic Digital Super Hybrid System and paired with a DPT. System Programming is required to designate the jack number of the paired PT. With a paired telephone, you can carry out the following operations using the DSS Console:

- Direct access to an extension (Direct Station Dialing)
- Quick access to an outside party (One-Touch Dialing)
- Quick access to a system feature (One-Touch Access for System Features)
- Easy transfer to an extension (Call Transfer)

The above functions are enabled simply by pressing buttons on the console which are pre-programmed as function buttons through Station Programming.

Panasonic KX-T series DSS Consoles are categorized as follows:

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>KX-T7240</td>
<td>DSS Console (32-DSS buttons, 16-PF buttons)</td>
</tr>
<tr>
<td>KX-T7440</td>
<td>DSS Console (66-DSS buttons)</td>
</tr>
<tr>
<td>KX-T7441</td>
<td>DSS Console for Attendant (48-DSS buttons, ANSWER button, RELEASE button)</td>
</tr>
</tbody>
</table>

Conditions

- The DSS Console and the PT should be placed side by side on your desk.
- A single line telephone cannot be utilized in conjunction with the DSS Console.
- For System Programming, please consult with your dealer.

Programming Guide References

[007] DSS Console Port and Paired Telephone Assignment
5.1.2 Location of Controls

KX-T7240

DSS Buttons with Busy Lamp Field (BLF) (01 through 32):
Used to access extensions. The BLF indicates the busy or idle status of each corresponding extension in the system. These buttons can also be changed to other function buttons.

PF (Programmable Feature) Buttons (01 through 16):
These buttons are provided with no default settings. With a paired telephone, you can program the buttons as other function buttons.

<Back View>

Used to connect to the Panasonic Digital Super Hybrid System
KX-T7440
DSS Buttons with
Busy Lamp Field (BLF)(01 through 66)

KX-T7441
DSS Buttons with
Busy Lamp Field (BLF)(01 through 48)

ANSWER Button
RELEASE Button

Connection

Included telephone line cord

→ Connect to the Panasonic Digital Super Hybrid System.
5.1.3 Feature Buttons

DSS Consoles have the following types of Feature Buttons:

**DSS Buttons with Busy Lamp Field (BLF)**

Used to access extensions. The BLF indicates the busy or idle status of each extension in the system. These buttons can also be changed to other function buttons.

**PF (Programmable Feature) Buttons [KX-T7240 only]**

These buttons are provided with no default settings. With a paired telephone, you can program the buttons as other function buttons.

**ANSWER Button [KX-T7441 only]**

Used to answer an incoming call.

**RELEASE Button [KX-T7441 only]**

Used to disconnect the line.
5.2 Station Programming

5.2.1 Station Programming Instructions

PF buttons are provided with no default settings, while each DSS button has a default setting as follows. DSS 01-32: extension numbers 101-132 (DSS 33-66: not stored).
To meet your various needs, DSS buttons can be changed to other function buttons.
Every DSS or PF button can be assigned to another extension number, telephone number or feature number through Station Programming.

Conditions
- DSS buttons and PF buttons can be changed to any of the following feature buttons through Station Programming:

<table>
<thead>
<tr>
<th>Features to be assigned</th>
<th>Button</th>
<th>DSS</th>
<th>PF</th>
</tr>
</thead>
<tbody>
<tr>
<td>Another DSS (Direct Station Selection)</td>
<td>✔</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Phantom Extension</td>
<td>✔</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ONE-TOUCH (One-Touch Dialing)</td>
<td>✔</td>
<td>✔</td>
<td>✔</td>
</tr>
<tr>
<td>MESSAGE (Message Waiting)</td>
<td>✔</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MESSAGE (Another/Phantom Extension)</td>
<td>✔</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FWD/DND (Call Forwarding/Do Not Disturb)</td>
<td>✔</td>
<td>✔</td>
<td>✔</td>
</tr>
<tr>
<td>SAVE (Saved Number Redial)</td>
<td>✔</td>
<td>✔</td>
<td></td>
</tr>
<tr>
<td>ACCOUNT (Account Code Entry)</td>
<td>✔</td>
<td>✔</td>
<td></td>
</tr>
<tr>
<td>CONF (Conference)</td>
<td>✔</td>
<td>✔</td>
<td></td>
</tr>
<tr>
<td>Voice Mail (VM) Transfer</td>
<td>✔</td>
<td>✔</td>
<td></td>
</tr>
<tr>
<td>Two-Way Record*</td>
<td>✔</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Two-Way Transfer*</td>
<td>✔</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LCS (Live Call Screening)*</td>
<td>✔</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LCS (Live Call Screening) Cancel*</td>
<td>✔</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Night/Day (Lunch/Break) Service</td>
<td>✔</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Available when the Digital Super Hybrid System is connected to a Digital Proprietary Telephone capable Panasonic Voice Processing System (one that supports digital proprietary telephone integration; e.g. KX-TVS100).

"✔" indicates that the feature is available.

- When the STORE button is pressed after programming, you will hear beep tones as follows.
  - One beep: The entry is changed from one that was stored previously.
  - Two beeps: The entry is the same as on stored previously.

Programming Guide References

[007] DSS Console Port and Paired Telephone Assignment

User Manual References

2.2.2 Flexible Button Assignment
5.2.2 Extension Number Assignment

You can assign the desired extension number to a DSS button.

– Be sure that you are in the Station Programming mode: Press [PROGRAM] [9] [9].

PT and DSS Console

[DSS Console] [Paired telephone] [Paired telephone] [Paired telephone]

(0SS) 1 extension no. AUTO DIAL STORE

Press the desired DSS button. Dial 1. Enter the desired extension number. Press STORE.

<PT Display Example>

EXT- CLR

• The STORE indicator lights.
• The display shows the initial programming mode.

<PT Display Example>

EXT--xxxx (-xxxx:extension number) CLR

• To erase an incorrect entry, press the CLR (S2) button or the TRANSFER (CLEAR) button.
(The TRANSFER button becomes the CLEAR button in the Station Programming mode.)

– To exit the Station Programming mode: Press [PROGRAM] or lift the handset.
5.2.3 One-Touch Dialing Assignment

You can assign a DSS or PF button as a One-Touch Dialing button. The number can be an extension number or a telephone number. Up to 16 digits can be stored into each memory location.

—Be sure that you are in the Station Programming mode: Press [PROGRAM] [9] [9].

**PT and DSS Console**

<table>
<thead>
<tr>
<th>[DSS Console]</th>
<th>[Paired telephone]</th>
<th>[Paired telephone]</th>
<th>[Paired telephone]</th>
</tr>
</thead>
<tbody>
<tr>
<td>(DSS) or (PF)</td>
<td>2</td>
<td>desired no.</td>
<td>AUTO DIAL STORE</td>
</tr>
<tr>
<td>Press the desired DSS or PF button.</td>
<td>Dial 2.</td>
<td>Enter the desired number (extension number, phone number, etc).</td>
<td>Press STORE.</td>
</tr>
</tbody>
</table>

- The STORE indicator lights.
- The display shows the initial programming mode.

**<PT Display Example>**

CLR

- Up to 16 digits can be stored.
- When you assign an outside phone number, you must enter a line access code first.
- To erase an incorrect entry, press the CLR (S2) button or the TRANSFER (CLEAR) button.
  (The TRANSFER button becomes the CLEAR button in the Station Programming mode.)

—To exit the Station Programming mode: Press [PROGRAM] or lift the handset.
5.2.4 One-Touch Access Assignment for System Features

You can assign the desired feature number to a DSS or PF button.

—Be sure that you are in the Station Programming mode: Press [PROGRAM] [9] [9].

- Press the desired DSS or PF button.
- Dial 2.
- Enter the desired feature number.
- Press STORE.

<PT Display Example>

CLR

- The STORE indicator lights.
- The display shows the initial programming mode.

- Up to 16 digits can be stored.
- For example, if you wish to gain access to the "Paging-All" feature, enter the feature number 330.
- To erase an incorrect entry, press the CLR (S2) button or the TRANSFER (CLEAR) button.
  (The TRANSFER button becomes the CLEAR button in the Station Programming mode.)

—To exit the Station Programming mode: Press [PROGRAM] or lift the handset.
5.3 DSS Console Features

5.3.1 Direct Station Dialing

An extension can be called and accessed, simply by pressing a DSS button. The BLF shows if the extension is busy.

PT and DSS Console

[Paired telephone]  [DSS Console]

Lift the handset or press SP-PHONE/NOMITOR.

Press the desired DSS button.
5.3.2 One-Touch Dialing

The stored number is dialed automatically by pressing a programmed DSS or PF button.

<table>
<thead>
<tr>
<th>PT and DSS Console</th>
</tr>
</thead>
<tbody>
<tr>
<td>Paired telephone</td>
</tr>
<tr>
<td>Lift the handset or press SP-PHONE/OMITOR.</td>
</tr>
<tr>
<td>[DSS Console]</td>
</tr>
<tr>
<td>(DSS) or (PF)</td>
</tr>
<tr>
<td>Press the desired DSS or PF button.</td>
</tr>
</tbody>
</table>
5.3.3 One-Touch Access for System Features

You can access system features by pressing a programmed DSS or PF button.

**PT and DSS Console**

-[Paired telephone]  [DSS Console]

Lift the handset or press
SP-PHONE/NOMITOR.

---

Press the desired
DSS or PF button.
5.3.4 Call Transfer

A call can be transferred to an extension by using the DSS button.

**One-Touch Transfer**

An outside call can be transferred to an extension with an One-Touch operation. The One-Touch Transfer function must be set through System Programming.

**Programming Guide References**

[108] Automatic Hold by CO / DSS Button
5.3.5 ANSWER and RELEASE Buttons Operation [KX-T7441 only]

The DSS Console for Attendant KX-T7441 is provided with the ANSWER button and the RELEASE button which are useful for operators who use headsets. For other DSS Consoles, ANSWER button and RELEASE button can be assigned to a DSS or PF button.

With the ANSWER button, you can answer all incoming calls to the paired telephone. With the RELEASE button, you can disconnect the line during or after a conversation or complete a Call Transfer.

**Answering a call**

![Diagram showing the DSS Console with the ANSWER button and instructions to press it to answer a call.]

**Call Transfer**

<table>
<thead>
<tr>
<th>PT and DSS Console</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>During a conversation with the headset or in the hands-free mode:</strong></td>
</tr>
<tr>
<td>[Paired telephone]</td>
</tr>
<tr>
<td>TRANSFER</td>
</tr>
</tbody>
</table>

Press TRANSFER. Press the desired DSS button or enter the desired extension number. Press RELEASE.

**One-Touch Transfer**

![Diagram showing the DSS Console with the DSS button and RELEASE button and instructions to press the DSS button and then RELEASE.]

**During a conversation with the headset or handset:**

![Diagram showing the DSS Console with the DSS button and RELEASE button and instructions to press the DSS button and then RELEASE.]

- The other party is placed on hold and the destination is called immediately.
5.3 DSS Console Features

Programming Guide References

[108] Automatic Hold by CO / DSS Button
### Display Examples

Due to the Bilingual Display Selection Feature, you can select the display in English or French. The left part is the English display and the right part is the French display.

<table>
<thead>
<tr>
<th>English Display</th>
<th>French Display</th>
<th>Description</th>
</tr>
</thead>
</table>
| Set Time & Date | REGLER HEUR/DATE | Factory setting.  
|                 |                | — Shown on the manager's display only. |
| FRI JAN01 12:00A | VEN JAN01 12:00A | The current date and time are not set.  
|                 |                | — Pressing "x" while on-hook alternates between this display and the self extension number and name display. |
| 123:            | 123:           | Make or receive an intercom call; name is not assigned. |
| 123:Tony Viola  | 123:TONY VIOLA | Make or receive an intercom call; name is assigned.  
<p>|                 |                | Confirm key programming on the DSS or MESSAGE button. |
| 234: Busy       | 234: OCCUPE    | Destination extension is busy. |
| 456: DND        | 456: NPD       | Destination extension is set to &quot;Do Not Disturb (DND)&quot;. |
| 345:MDM Access  | 345: ACCES MDM | Destination is modem for remote access. |
| 1234567890      | 1234567890     | Called by an outside line with the Caller ID*-number. |
| Panasonic       | PANASONIC      | Called by an outside line, with the Caller ID*-number. |
| 950-1001PP12345&amp; | 950-1001PP12345&amp; | Confirm key programming on the REDIAL, SAVE, or One-Touch Dialing button. |
| →123:Tony Viola | →123:TONY VIOLA | Make or receive an intercom call after the call is transferred; name is assigned. |
| →CO 02          | →LR 02         | Called by an outside line after a call is transferred. |
| →234: Busy      | →234: OCCUPE   | Destination extension is busy after the call is transferred. |
| 456: DND        | 456: NPD       | Destination extension is set to &quot;Do Not Disturb (DND)&quot; after the call is transferred. |</p>
<table>
<thead>
<tr>
<th>English Display</th>
<th>French Display</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Account</td>
<td>COMPTE</td>
<td>Confirm key programming on the Account button.</td>
</tr>
<tr>
<td>Alarm 10:15AM</td>
<td>AVERT. 10:15AM</td>
<td>Complete to set or called by &quot;Timed Reminder&quot; (one-time mode). Confirm &quot;Timed Reminder&quot; programming.</td>
</tr>
<tr>
<td>Alarm 10:15AM*</td>
<td>AVERT. 10:15AM*</td>
<td>Complete to set or called by &quot;Timed Reminder&quot; (everyday mode). Confirm &quot;Timed Reminder&quot; programming.</td>
</tr>
<tr>
<td>Alarm Cancelled</td>
<td>AVERT. ANNULE</td>
<td>Cancel &quot;Timed Reminder&quot;.</td>
</tr>
<tr>
<td>Alarm Not Stored</td>
<td>AVERT. NON REGLE</td>
<td>Confirm &quot;Timed Reminder&quot; programming when it is not stored.</td>
</tr>
<tr>
<td>All Call Page</td>
<td>RECH INT ET EXT</td>
<td>Access to &quot;Paging — All&quot;.</td>
</tr>
<tr>
<td>At Ext 123</td>
<td>At Ext 123</td>
<td>Absent Message 3.</td>
</tr>
<tr>
<td>Back at 11:00</td>
<td>Back at 11:00</td>
<td>Absent Message 4.</td>
</tr>
<tr>
<td>BGM On</td>
<td>MUSIQUE:OUI</td>
<td>Start BGM.</td>
</tr>
<tr>
<td>BGM Off</td>
<td>MUSIQUE:NON</td>
<td>Stop BGM.</td>
</tr>
<tr>
<td>Break Mode</td>
<td>MODE DEJEUNER</td>
<td>Complete to set &quot;Break Mode&quot;.</td>
</tr>
<tr>
<td>Busy</td>
<td>OCCUPE</td>
<td>Resource is busy.</td>
</tr>
<tr>
<td>Busy Ovrde Allow</td>
<td>ENT. TIERS:OUI</td>
<td>Cancel &quot;Executive Busy Override Deny&quot;.</td>
</tr>
<tr>
<td>Busy Ovrde Deny</td>
<td>ENT. TIERS:NON</td>
<td>Complete to set &quot;Executive Busy Override Deny&quot;.</td>
</tr>
<tr>
<td>C.Pickup Allow</td>
<td>PRSE APPL:OUI</td>
<td>Cancel &quot;Call Pickup Deny&quot;.</td>
</tr>
<tr>
<td>C.Pickup Deny</td>
<td>PRSE APPL:NON</td>
<td>Complete to set &quot;Call Pickup Deny&quot;.</td>
</tr>
<tr>
<td>C.Parked at 1</td>
<td>MISE EN ATT A 1</td>
<td>Complete to set &quot;Call Park&quot;.</td>
</tr>
<tr>
<td>Callback Ext1234</td>
<td>RAPPEL PSTE 1234</td>
<td>Complete to set &quot;Camp-On&quot;.</td>
</tr>
<tr>
<td>Callback CO01</td>
<td>RAPPEL LR01</td>
<td>Complete to set &quot;Camp-On&quot;.</td>
</tr>
<tr>
<td>Callback TRG 1</td>
<td>RAPPEL GR LR 1</td>
<td>Complete to set &quot;Camp-On&quot;.</td>
</tr>
<tr>
<td>Callback CO *</td>
<td>RAPPEL LR *</td>
<td>Complete to set &quot;Camp-On&quot; when there is no idle outside line.</td>
</tr>
<tr>
<td>Call Waiting Off</td>
<td>APPEL EN ATT:NON</td>
<td>Cancel &quot;Call Waiting&quot;.</td>
</tr>
<tr>
<td>Call Waiting 1</td>
<td>AVERT.-ATT:1</td>
<td>Complete to set &quot;Call Waiting 1&quot;.</td>
</tr>
<tr>
<td>Call Waiting 2</td>
<td>AVERT.-ATT:2</td>
<td>Complete to set &quot;Call Waiting 2&quot;.</td>
</tr>
<tr>
<td>Call Waiting 3</td>
<td>AVERT.-ATT:3</td>
<td>Complete to set &quot;Call Waiting 3&quot;.</td>
</tr>
<tr>
<td>English Display</td>
<td>French Display</td>
<td>Description</td>
</tr>
<tr>
<td>----------------</td>
<td>-------------------------</td>
<td>-----------------------------------------------------------------------------</td>
</tr>
<tr>
<td>CO 01</td>
<td>CO 01</td>
<td>Idle outside line is captured. Called by an outside line.</td>
</tr>
<tr>
<td>CO 01 0:01'15</td>
<td>LR 01 0:01'15</td>
<td>Duration time of incoming outside call.</td>
</tr>
<tr>
<td>CO 01 &amp; CO 02</td>
<td>LR 01 &amp; LR 02</td>
<td>Conference with two outside lines. Called by hold recall. &quot;Conference, Unattended&quot;</td>
</tr>
<tr>
<td>CO 03: Free</td>
<td>LR 3: LIBRE</td>
<td>Called by &quot;Camp-On&quot; (Outside line recall).</td>
</tr>
<tr>
<td>CO 02:AB COMPANY</td>
<td>LR 02:AB COMPANY</td>
<td>Received an outside call with a Caller ID; the outside line number and the outside line name are assigned.</td>
</tr>
<tr>
<td>Conference</td>
<td>CONFERENCE</td>
<td>Confirm key programming on the Conference button.</td>
</tr>
<tr>
<td>CO in Use</td>
<td>LR OCCUPEE</td>
<td>The selected outside line is busy.</td>
</tr>
<tr>
<td>CO Not Assigned</td>
<td>LR NON ASSIGNEE</td>
<td>The desired outside line is restricted (not assigned).</td>
</tr>
<tr>
<td>CONT RNGOFF BGM</td>
<td>CONT SONN-N MUS</td>
<td>Ringer Volume is off.</td>
</tr>
<tr>
<td>Contrast:***</td>
<td>CONTRAST:***</td>
<td>Display Contrast — Adjustment.</td>
</tr>
<tr>
<td>Data Mode Off</td>
<td>PROTECTION:NON</td>
<td>Cancel &quot;Data Line Security&quot;.</td>
</tr>
<tr>
<td>Data Mode On</td>
<td>PROTECTION:OUI</td>
<td>Complete to set &quot;Data Line Security&quot;.</td>
</tr>
<tr>
<td>Day Mode</td>
<td>SERVICE DE JOUR</td>
<td>Day mode status. (Cancel Night mode.) — &quot;Night Service&quot;</td>
</tr>
<tr>
<td>Do Not Disturb</td>
<td>NE PAS DERANGER</td>
<td>Confirm key programming on the FWD/DND button. Complete to set &quot;Do Not Disturb (DND)&quot;.</td>
</tr>
<tr>
<td>Door 1 Open</td>
<td>PORTE 1 OUVRIR</td>
<td>Complete to open the door.</td>
</tr>
<tr>
<td>Doorphone 1</td>
<td>PORTIER TEL. 1</td>
<td>Make or receive a doorphone call.</td>
</tr>
<tr>
<td>E123 &amp; CO 01</td>
<td>P123 &amp; LR 01</td>
<td>Conference with an extension and CO line.</td>
</tr>
<tr>
<td>E123 &amp; E234</td>
<td>P123 &amp; P234</td>
<td>Conference with two extensions.</td>
</tr>
<tr>
<td>Enter ACCNT Code</td>
<td>ENTRER NO COMPTE</td>
<td>Pressing Account Button. — &quot;Account Code Entry&quot;</td>
</tr>
<tr>
<td>Ext Data Clear</td>
<td>DONN. PST ANNUL.</td>
<td>Execute &quot;Station Feature Clear&quot;.</td>
</tr>
<tr>
<td>External BGM Off</td>
<td>MUS. EXT.:NON</td>
<td>Stop BGM through external pager. — &quot;Background Music (BGM) — External&quot;</td>
</tr>
<tr>
<td>External BGM On</td>
<td>MUS. EXT. : OUI</td>
<td>Start BGM through external pager. — &quot;Background Music (BGM) — External&quot;</td>
</tr>
<tr>
<td>English Display</td>
<td>French Display</td>
<td>Description</td>
</tr>
<tr>
<td>--------------------</td>
<td>------------------------</td>
<td>---------------------------------------------------------------------------------------------------------------------------------------------</td>
</tr>
<tr>
<td>Extnl Page All</td>
<td>RECH EXT. - TOUS</td>
<td>Access to &quot;Paging — External&quot; (- to all external pagers).</td>
</tr>
<tr>
<td>Extnl Page 1</td>
<td>RECH. EXT. 1</td>
<td>Access to &quot;Paging — External&quot; (- to a specific external pagers).</td>
</tr>
<tr>
<td>FWD(ALL) Ext123</td>
<td>RNV(TOUS) PST123</td>
<td>Complete to set &quot;Call Forwarding — All Calls&quot;.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Confirm key programming on the FWD/DND button.</td>
</tr>
<tr>
<td>FWD(B/NA) Ext100</td>
<td>RNV(O/SR) PST100</td>
<td>Complete to set &quot;Call Forwarding — Busy/No Answer&quot;.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Confirm key programming on the FWD/DND button.</td>
</tr>
<tr>
<td>FWD(BSY) Ext234</td>
<td>RNV(OCC) PST234</td>
<td>Complete to set &quot;Call Forwarding — Busy&quot;.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Confirm key programming on the FWD/DND button.</td>
</tr>
<tr>
<td>FWD(CO) 91201431</td>
<td>RNV(LR) 91201431</td>
<td>Complete to set &quot;Call Forwarding — to Outside Line&quot;.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Confirm key programming on the FWD/DND button.</td>
</tr>
<tr>
<td>FWD(From) Ext123</td>
<td>RNV(DE) PST123</td>
<td>Complete to set &quot;Call Forwarding — Follow Me&quot;.</td>
</tr>
<tr>
<td>FWD(NA) Ext345</td>
<td>RNV(SR) PST345</td>
<td>Complete to set &quot;Call Forwarding — No Answer&quot;.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Confirm key programming on the FWD/DND button.</td>
</tr>
<tr>
<td>FWD Cancel E123</td>
<td>ANNUL. RNV / P123</td>
<td>Cancel &quot;Call Forwarding — Follow Me (All Calls)&quot; at another extension.</td>
</tr>
<tr>
<td>FWD/DND Cancel</td>
<td>ANNULER RNV/NPD</td>
<td>Cancel &quot;Call Forwarding&quot; or &quot;Do Not Disturb (DND)&quot;.</td>
</tr>
<tr>
<td>Gone Home</td>
<td>Gone Home</td>
<td>Absent Message 2.</td>
</tr>
<tr>
<td>Group Page 01</td>
<td>RECHERCHE GR 01</td>
<td>Access to &quot;Paging — Group&quot; (- to a particular paging group).</td>
</tr>
<tr>
<td>Group Page All</td>
<td>RECH. GR - TOUS</td>
<td>Access to &quot;Paging — Group&quot; (- to all paging groups).</td>
</tr>
<tr>
<td>Handset: **</td>
<td>COMBINE : **</td>
<td>Volume Control — handset on handset mode.</td>
</tr>
<tr>
<td>Headset: **</td>
<td>CASQUE: **</td>
<td>Volume Control — headset on headset mode.</td>
</tr>
<tr>
<td>In a Meeting</td>
<td>In a Meeting</td>
<td>Absent Message 6.</td>
</tr>
<tr>
<td>English Display</td>
<td>French Display</td>
<td>Description</td>
</tr>
<tr>
<td>-------------------------</td>
<td>----------------------</td>
<td>-----------------------------------------------------------------------------</td>
</tr>
<tr>
<td>Log Locked :123</td>
<td>REG FERME : 123</td>
<td>Complete to set &quot;Call Log Lock, Incoming&quot;.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Complete to set &quot;Electronic Station Lockout&quot;.</td>
</tr>
<tr>
<td>Lunch Mode</td>
<td>MODE PAUSE-CAFE</td>
<td>Complete to set &quot;Lunch Mode&quot;.</td>
</tr>
<tr>
<td>Message Cancel</td>
<td>MESSAGE ANNULE</td>
<td>Cancel Absent Message.</td>
</tr>
<tr>
<td>MODEM Command 1</td>
<td>COMMANDE MODEM 1</td>
<td>Complete to send an AT Command to the external modem.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>— &quot;External Modem Control&quot;</td>
</tr>
<tr>
<td>MW at Ext 1234</td>
<td>MESS. PST 1234</td>
<td>Complete to set &quot;Message Waiting&quot;.</td>
</tr>
<tr>
<td>MW Not Accepted</td>
<td>MESS ATT. REFUSE</td>
<td>Not complete to set &quot;Message Waiting&quot;.</td>
</tr>
<tr>
<td>MW Cancelled</td>
<td>MESS ATT. ANNULE</td>
<td>Cancel one's own &quot;Message Waiting&quot;.</td>
</tr>
<tr>
<td>Night Mode</td>
<td>SERVICE DE NUIT</td>
<td>Night mode status. (Cancel Day mode.)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>— &quot;Night Service&quot;</td>
</tr>
<tr>
<td>No Held Call</td>
<td>AUCUN APPEL ATT.</td>
<td>There is no held call when retrieving call on hold or parked call.</td>
</tr>
<tr>
<td>No Incoming Call</td>
<td>AUCUN APPEL ENT.</td>
<td>There is no incoming call when trying to pick up the call.</td>
</tr>
<tr>
<td>Not Valid</td>
<td>NON VALIDE</td>
<td>Illegal operation.</td>
</tr>
<tr>
<td>OGM 1 Play:28</td>
<td>REP 1 LECT:28</td>
<td>When playing back the OGM.</td>
</tr>
<tr>
<td>OGM 1 Rec:12</td>
<td>REP 1 ENP:12</td>
<td>When recording back the OGM.</td>
</tr>
<tr>
<td>Out Until 12/12</td>
<td>Out Until 12/12</td>
<td>Absent Message 5.</td>
</tr>
<tr>
<td>Paging Deny Off</td>
<td>APPEN GEN. NON</td>
<td>Cancel &quot;Paging — DENY&quot;.</td>
</tr>
<tr>
<td>Paging Deny On</td>
<td>APPEN GEN. OUI</td>
<td>Complete to set &quot;Paging — DENY&quot;.</td>
</tr>
<tr>
<td>Parallel Off</td>
<td>PARALLELE : NON</td>
<td>Cancel &quot;Paralleled Telephone Connection&quot;.</td>
</tr>
<tr>
<td>Parallel On</td>
<td>PARALLELE : OUI</td>
<td>Complete to set &quot;Paralleled Telephone Connection&quot;.</td>
</tr>
<tr>
<td>Park at 0 N/A</td>
<td>ATT. A 0 N.VAL</td>
<td>Not complete to set &quot;Call Park&quot;.</td>
</tr>
<tr>
<td>PT-PGM Mode</td>
<td>TP-MODE PROG</td>
<td>Entered the Station Programming mode.</td>
</tr>
<tr>
<td>RCL:Tony Viola</td>
<td>RAPL:Tony Viola</td>
<td>Called by transfer recall, with name. — &quot;Call Transfer&quot;</td>
</tr>
<tr>
<td>RCL:Ext 1234</td>
<td>RAPL:PST 1234</td>
<td>Called by transfer recall, without name. — &quot;Call Transfer&quot;</td>
</tr>
<tr>
<td>Restricted</td>
<td>RESTREINT</td>
<td>An outgoing call is restricted.</td>
</tr>
</tbody>
</table>
### Examples — in Station Programming mode

<table>
<thead>
<tr>
<th>English Display</th>
<th>French Display</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Account</td>
<td>COMPTE</td>
<td>Account button is assigned.</td>
</tr>
<tr>
<td>C.W. Tone</td>
<td>TON.APPEL1</td>
<td>Select Call Waiting tone.</td>
</tr>
<tr>
<td>Clear Ready?</td>
<td>ANNULER DONNEES?</td>
<td>Available to clear Station Programming data.</td>
</tr>
<tr>
<td>CO-01</td>
<td>LR-01</td>
<td>Single-CO (S-CO) button is assigned.</td>
</tr>
<tr>
<td>Conference</td>
<td>CONFERENCE</td>
<td>Conference (CONF) button is assigned.</td>
</tr>
<tr>
<td>140:CO Lock</td>
<td>140:LR VERR.</td>
<td>Complete to lock the outside calls of other extension.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>&quot;Remote Station Lock Control&quot;</td>
</tr>
<tr>
<td>140:ICM Lock</td>
<td>140:INTCM VERR.</td>
<td>Complete to lock the intercom calls of other extension.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>&quot;Remote Station Lock Control&quot;</td>
</tr>
<tr>
<td>140:Unlock</td>
<td>140:DEVERR</td>
<td>Cancel &quot;Remote Station Lock Control&quot;</td>
</tr>
<tr>
<td>Ext-123</td>
<td>PST-123</td>
<td>DSS button is assigned.</td>
</tr>
<tr>
<td>FWD/DND</td>
<td>RNV/NPD</td>
<td>FWD/DND button is assigned.</td>
</tr>
<tr>
<td>Hands-free:Off</td>
<td>MAINS LIB.:NON</td>
<td>Disable &quot;Full One-Touch Dialing&quot; mode.</td>
</tr>
<tr>
<td>Hands-free:On</td>
<td>MAINS LIB.:OUI</td>
<td>Enable &quot;Full One-Touch Dialing&quot; mode.</td>
</tr>
<tr>
<td>Handset</td>
<td>COMBINE</td>
<td>Select Handset mode.</td>
</tr>
<tr>
<td>Headset</td>
<td>CASQUE</td>
<td>Select Headset mode.</td>
</tr>
<tr>
<td>Jack04 &lt;=&gt; EXT104</td>
<td>10101 &lt;=&gt; PST104</td>
<td>Confirm jack number and extension number.</td>
</tr>
<tr>
<td>Loop-CO</td>
<td>BOUCLE DE LR</td>
<td>Loop-CO (L-CO) button is assigned.</td>
</tr>
<tr>
<td>English Display</td>
<td>French Display</td>
<td>Description</td>
</tr>
<tr>
<td>----------------</td>
<td>----------------</td>
<td>-------------</td>
</tr>
<tr>
<td>Message Waiting</td>
<td>MESS. EN ATTENTE</td>
<td>Message Waiting (MESSAGE) button is assigned.</td>
</tr>
<tr>
<td>NIGNT</td>
<td>NUIT</td>
<td>Night button is assigned.</td>
</tr>
<tr>
<td>Not Stored</td>
<td>NON MEMORISE</td>
<td>No programming is assigned.</td>
</tr>
<tr>
<td>Pref.In :CO-02</td>
<td>ENT.PREF:LR-02</td>
<td>Select &quot;Prime Line (Outside Line) Preference — Incoming&quot;.</td>
</tr>
<tr>
<td>Pref.In :NO</td>
<td>ENT.PREF:NON</td>
<td>Select &quot;No Line Preference — Incoming&quot;.</td>
</tr>
<tr>
<td>Pref.In :Ring</td>
<td>ENT.PREF:SONN</td>
<td>Select &quot;Ring Line Preference — Incoming&quot;.</td>
</tr>
<tr>
<td>Pref.Out:CO-02</td>
<td>SOR.PREF:LR-02</td>
<td>Select &quot;Prime Line (Outside Line) Preference — Outgoing&quot;.</td>
</tr>
<tr>
<td>Pref.Out:Idle</td>
<td>SOR.PREF:LIB.</td>
<td>Select &quot;Idle Line Preference — Outgoing&quot;.</td>
</tr>
<tr>
<td>Pref.Out:No</td>
<td>SOR.PREF:NON</td>
<td>Select &quot;No Line Preference — Outgoing&quot;.</td>
</tr>
<tr>
<td>Save</td>
<td>SAUVEGARDE</td>
<td>SAVE button is assigned.</td>
</tr>
<tr>
<td>Tone Call</td>
<td>APPEL-TON.</td>
<td>Select Ring-Calling mode.</td>
</tr>
<tr>
<td>Tone Type-2</td>
<td>TON. TYPE-2</td>
<td>Select ringing tone for a CO button or intercom calls.</td>
</tr>
<tr>
<td>TRK GRP-3</td>
<td>GR LR-3</td>
<td>Group-CO (G-CO) button is assigned.</td>
</tr>
<tr>
<td>VTR-101</td>
<td>TMV-101</td>
<td>Voice Mail (VM) Transfer button is assigned.</td>
</tr>
<tr>
<td>Voice Call</td>
<td>APPEL VOCAL</td>
<td>Select Voice-Calling mode.</td>
</tr>
<tr>
<td>092-555-2111</td>
<td>092-555-2111</td>
<td>One-Touch Dialing button is assigned.</td>
</tr>
</tbody>
</table>

**Conditions**

- If the displayed characters exceed sixteen digits, "&" is shown at the right-hand edge.
- The duration time display is only shown when you make or receive an outside call. Count start time for outgoing calls can be programmed as desired.
- When you confirm key programming, be sure to press a button while on-hook. If the "Full One-Touch Dialing" feature is set, dialing mode will start when pressing PF (Programmable Feature), DSS (Direct Station Selection), SAVE or REDIAL button.
### 6.1.2 Feature Number List

Numbers listed below are the initial factory settings (default value). There are flexible feature numbers and fixed feature numbers. To change the flexible feature numbers, System Programming is required. For programming instructions, please consult with dealer. Some Additional Required Digits are different depending on the mode of the Digital Super Hybrid System your telephone is connected to.

#### Flexible Feature Numbers

<table>
<thead>
<tr>
<th>Feature</th>
<th>Default</th>
<th>Additional Digits</th>
</tr>
</thead>
<tbody>
<tr>
<td>1st hundred block extension</td>
<td>1</td>
<td>0-9, 00-99</td>
</tr>
<tr>
<td>2nd hundred block extension</td>
<td>2</td>
<td>0-9, 00-99</td>
</tr>
<tr>
<td>3rd through 16th hundred block extension</td>
<td></td>
<td>0-9, 00-99</td>
</tr>
<tr>
<td>Absent Message capability set/cancel</td>
<td>750</td>
<td>1-9 / 0</td>
</tr>
<tr>
<td>Account Code Entry</td>
<td>49</td>
<td>Account code + #(99)</td>
</tr>
<tr>
<td>Automatic Callback Busy (Camp-On) cancel</td>
<td>46</td>
<td></td>
</tr>
<tr>
<td>Background Music (BGM) — External on/off</td>
<td>35</td>
<td></td>
</tr>
<tr>
<td>Call Forwarding — set/cancel</td>
<td>710</td>
<td>2-6 / 0</td>
</tr>
<tr>
<td>Call Forwarding — Follow Me set/cancel</td>
<td>710</td>
<td>7/8</td>
</tr>
<tr>
<td>Call Hold</td>
<td>50</td>
<td></td>
</tr>
<tr>
<td>Call Hold, Retrieve outside call</td>
<td>53</td>
<td>01-08 (for KX-TD816)</td>
</tr>
<tr>
<td>Call Hold, Retrieve intercom call</td>
<td>51</td>
<td>01-08 (for KX-TD1232)</td>
</tr>
<tr>
<td>Call Log Lock Incoming lock</td>
<td>57</td>
<td>000-999 twice</td>
</tr>
<tr>
<td>Call Log Lock Incoming Unlock</td>
<td>57</td>
<td>000-999 (same lock code)</td>
</tr>
<tr>
<td>Call Park/Call Park Retrieve</td>
<td>52</td>
<td>0-9</td>
</tr>
<tr>
<td>Call Pickup, Directed</td>
<td>41</td>
<td>EXTN. (extension no.)</td>
</tr>
<tr>
<td>Call Pickup, Group</td>
<td>40</td>
<td></td>
</tr>
<tr>
<td>Call Pickup, Outside Line</td>
<td>4*</td>
<td></td>
</tr>
<tr>
<td>Call Pickup Deny set/cancel</td>
<td>720</td>
<td>1/0</td>
</tr>
<tr>
<td>Call Waiting set/cancel</td>
<td>731</td>
<td>1/0</td>
</tr>
<tr>
<td>Data Line Security set/cancel</td>
<td>730</td>
<td>1/0</td>
</tr>
<tr>
<td>Do Not Disturb (DND) set/cancel</td>
<td>710</td>
<td>1/0</td>
</tr>
<tr>
<td>Doorphone Call calling / door open</td>
<td>31 / 55</td>
<td>1-2 (for KX-TD816); 1-4 (for KX-TD1232)</td>
</tr>
<tr>
<td>Feature</td>
<td>Default</td>
<td>Additional Digits</td>
</tr>
<tr>
<td>----------------------------------------------------</td>
<td>---------</td>
<td>-------------------------</td>
</tr>
<tr>
<td>Electronic Station Lockout set</td>
<td>77</td>
<td>000-999 twice</td>
</tr>
<tr>
<td>Electronic Station Lockout cancel</td>
<td>77</td>
<td>000-999</td>
</tr>
<tr>
<td>Executive Busy Override Deny set/cancel</td>
<td>733</td>
<td>1 / 0</td>
</tr>
<tr>
<td>External Feature Access</td>
<td>6</td>
<td></td>
</tr>
<tr>
<td>External Modem Control</td>
<td>791</td>
<td>1-5</td>
</tr>
<tr>
<td>Hotel Application — Room Status</td>
<td>736</td>
<td></td>
</tr>
<tr>
<td>Live Call Screening (LCS) Password set</td>
<td>799</td>
<td>000-999 twice</td>
</tr>
<tr>
<td>Live Call Screening (LCS) Password cancel</td>
<td>799</td>
<td>000-999</td>
</tr>
<tr>
<td>Log-In/Log-Out</td>
<td>45</td>
<td>1 / 0</td>
</tr>
<tr>
<td>Message Waiting set/cancel</td>
<td>70</td>
<td>1+extension no. / 0+extension no.</td>
</tr>
<tr>
<td>Message Waiting call back</td>
<td>70</td>
<td>2</td>
</tr>
<tr>
<td>Night Service (Day / Night / Lunch / Break)</td>
<td>78</td>
<td>0-3</td>
</tr>
<tr>
<td>Off-Hook Call Announcement (OHCA) set/cancel</td>
<td>731</td>
<td>2 / 0</td>
</tr>
<tr>
<td>Operator Call</td>
<td>0</td>
<td></td>
</tr>
<tr>
<td>Outgoing Message (OGM) recording/playback*</td>
<td>36</td>
<td>1+OGM No. (1-4) / 2+OGM No. (1-4)</td>
</tr>
<tr>
<td>Outward Dialing — Line Access, Automatic/ARS</td>
<td>9</td>
<td></td>
</tr>
<tr>
<td>Outward Dialing — Outside Line Group</td>
<td>8</td>
<td>1-8</td>
</tr>
<tr>
<td>Paging — All</td>
<td>32 / 33</td>
<td>×</td>
</tr>
<tr>
<td>Paging — Deny set / cancel</td>
<td>721</td>
<td>1 / 0</td>
</tr>
<tr>
<td>Paging — External all</td>
<td>32</td>
<td>0</td>
</tr>
<tr>
<td>Paging — External particular</td>
<td>32</td>
<td>1-2 (for KX-TD816); 1-4 (for KX-TD1232)</td>
</tr>
<tr>
<td>Paging — External Answer/TAFAS Answer</td>
<td>42</td>
<td>1-2 (for KX-TD816); 1-4 (for KX-TD1232)</td>
</tr>
<tr>
<td>Paging — Group all / particular</td>
<td>33</td>
<td>0 / 1-8</td>
</tr>
<tr>
<td>Paging — Group Answer</td>
<td>43</td>
<td></td>
</tr>
<tr>
<td>Paralleled Telephone Connection set/cancel</td>
<td>39</td>
<td>1 / 0</td>
</tr>
<tr>
<td>Pickup Dialing (Hot Line) assign/set/cancel</td>
<td>74</td>
<td>2+phone no. +# / 1 / 0</td>
</tr>
<tr>
<td>Redial, Last Number (for SLT)</td>
<td>#</td>
<td></td>
</tr>
<tr>
<td>Station Feature clear</td>
<td>790</td>
<td></td>
</tr>
<tr>
<td>Station Speed Dialing</td>
<td>3×</td>
<td>0-9</td>
</tr>
</tbody>
</table>
### Flexible Feature Numbers

<table>
<thead>
<tr>
<th>Feature</th>
<th>Default</th>
<th>Additional Digits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Station Speed Dialing programming</td>
<td>30</td>
<td>(0-9)+phone no. +#</td>
</tr>
<tr>
<td>System Speed Dialing (for SLT)</td>
<td>×</td>
<td>000-499</td>
</tr>
<tr>
<td>System Working Report print out / clear</td>
<td>794</td>
<td>1 / 0</td>
</tr>
<tr>
<td>Timed Reminder set</td>
<td>76</td>
<td>1+hhmm*+(0 / 1)+(0 / 1)</td>
</tr>
<tr>
<td>Timed Reminder cancel/confirm</td>
<td>76</td>
<td>0 / 2</td>
</tr>
<tr>
<td>Timed Reminder, Remote set</td>
<td>7×</td>
<td>1+extension no. +hhmm*+(0 / 1)+(0 / 1)</td>
</tr>
<tr>
<td>Timed Reminder, Remote cancel/confirm</td>
<td>7×</td>
<td>0+extension no. / 2+extension no.</td>
</tr>
<tr>
<td>Walking COS set</td>
<td>47</td>
<td>Walking COS password+your extension no.</td>
</tr>
<tr>
<td>Whisper OHCA set/cancel</td>
<td>731</td>
<td>3 / 0</td>
</tr>
</tbody>
</table>

* Available for the KX-TD1232 only

* hhmm hh: hour(01-12) mm: minute(00-59)

### Fixed Feature Numbers

<table>
<thead>
<tr>
<th>Feature</th>
<th>Default</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>While a busy tone is heard:</strong></td>
<td></td>
</tr>
<tr>
<td>Automatic Callback Busy (Camp-On)</td>
<td>6</td>
</tr>
<tr>
<td>Busy Station Signaling (BSS)</td>
<td>1</td>
</tr>
<tr>
<td>Executive Busy Override</td>
<td>2</td>
</tr>
<tr>
<td>Off-Hook Call Announcement (OHCA)</td>
<td>1</td>
</tr>
<tr>
<td>OHCA, Whisper</td>
<td>1</td>
</tr>
<tr>
<td><strong>While Do Not Disturb tone is heard:</strong></td>
<td></td>
</tr>
<tr>
<td>Do Not Disturb (DND) Override</td>
<td>1</td>
</tr>
<tr>
<td><strong>During calling or talking:</strong></td>
<td></td>
</tr>
<tr>
<td>Account Code Delimiter</td>
<td>#/99</td>
</tr>
<tr>
<td>Alternate Calling — Ring/Voice</td>
<td>×</td>
</tr>
<tr>
<td>Conference</td>
<td>3</td>
</tr>
<tr>
<td>Door open</td>
<td>5</td>
</tr>
<tr>
<td>Pulse to Tone Conversion</td>
<td>×#</td>
</tr>
<tr>
<td><strong>When the telephone is on-hook:</strong></td>
<td></td>
</tr>
<tr>
<td>Background Music (BGM) on/off</td>
<td>1</td>
</tr>
<tr>
<td>Day/Night mode display</td>
<td>#</td>
</tr>
<tr>
<td>Date and Time display/Self-Extension Number and name display switching</td>
<td>×</td>
</tr>
</tbody>
</table>

APPENDIX 367
Conditions
• Extension numbers can be three or four digits in length. Any number can be set as the leading first or second digit.
• Flexible feature numbers can only be dialed while a dial tone is heard.
• When "*" or "#" are included in a feature number, it will not be possible for users with dial pulse (DP) telephones to access the feature.

Programming Guide References
[003] Extension Number Set
[100] Flexible Numbering

User Manual References
3.2.4 [003] Extension Number Set
6.1.3 Tone List

<TONE>

Confirmation Tone 1
Confirmation Tone 2
Confirmation Tone 3
Confirmation Tone 4
Dial Tone 1
Dial Tone 2
Dial Tone 3
Dial Tone 4
Busy Tone
Reorder Tone
Ringback Tone 1
Ringback Tone 2
Do Not Disturb (DND)
Tone
Outside-to-Outside Line
Call Limit Warning Tone
<TONE>

Call Waiting Tone 1

Call Waiting Tone 2 (outside line)

Call Waiting Tone 2 (intercom)

Hold Recall

<RING TONE>

Outside Calls / Outside Call Hold Recall

Intercom Calls / Intercom Hold Recall

Doorphone Calls / Timed Reminder

Callback Ringing (Camp-on Recall)
6.1.4 Troubleshooting

If a power failure should occur...
Your System enables conversations between specific outside lines and extensions (Power Failure Transfer), and supports system data backup.

Power Failure Transfer
Specific extensions are automatically connected straight to specific outside lines. This provides outside line conversations between the pre-assigned extensions and outside lines:

<KX-TD816>
Outside line 01 is connected to extension jack number 01.
Outside line 02 is connected to extension jack number 02.
Outside line 05 is connected to extension jack number 09.
Outside line 06 is connected to extension jack number 10.

<KX-TD1232>
Outside line 01 is connected to extension jack number 01.
Outside line 02 is connected to extension jack number 02.
Outside line 03 is connected to extension jack number 09.
Outside line 04 is connected to extension jack number 10.
Outside line 09 is connected to extension jack number 17.
Outside line 10 is connected to extension jack number 18.
- All other conversations are disconnected during a power failure.
- Digital proprietary telephones (DPTs) cannot be used during a power failure. SLTs can work in the event of a power failure.
- When power is restored after a power failure, your system automatically restarts operation, maintaining as much of the previous system data as possible.

<table>
<thead>
<tr>
<th>Problem</th>
<th>Probable Cause</th>
<th>Possible Solution</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nothing is heard in the hands-free mode.</td>
<td>The &quot;Headset&quot; mode is selected.</td>
<td>When the headset is not used, set the mode to &quot;Handset.&quot; Refer to &quot;Handset/Headset Selection&quot; in Station Programming (Section 2), or &quot;Initial Setting&quot; (Section 1).</td>
</tr>
<tr>
<td>The unit does not ring.</td>
<td>• The outside number is not programmed. &lt;br&gt;• The Ringer Volume is set to &quot;OFF.&quot;</td>
<td>• For programming outside numbers, refer to the Installation Manual. &lt;br&gt;• Increase the Ringer Volume. Refer to &quot;Initial Setting&quot; (Section 1).</td>
</tr>
<tr>
<td>Problem</td>
<td>Probable Cause</td>
<td>Possible Solution</td>
</tr>
<tr>
<td>------------------------------------------------------------------------</td>
<td>------------------------------------------------</td>
<td>-------------------------------------------------</td>
</tr>
<tr>
<td>The display flashes the following message:</td>
<td>The system internal clock does not work properly.</td>
<td>Consult with an authorized Panasonic Factory Service Center.</td>
</tr>
<tr>
<td><strong>Set Time &amp; Date</strong></td>
<td></td>
<td></td>
</tr>
<tr>
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