Thank you for purchasing the Panasonic Telephone.

Features

- **Designed Exclusively** for Panasonic Electronic Modular Switching Systems except KX-T616 and KX-T616D.

- **LCD Readout** shows date, time, call duration, internal caller's name, absence message. Also indicates word prompts to simplify system programming.

- **12 Flexible CO Line Buttons** for CO line access and status. These buttons can also be programmed for DSS/BLF, one button trunk group access, one-touch auto dialing, and one-touch system feature access.

- **Message Waiting Lamp** allows the user to leave a message at any proprietary phone from any phone (within the KX-T123211D system).

- **Auto-Answer Speakerphone** lets you set the intercom for automatic "hands free" answering. Also allows on-hook dialing.

- **12 Programmable Feature Button** for one-touch access to system features such as automatic callback and paging. Can also be used to store numbers for automatic dialing.

- **Automatic Redial** will keep dialing the last dialed telephone number (up to 15 times in 10 minutes) until it is answered (within the KX-T123211D system).

- **Off Hook Call Announce (OHCA)** allows voice announcement of a second call to a party already in conversation with a first call (within the KX-T123211D system).

---

**Accessories**

<table>
<thead>
<tr>
<th>Item</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Extension line cord</td>
<td>One</td>
</tr>
<tr>
<td>Handset</td>
<td>One</td>
</tr>
<tr>
<td>Handset cord</td>
<td>One</td>
</tr>
</tbody>
</table>

- For connection of the KX-T123230D, use the 6-conductor wiring.

- Headset KX-T30890 and DSS console (KX-T123240 or KX-T61640) are provided as option. See "System Component" described on the reverse of the front cover in INSTALLATION MANUAL.

- If you use a DSS console KX-T123240 or KX-T61640, you can access another extension by one touch of a DSS button instead of pressing an extension number, and system features of KX-T123211D by one touch of PROGRAMMABLE FEATURE button on a DSS console. For further details, see OPERATING INSTRUCTIONS of KX-T123240 or KX-T61640.

---

For further details, see the INSTALLATION MANUAL.
## MAKING CALLS

- Lift the handset or press the SP-PHONE button first.
- After finishing your conversation, hang up the handset or press the SP-PHONE button.

<table>
<thead>
<tr>
<th>INTER OFFICE CALLING</th>
<th>Dial extension no. (100 through 199)</th>
</tr>
</thead>
<tbody>
<tr>
<td>(Intercom)</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>OUTWARD DIALING</th>
<th>Dial phone number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Individual Line Access</td>
<td></td>
</tr>
<tr>
<td>Automatic Line Access</td>
<td></td>
</tr>
<tr>
<td>Individual Trunk</td>
<td></td>
</tr>
<tr>
<td>Group Access</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>SPEED DIALING</th>
<th>Dial speed access code (00 through 99)</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>ONE TOUCH DIALING</th>
<th>(Press the PROGRAMMABLE FEATURE button.)</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>CALLING DOORPHONE</th>
<th>For doophone 1</th>
<th>For doophone 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>DEF 3 1 1</td>
<td>DEF 3 1 ABC 2</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>OPERATOR CALL</th>
<th>Operator 1</th>
<th>Operator 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>OPER 0</td>
<td>OPER 0</td>
<td></td>
</tr>
</tbody>
</table>

- In case one operator is programmed, you have only to dial 0.

## WHEN A LINE IS BUSY

<table>
<thead>
<tr>
<th>AUTOMATIC CALL</th>
<th>CD</th>
<th>Hear a busy tone</th>
<th>MNC 6</th>
<th>Hang up handset or press &quot;SP-PHONE&quot;</th>
</tr>
</thead>
<tbody>
<tr>
<td>BACK BUSY (Camp-on)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>For Outside Calls</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>For Intercom Calls</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

| Dial extension no.     | Hear a busy tone | MNC 6 | Hang up handset or press "SP-PHONE" |
| (100 through 199)      |                  |       |                                    |
### WHEN A LINE IS BUSY (CONT.)

<table>
<thead>
<tr>
<th>BUSY STATION SIGNALING</th>
<th>Dial extension no. (100 through 199)</th>
<th>Hear a busy tone</th>
<th>1</th>
</tr>
</thead>
<tbody>
<tr>
<td>(Off Hook Call Announcement)</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>LAST NUMBER REDIAL (Automatic Redialing)</th>
<th>Lift handset or press “SP-PHONE”</th>
<th></th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Executive Override</th>
<th>Dial extension no. (100 through 199)</th>
<th>Hear a busy tone</th>
<th>2</th>
</tr>
</thead>
<tbody>
<tr>
<td>- into Extension</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>- into CO</td>
<td>(CO which you want to intrude into CO line)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### RECEIVING CALLS

<table>
<thead>
<tr>
<th>ANSWER</th>
<th>Lift handset or SP-PHONE</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td><code>You may press the CO or ICM button.</code></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>AUTOMATIC ANSWER-INTERCOM</th>
<th>To set</th>
<th>To cancel</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>auto &gt;</td>
<td>AUTO &gt;</td>
</tr>
<tr>
<td></td>
<td>answer</td>
<td>answer</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>DIAL CALL PICKUP</th>
<th>Lift handset or press “SP-PHONE”</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

|                  |                                  |   |
|                  |                                  |   |

|                  |                                  |   |
|                  |                                  |   |

|                  |                                  |   |
|                  |                                  |   |

### WHILE HAVING A CONVERSATION

<table>
<thead>
<tr>
<th>HOLD-CO</th>
<th>To leave a call on hold</th>
</tr>
</thead>
<tbody>
<tr>
<td>Call on Hold</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>To retrieve at the holding extension</th>
<th>To retrieve from another extension</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Call on Exclusive Hold</th>
<th>To leave a call on hold</th>
<th>To retrieve</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

|                                           |                                      |                                 |
|                                           |                                      |                                 |

|                                           |                                      |                                 |
|                                           |                                      |                                 |

|                                           |                                      |                                 |
|                                           |                                      |                                 |

|                                           |                                      |                                 |
|                                           |                                      |                                 |

|                                           |                                      |                                 |
|                                           |                                      |                                 |

|                                           |                                      |                                 |
|                                           |                                      |                                 |
### WHILE HAVING A CONVERSATION (CONT.)

<table>
<thead>
<tr>
<th>HOLD-INTERCOM</th>
<th>To place call on hold</th>
</tr>
</thead>
<tbody>
<tr>
<td>Call on Hold</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>To retrieve at the holding extension</th>
</tr>
</thead>
<tbody>
<tr>
<td>ICM</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>To retrieve from another extension</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lift handset</td>
</tr>
<tr>
<td>[X] 5</td>
</tr>
<tr>
<td>Dial holding extension no.</td>
</tr>
<tr>
<td>(100 through 199)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Call on Exclusive Hold</th>
</tr>
</thead>
<tbody>
<tr>
<td>To place call on hold</td>
</tr>
<tr>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>To retrieve</th>
</tr>
</thead>
<tbody>
<tr>
<td>ICM</td>
</tr>
</tbody>
</table>

### CONFERENCE

<table>
<thead>
<tr>
<th></th>
<th>Dial 2nd party</th>
<th>Consult with 2nd party</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

|               |               |                        |
| CONF          |                |                        |

### CALL WAITING

To Terminate the Original Call and Talk to the New Caller

|               |               |                        |
|               |                |                        |

|               |               |                        |
|               |                |                        |

<table>
<thead>
<tr>
<th>Hear a call waiting tone</th>
</tr>
</thead>
<tbody>
<tr>
<td>CO or ICM</td>
</tr>
<tr>
<td>Talk</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Hear a call waiting tone</th>
</tr>
</thead>
<tbody>
<tr>
<td>HOLD or CO or ICM</td>
</tr>
<tr>
<td>Consult with new caller while original call is on hold</td>
</tr>
</tbody>
</table>

- If both original and new calls are intercom calls, you need not to press the ICM button.

### CALL TRANSFER-TO EXTENSION

To Transfer after the Other Extension Answers

<table>
<thead>
<tr>
<th>Transfer</th>
<th>Dial extension no. (100 through 199)</th>
<th>Announce and wait for answer</th>
<th>Hang up</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

To Transfer without Announcing to the Other Extension

| Transfer               | Dial extension no. (100 through 199) | Hang up                      |
|------------------------|--------------------------------------|------------------------------|---------|
|                        |                                      |                              |         |

### CALL TRANSFER-TO OUTSIDE LINE

To Transfer after the Other Outside Party Answers

<table>
<thead>
<tr>
<th>Transfer</th>
<th>Dial phone number</th>
<th>Announce and wait for answer</th>
<th>Hang up</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

To Transfer without Announcing to the Other Outside Party

| Transfer               | Dial phone number | Hang up                      |
|------------------------|-------------------|------------------------------|---------|
|                        |                   |                              |         |
# Paging

- Lift the handset or press the SP-PHONE button first.

## PAGING ALL EXTENSIONS AND EXTERNAL

<table>
<thead>
<tr>
<th>DEF 3</th>
<th>DEF 3</th>
<th>*</th>
<th>Hear 1 beep</th>
<th>page</th>
<th>Wait for answer and talk</th>
</tr>
</thead>
</table>

To Access

- You may dial 32 * instead of 33 *

## PAGING ALL EXTENSIONS

<table>
<thead>
<tr>
<th>DEF 3</th>
<th>DEF 3</th>
<th>0</th>
<th>Hear 1 beep</th>
<th>Page</th>
<th>Wait for answer and talk</th>
</tr>
</thead>
</table>

To Access

## PAGING GROUP

<table>
<thead>
<tr>
<th>DEF 3</th>
<th>DEF 3</th>
<th>0</th>
<th>Dial extension group (1 through 8)</th>
<th>Hear 1 beep</th>
<th>Page</th>
<th>Wait for answer and talk</th>
</tr>
</thead>
</table>

## PAGING-EXTERNAL

To Access to External Paging Equipment

<table>
<thead>
<tr>
<th>DEF 3</th>
<th>ABC 2</th>
<th>Dial the external paging number</th>
<th>Hear 1 beep</th>
<th>Page</th>
<th>Wait for answer and talk</th>
</tr>
</thead>
</table>

Paging number “0”: for external paging equipments 1 and 2
Paging number “1”: for external paging equipment 1
Paging number “2”: for external paging equipment 2

## PAGING AND TRANSFER

To Transfer Call to Paged Person

<table>
<thead>
<tr>
<th>TRANSFER</th>
<th>DEF 3</th>
<th>DEF 3</th>
<th>0</th>
<th>Hear 1 beep</th>
<th>Page</th>
<th>Wait for answer and hang up</th>
</tr>
</thead>
</table>

During a conversation;

## ANSWER

To Paging from Built-in Speaker

<table>
<thead>
<tr>
<th>GH 4</th>
<th>DEF 3</th>
<th>Hear 1 beep</th>
<th>Talk</th>
</tr>
</thead>
</table>

To Paging from External Equipment

<table>
<thead>
<tr>
<th>GH 4</th>
<th>ABC 2</th>
<th>Dial the external paging number</th>
<th>Hear 1 beep</th>
<th>Talk</th>
</tr>
</thead>
</table>

Paging number “1”: for external paging equipment 1
Paging number “2”: for external paging equipment 2
## Panasonic
### KX-T123230D

#### Quick Reference Card

<table>
<thead>
<tr>
<th>OTHER FEATURES</th>
<th>Setting</th>
<th>To Cancel</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>CALL FORWARDING- ALL CALLS</strong></td>
<td>FWD/DND</td>
<td>![Image]</td>
</tr>
<tr>
<td><strong>BUSY OR NO ANSWER</strong></td>
<td>FWD/DND</td>
<td>![Image]</td>
</tr>
<tr>
<td><strong>CALL FORWARDING- TO OUTSIDE LINE</strong></td>
<td>FWD/DND</td>
<td>![Image]</td>
</tr>
<tr>
<td><strong>DIAL CALL PICKUP DENY</strong></td>
<td>FWD/DND</td>
<td>![Image]</td>
</tr>
<tr>
<td><strong>DO NOT DISTURB</strong></td>
<td>FWD/DND</td>
<td>![Image]</td>
</tr>
<tr>
<td><strong>FLEXIBLE NIGHT SERVICE</strong>&lt;br&gt;(Extension of jack number 01 only)</td>
<td>FWD/DND</td>
<td>![Image]</td>
</tr>
<tr>
<td><strong>BACKGROUND MUSIC</strong></td>
<td>FWD/DND</td>
<td>![Image]</td>
</tr>
<tr>
<td><strong>STATION FEATURE CLEAR</strong></td>
<td>FWD/DND</td>
<td>![Image]</td>
</tr>
</tbody>
</table>

- Lift the handset or press the SP-PHONE button first.
- After hearing confirmation tone (1 or 2 beep), hang up the handset or press the SP-PHONE button.

- You may dial 81 through 88 instead of 9.

- Following features can be reset to the default data. Dial Call Pickup Deny, Do not Disturb, Call Forwarding, Call Waiting Tone-From CO/Extension Deny, Data Line Security, Absent Message Capability, Background Music, Executive Override Deny, Message Waiting, Timed Reminder.
### OTHER FEATURES (CONT.)

<table>
<thead>
<tr>
<th>SAVED NUMBER REDIAL (Automatic Redialing)</th>
<th>When the called line is busy or while you are speaking on the CO line:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Programming</td>
<td>AUTO</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>ABBESENT MESSAGE CAPABILITY</th>
<th>Setting</th>
</tr>
</thead>
<tbody>
<tr>
<td>Absent Message will be informed to the Proprietary Telephone with LCD of Calling Party, when Dialing.</td>
<td>Message 1. “Will Return Soon”</td>
</tr>
<tr>
<td></td>
<td>Message 2. “Gone Home”</td>
</tr>
<tr>
<td></td>
<td>Message 3. “At Ext. extension no.”</td>
</tr>
<tr>
<td></td>
<td>Message 4. “Back at 10:23 AM”</td>
</tr>
<tr>
<td></td>
<td>Message 5. “Out Until 10/23”</td>
</tr>
<tr>
<td></td>
<td>Message 6. “In a Meeting”</td>
</tr>
</tbody>
</table>

### MESSAGE WAITING

<table>
<thead>
<tr>
<th>To Leave the Message</th>
<th>Dial extension no. (100 through 199)</th>
<th>MESSAGE</th>
<th>Hear 1 beep</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>To Call the extension which sent the message from the Extension which the Message is left</th>
<th>MESSAGE</th>
<th>Talk</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>To Cancel the Message which is left in the Extension</th>
<th>At the extension</th>
<th>Dial extension no. (100 through 199)</th>
<th>From the extension which sent the message.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>MESSAGE</td>
<td>MESSAGE</td>
<td></td>
</tr>
</tbody>
</table>
## STATION PROGRAMMING

1. Be sure the handset is in the cradle and the SP-PHONE button is OFF.
2. Set the MEMORY switch of the KX-T123230D to "PROGRAM" position first.
3. After programming, return the MEMORY switch to "SET" position.

### AUTO CO HUNTING
#### Prime Line Preference
- Setting:
  - 1 DEF
  - 3 Dial CO number. (01 through 12)
- To cancel:
  - 1 1

#### Idle Line Preference
- Setting:
  - 1 ABC
  - 2 AUTO
- To cancel:
  - 1 1

### AUTOMATIC ANSWERING SELECTION
#### Prime Line Preference
- Setting:
  - ABC
  - 2 DEF
  - 3 Dial CO number. (01 through 12)
- To cancel:
  - ABC
  - 2 ABC

### NO Line Preference
- Setting:
  - ABC
  - 2 1
- To cancel:
  - ABC
  - 2 ABC

### FLEXIBLE CO BUTTON
#### To Change into Other CO Button
- Setting:
  - DD
  - 0 OPER
  - 0 Dial CO number which you want to set newly. (01 through 12)
- To cancel:
  - DD

#### To Assign to Trunk Group Access Button
- Setting:
  - DD
  - # Dial trunk group number. (1 through 8)
- To cancel:
  - DD

#### To Change into DSS Button
- Setting:
  - DD
  - 1 Dial extension number. (100 through 199)
- To cancel:
  - DD

#### To Change into One Touch Dialing Button
- Setting:
  - DD
  - ABC
  - WXY Dial phone number.
- To cancel:
  - DD

#### To Change into Other All CO Button
- Setting:
  - DD
  - * AUTO
- To cancel:
  - DD

- You may dial 81 through 88 instead of 9.
<table>
<thead>
<tr>
<th>STATION PROGRAMMING (CONT.)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>CO LINE RINGING SELECTION</strong></td>
</tr>
<tr>
<td>DEF</td>
</tr>
<tr>
<td>MEMORY</td>
</tr>
<tr>
<td><strong>INTERCOM VOICE ALERTING MODE</strong></td>
</tr>
<tr>
<td>Setting (Voice Alerting)</td>
</tr>
<tr>
<td>To cancel (Tone Alerting)</td>
</tr>
<tr>
<td><strong>DATE AND TIME SETTING</strong></td>
</tr>
<tr>
<td>(Extension of jack number 01 only)</td>
</tr>
<tr>
<td>OPER</td>
</tr>
<tr>
<td>Dial day of the week</td>
</tr>
<tr>
<td>&quot;0&quot;: for SUN</td>
</tr>
<tr>
<td>&quot;1&quot;: for MON</td>
</tr>
<tr>
<td>&quot;2&quot;: for TUE</td>
</tr>
<tr>
<td>&quot;3&quot;: for WED</td>
</tr>
<tr>
<td>Enter hour (01 through 12)</td>
</tr>
</tbody>
</table>
| Enter minute (00 through 59) | Dial "0" or "1"
| "0": for AM |
| "1": for PM |
| AUTO | MEMORY |
| **STATION NUMBER CHECK** |
| MNO |
| The LCD will show your extension number and jack number. |
| **CALL WAITING TONE SELECTION** |
| To select |
| JKL | Dial 1 (for Tone 1) |
| 5 | or 2 (for Tone 2) | AUTO |
| MEMORY |
| **STATION PROGRAM CLEAR** |
| # | * | AUTO |
| MEMORY |
| - Following programs can be reset to the default data. Auto CO Hunting, Automatic Answering Selection, Intercom Voice Alerting Mode, CO Line Ringing Selection, Call Waiting Tone Selection. |
| **CANCELLATION OF ELECTRONIC STATION LOCK** |
| (Extension of jack number 01 only) |
| TUV | AUTO |
| 8 | MEMORY |
Preparation

① Connect as shown.

Extension Line Cord (Use the 6- conductor wiring.)

For other connection, see page 57.
Even if a power failure takes place, the unit can be used as a standard telephone if the unit is connected to the extension of jack number 01, 02, 09, 10, 17 or 18 of the KX-T123211D.
For further details, see page 58.

② RINGER VOLUME Selector:
Set to “HIGH”.
LOW: The ringing sound will be low.
OFF: The telephone will not ring.

③ CONTRAST Selector:
Set to “L”, “M”, or “H” to choose the best display intensity.

④ DIALING MODE Selector during Power Failure:
TONE: For tone dialing
PULSE: For pulse dialing

⑤ POWER FAILURE Switch:
Set to “OFF”.
For further details, See page 58.

⑥ MEMORY Switch:
Set to “SET”.

⑦ HANDSET/HEADSET Selector:
Set to “HANDSET”.
If you use the optional headset KX-T30890, set to “HEADSET”.

If the unit does not operate properly, disconnect the unit from the extension line cord and then connect again.
Location of Controls

For your convenience, keep this page open when you read the following instructions.

CALL FORWARDING/DO NOT DISTURB (FWD/DND) Button and Indicator

CONFERENCE Button and Indicator

NUMBER Card (Write your telephone number.)

SAVED NUMBER REDIAL (SAVE) Button

LAST NUMBER REDIAL (REDIAL) Button

FLASH Button

HOLD Button

MEMORY Card
Write Speed Dialing numbers. Quick reference cards can be found under the Memory cards.

PAUSE Button

TRANSFER/CLEAR Button

PROGRAMMABLE FEATURE Buttons and Card

LIQUID CRYSTAL Display (LCD)

TELEPHONE NUMBER Card and Card Cover
After writing numbers on the card, place the Card Cover from the side of the ICM button again. Twist the cover a little and place the two hooks which exist in the middle of the cover. You can also use the reverse side to write the desired CO line numbers.

Message Button and Indicator

CENTRAL OFFICE (CO) LINE Buttons and Indicators

SPEAKER VOLUME CONTROL

AUTO/MEMORY Button and Indicator

AUTO ANSWER/MUTE Button and Indicator

INTERCOM (ICM) Button and Indicator

SPEAKERPHONE (SP-PHONE) Button and Indicator.
Making Calls

When the unit is not in use, the Liquid Crystal Display will show the month, day and the present time. The unit will also show the corresponding mode activated. See pages 52 and 53.

Outward Dialing

- **Individual Line Access**
  Any of the 12 CO's may be directly selected.

  **Using the Handset**
  - Lift handset
  - Press CO
  - Wait for C.O. dial tone
  - Dial phone number
  - When you finish, hang up the handset.

  **Hands-free Operation**
  - Press CO
  - Wait for C.O. dial tone
  - Dial phone number
  - Press SP-PHONE when conversation is completed
  - You may dial 9 instead of CO button. In this case, you must lift the handset or press the SP-PHONE button first.
  - Each extension can automatically select an idle line within the same CO line enable to call.
  - You can not use the CO button whose indicator has been already lighting (red color) since anyone is using the CO line.
  - The CO indicator will be lit (green color) at your extension and lit (red color) at other extensions.
  - To access new CO line without hanging up while having a conversation:
    - The original conversation will be terminated and new CO line can be accessed.

- **Individual Trunk Group Access**
  Each extension can automatically select an idle CO line within the same trunk group. Through programming, 12 CO lines can be divided up to 8 groups.

  - Lift handset or press SP-PHONE
  - Dial “8”
  - Dial trunk group number (1 through 8)
  - When you finish, press SP-PHONE again.
  - You may press CO button instead of dialing 8 and the trunk group number (1 through 8). In this case, you must assign the trunk group access number to the CO button. To assign, see “Flexible CO button” on page 43.
  - The CO lines that is assigned to the trunk group are set below. Through programming, you may change the trunk group assignment of CO lines. See the page 3-52 in INSTALLATION MANUAL.

  **Default:**
  - CO 1 is assigned to Trunk group 1.
  - CO 2 is assigned to Trunk group 2.
  - CO 3 is assigned to Trunk group 3.
  - CO 4 is assigned to Trunk group 4.
  - CO 5 is assigned to Trunk group 5.
  - CO 6 is assigned to Trunk group 6.
  - CO 7 is assigned to Trunk group 7.
  - CO 8 through CO 12 is assigned to Trunk group 8.

  - The CO line which is not assigned to the CO button can not be dialed.
Making Calls (cont.)

Inter Office Calling (Intercom)

Station to station dialing within the KX-T123211D system.

**Using the Handset**

- Lift handset
- Dial extension number (100 through 199)
- Talk
- Hang up

**Hands-free**

- Press SP-PHONE
- Dial extension number (100 through 199)
- Talk
- Press SP-PHONE to hang up

When changing CO button into DSS (Direct Station Selection) button:

- Lift handset
- Press CO which has been changed into DSS

**Speed Dialing**

There are 100 memory locations of system speed dialing available. A maximum of each memory location is 32 digits. For programming, refer to “System Speed Dialing Entry” on page 48.

- Lift handset or press SP-PHONE
- Press AUTO
- Dial speed access code (00 through 99)

- You may press the CO button to select the CO line directly after lifting the handset or pressing the SP-PHONE button.

**Operator Call**

You can call the operator within the KX-T123211D system. This feature is required to be set beforehand in the KX-T123211D. For programming, see page 3-9 in INSTALLATION MANUAL.

- Lift handset or press SP-PHONE
- Dial "0"
- Dial "0" or "1"  
  "0" for Operator 1  
  "1" for Operator 2

- In case one operator is programmed, you have only to dial 0.

**Calling Doorphone**

Up to two doorphones (KX-T30865) can be connected to the KX-T123211D.

**Doorphone 1**

- Lift handset or press SP-PHONE
- Dial "311"

**Doorphone 2**

At step 2 above, dial 312 instead of 311.

- Default:  
  101: is assigned to extension of Jack number 01  
  102: is assigned to extension of Jack number 02  
  132: is assigned to extension of Jack number 32

- You may press the ICM button instead of the first SP-PHONE button.

- The ICM indicator will be lit (green color) while using the unit.
Making Calls (cont.)

One Touch Dialing

There are 12 memory locations for automatic dialing available. Up to 16 digits can be stored into each memory location. For your convenience, program private phone numbers into the KX-T123230D.

Programming

- Be sure the handset is in the cradle and the SP-PHONE button is off.
- Set the MEMORY switch of the KX-T123230D to "PROGRAM".

Storage

| NO. | WXY 9 | Dial “9” | Dial phone number | AUTO MEMORY |

- You may dial 81 through 88 instead of 9. 9 ... An extension automatically selects an idle line within the CO Line enable to call. 81 through 88 ... An extension selects a trunk group designated.
- You may program "*", "#", "-", "FLASH" and "PAUSE". The SAVE button is used as the "-" button.
- When you don't want to display the dialed phone number on the LCD in One Touch Dialing, press the ICM (SECRET) button before and after dialing the phone number that you want to keep secret. Do not press the ICM button before line access number (9 or 81 through 88).

Example:

9-123 ICM 456 ICM

press the ICM button
The display shows as follows when programming.

M01/P : 9-123[456]
The display shows as follows when dialing.

123...

- After programming all the numbers, return the MEMORY switch to the "SET" position. In this case, the MEMORY indicator will go out.

To Correct an Error while Programming

- After pressing the CLEAR button, re-program the correct number.
- The TRANSFER button is used as the CLEAR button.

To Change a Stored Number

Repeat "Storage".

To Erase after Programming

| NO. | TRANSFER | AUTO MEMORY |

- The TRANSFER button is used as the CLEAR button.

Dialing

| Lift handset or press SP-PHONE | Press PROGRAMMABLE FEATURE |

- You may press the CO button to select the CO line directly after lifting the handset or pressing the SP-PHONE button.
When a Line is Busy

Automatic Call Back Busy (Camp-on)

If the intercom extension or the outside line (CO line) you have dialed is busy, the call will be automatically called back to you when the extension or the outside line (CO line) becomes free using this function. This feature is also known as camp-on.

For outside (CO line) calls

<table>
<thead>
<tr>
<th>Press CO</th>
<th>You will hear a busy tone</th>
<th>Dial “6”</th>
</tr>
</thead>
</table>

2 beeps

Confirmation tone of 2 beeps will be heard

Hang up or press SP-PHONE

Busy Station Signaling

If the extension you have dialed is busy, you can inform the extension that another intercom call is reaching by three beeps. If the extension you have dialed is KX-T123235 or KX-T123230D you can inform the extension through the speaker.

1

Dial extension number

You will hear a busy tone

DIAL “1” and wait for an answer

- To answer your signal, see “Call Waiting” on page 23.
- While the other party is setting “Call Waiting Tone-From Extension Deny” on page 36 or is using a data terminal equipment, you may not be able to use this feature. (A reorder tone is heard after dialing 1.)

For intercom calls

Dial extension number (100 through 199)

You will hear a busy tone

Dial “6”

2 beeps

Confirmation tone

Hang up or press SP-PHONE

When hearing the ring back on intercom call or an outside call, lift the handset or press the SP-PHONE button.

- If you make or receive a call during camp-on mode, the camp-on mode will be canceled.
When a Line is Busy (cont.)

Executive Override (Barge-In)
– into Extension

Allows an extension user to barge in an engaged conversation with an outside party for the following reasons: To establish Conference mode or to receive calls that another extension has answered. This feature is required to be set beforehand in the KX-T123211D. For programming, see page 3-74 in INSTALLATION MANUAL.

Lift handset or press SP-PHONE
Dial extension number (100 through 199)
You will hear a busy tone

Dial "2"
[A3-party conference is now established]

- If the other party is using data equipment or is setting “Executive Override Deny” on page 35, you can not intrude into the other party that is in conversation. (A reorder tone is heard after dialing 2.)

Executive Override (Barge-In)
– into CO

Allows an extension or CO line user to barge in an engaged conversation with an outside party for the following reasons: To establish Conference mode or to receive calls that another extension has answered. This feature is required to be set beforehand in the KX-T123211D. For programming, see page 3-74 in the INSTALLATION MANUAL.

Lift handset or press SP-PHONE
Press CO which you want to intrude into CO line

- If the other party is setting “Data Line Security” on page 39, you can not intrude into the other party that is in conversation.
When a Line is Busy (cont.)

Last Number Redial

The last phone number dialed on an outside line (CO line) can be redialed.

Lift handset or press SP-PHONE

Press REDIAL

- When using the handset;
  Pressing the REDIAL button enables you to redial once.
- When using the hands-free operation;
  (Automatic Redialing)
  Pressing the REDIAL button enables you to redial up to 15 times within 10-minutes.

  - To cancel the automatic redialing, push the FLASH button or lift the handset.
  - The SP-PHONE indicator will flash.

- You may press the CO button to select the CO line directly after lifting the handset or pressing the SP-PHONE button.
- You may dial the 8 and trunk group number (1 through 8) to select the trunk group directly after lifting the handset or pressing the SP-PHONE button.

Receiving Calls

Answer

Lift handset

Press SP-PHONE

- If "Automatic Answering Selection" feature is selected for "No Line Preference-Incoming" in the extension and outside call reaches, lift the handset and then press the CO button whose indicator is flashing (red color) quickly.
- When an intercom call reaches, you may press the ICM button whose indicator is flashing quickly and talk.
- When an outside call reaches, you may press the CO button whose indicator is flashing (red color) quickly and talk.
- You can distinguish a CO call, an Intercom call or a doorphone call by a kind of ring tones. For further details see page 6-7 in INSTALLATION MANUAL.

Automatic Answer-Intercom

Allows an extension user to answer an intercom call in the automatic hands-free mode without any operation. This feature is required to be set beforehand while the unit is not in use.

- Setting

Press AUTO ANS

- The AUTO ANSWER indicator will be lit.

- To Cancel

Press AUTO ANS

- The AUTO ANSWER indicator will go out.
Receiving Calls (cont.)

Dial Call Pickup
Through the use of this feature, an extension user can answer any ringing extension within their own extension group.

- Lift handset or press SP-PHONE
- Dial "40"

Directed Call Pickup
An extension may answer an incoming call that is ringing at another extension regardless of the extension group.

- Lift handset or press SP-PHONE
- Dial "4"
- Dial ringing extension number (100 through 199)

Call Park
Extension user can place up to ten calls in the call park zones. Allows extension user to retrieve a parked call (intercom or outside) at any extension.

- To Park a Call
  - Press HOLD
  - Dial "2"
  - Dial parking station number (20 through 29)

- Confirmation tone
- Replace handset or press SP-PHONE

- A call may be placed in any of ten call park zones.
- If a busy tone is heard after the station number is dialed, dial only last 1 digit of the other parking station number (0 through 9).

Doorphone
This feature is required to be set beforehand in the KX-T123211D. For programming, see page 3-76 in INSTALLATION MANUAL.

- For Answering Doorphones
  - If calls from doorphones are not answered within 15 seconds, the calls will be cancelled.

- Lift handset or press SP-PHONE

- Lift handset or press SP-PHONE
- Dial "5"
- Dial parking station number (20 through 29)

When you want to make an outside call while an outside call is reaching, press the CO button.

If the dial tone (continuous tone) changes to a reorder tone (intermittent tone) or a mistake is made, hang up and start again.
While Having a Conversation

Hold-CO

Call on Hold

If you wish to leave your phone unattended but want the caller you are in conversation with to wait, call on hold may be used. Outside calls may be placed on hold.

Press HOLD

Confirmation tone of 2 beeps will be heard

- The indicator of the CO button which is on hold will flash slowly (green color).
- The indicator of the CO button which is on hold will flash slowly (red color) at other extensions.

To Retrieve a Call on Hold

- Press the CO button whose indicator is flashing slowly (green color).

Press CO

To Retrieve a Call on Hold from Another Extension

Lift handset or press SP-PHONE

- Press the CO button whose indicator is flashing slowly (red color).

Lift handset or press SP-PHONE

Dial "5"

Dial holding extension number (100 through 199)

- In case held call is outside call, you may dial "53" and then held CO line number (01 through 12).

Call on Exclusive Hold

Calls on exclusive hold cannot be released by any extensions except the phone which left the call on hold.

Press HOLD

Press again

- The indicator of the CO button which is on hold will flash in groups of 2 (green color).
- The indicator of the CO button which is on hold will light (red color) at other extensions.

To Retrieve

- Press the CO button whose indicator is flashing in groups of 2 (green color).

Press CO
While Having a Conversation (cont.)

Hold-Intercom

**Call on Hold**

Extension user can leave an intercom call on hold. An Intercom hold can be activated on one extension only.

- The ICM indicator will flash slowly.

Press HOLD

- Confirmation tone

**To Retrieve a Call on Hold**

- The ICM indicator will be on.

Press ICM

**To Retrieve a Call on Hold from Another Extension**

Lift handset or press SP-PHONE

- Dial holding extension number

Dial "5"

**Call on Exclusive Hold**

Calls on exclusive hold can not be released by any extensions except the phone which left the call on hold. An Intercom hold can be activated on one extension only.

- The ICM indicator will flash in groups of 2.

Press HOLD

Press again

**To Retrieve a Call on Hold**

- The ICM indicator will be on.

Press ICM

Conference

Allows for a three party conference, (2-outside/1-inside), (1-outside/2-inside) or (3-inside).

- Press CONF

- Dial 2nd party

- Consult with 2nd party

- Press CONF

- A 1st party is left on hold.

- A 3-party conference is now established.

- You may press the HOLD button instead of the first CONFERENCE button.

**To Terminate One Caller and Talk to the Another Caller**

- If both the conference parties are on the CO line, press the CO button to talk to the desired party.

- If the conference parties are on the CO line and extension; to talk to the CO party, press the CO button. To talk to the extension party, press the ICM button.

**To Leave the Other Two Parties on Hold at the Same Time**

- In case the other two parties are on the extension, the other two parties can not be left on hold.
While Having a Conversation (cont.)

**Call Splitting-Between CO and Intercom**

Allows an extension user to alternate between a CO party and an Intercom party.

- **Press HOLD to leave 1st party on hold**
- **Dial 2nd party**
- **Consult with 2nd party while 1st party is on hold**
- **Press HOLD to leave 2nd party on hold**

Press CO or ICM whose indicator is flashing slowly

Press "ICM" or "CO" whose indicator is flashing slowly

Consult with 2nd party

**Call Splitting-Intercom**

Allows an extension user to alternate between two intercom parties.

- **Press HOLD to leave 1st party on hold**
- **Dial 2nd party**
- **Consult with 2nd party while 1st party is on hold**
- **Press HOLD to leave 2nd party on hold**

Consult with 1st party

Press HOLD to leave 1st party on hold

Consult with 2nd party

- To release the call splitting mode, press the ICM button instead of the HOLD button. Conversation will be terminated and call on hold will be returned to conversation.

- To release the call splitting mode, press the CO or ICM button without pressing the HOLD button. Conversation will be terminated and call on hold will be returned to conversation.
Call Waiting

Call Waiting Tone during a conversation indicates that there is a new incoming CO call or Intercom call. Call Waiting Tone is heard from the built-in speaker of the KX-T123230D.

This feature has been set beforehand in the extension. There are Tone 1 and Tone 2 in the call Waiting Tone.

For changing Tone 1 into Tone 2, see "Call Waiting Tone Selection" on page 45.

- If a call waiting tone is heard and the CO or ICM indicator does not flash, this tone indicates a call waiting tone by special company service.
  - In this case, see "Call Waiting-Outside Line" on page 35.

To Terminate the Original Call and Talk to the New Caller

If original call is CO call, and new call is CO call or intercom call: or If original call is Intercom call and new call is CO call:

- Will hear a call waiting tone
- Press CO or ICM whose indicator is flashing quickly
- Press CO or ICM whose indicator is flashing quickly

Off Hook Call Announcement (OHCA)

While you have conversation using the handset, this feature allows an extension user to intrude through the speaker of the KX-T123230D.

As to the operation of extension user, "Busy Station Signaling" on page 16.

You will hear voice announcement of a second call and talk.
While Having a Conversation (cont.)

Call Transfer-To Extension

Outside calls or intercom calls may be transferred to any extension manually.

■ To Transfer after the Other Extension Answers

Press TRANSFER

Dial extension number (100 through 199)

Announce and wait for an answer

Hang up, press SP-PHONE, DSS, CO or FLASH

- When busy, you may access the other extension by dialing 1. Also you may return to the calling party by pressing the CO or ICM button whose indicator is flashing slowly (green color).

■ To Transfer without Announcing to the Other Extension

Press TRANSFER

Dial extension number

Hang up, press SP-PHONE, DSS, CO or FLASH

■ To Retrieve the Call

If the other extension did not receive the transferred call within 30 seconds after the call has been transferred, the call will return to you. In this case:

While the ring back is hearing, lift the handset or press the SP-PHONE button to return to the calling party.

- To change the party to whom a call is transferred before hanging up: Press the CO or ICM button whose indicator is flashing slowly to retrieve the call, then repeat the procedure of Call Transfer.

- The time that the transferred call which is not received returns to you, may be set to 2 minutes. For changing, see page 3-27 in INSTALLATION MANUAL.

Call Transfer-To Outside Line

Outside calls or intercom calls may be transferred to any outside line manually. This feature is required to be set beforehand in the KX-T123211D. For programming, see page 3-72 in INSTALLATION MANUAL.

■ To Transfer after the Other Outside Party Answers

Press TRANSFER

Press CO

Dial phone number

Announce and wait for an answer

Hang up, press SP-PHONE, DSS or CO

- If you misdial the phone number, press the FLASH button and then redial the phone number.

- You may return to the calling party by pressing the CO or ICM button whose indicator is flashing slowly (green color) before hanging up.

■ To Transfer without Announcing to the Other Outside Party

Press TRANSFER

Press CO

Dial phone number

Hang up, press SP-PHONE or DSS or CO

- If outside call is transferred to any outside line, the KX-T123211D will disconnect the call from the line after 10 minutes. For changing the time, see “CO to CO Duration Time Limit” on page 3-30 in INSTALLATION MANUAL.
While Having a Conversation (cont.)

Privacy Release

Allows an extension user that is in conversation with an outside party to make a 3 party conference by having another extension join into the conversation.

While you are speaking on a CO line;

• Before pressing the CO button, inform another extension user to join into the conversation by word of mouth.

Press CO button already in use

At another extension that wants to join into the conversation;

Press CO which is quickly flashing in green for 5 seconds

• After an extension user presses the CO button, the CO indicator of the other extensions flashes for only 5 seconds. Another press of the CO button can add 5 seconds' flashing time.

Mute Operation

Use when you do not want your voice to be heard by the other party. This feature can be activated in speakerphone mode only.

■ To Enable

Be sure the SP-PHONE indicator is on.

Press MUTE

■ To Cancel

Press again

Switching between Using Handset and Hands-free

You may choose the handset or hands-free.

■ To Use the Handset

While having a conversation using speakerphone,

Lift handset

■ To Use the Hands-free

While having a conversation using the handset,

Press SP-PHONE  Hang up handset

• When the other party finds it difficult to hear your voice in the hands-free: Lower the sound level using the SPEAKER VOLUME CONTROL or speak louder.

• Absorbing echoes:
  Use in a room which has curtains or carpeting.

• To avoid lost conversations:
  If some part of the conversation is lost while talking, speak alternately.
Paging

Paging All Extensions and External

Allows paging to all extensions and external paging equipment.
The page can be heard from the proprietary telephones (KX-T123230, KX-T123220, KX-T123250 or KX-T123235 etc.) and external paging equipment.

To Access

Lift handset or press SP-PHONE

- Dial "33 #"
- Confirmation tone of 1 beep will be heard
- Page
- Wait for an answer and talk

- Paging will be heard from the built-in speaker of the proprietary telephone and external paging equipment (1 and/or 2).

- You may dial 32 # instead of 33 #.

Paging All Extensions

Allows paging to all extensions. The page can only be heard from proprietary telephones (KX-T123230, KX-T123220, KX-T123250 or, KX-T123235 etc.)

To Access

Lift handset or press SP-PHONE

- Dial "330"
- Confirmation tone of 1 beep will be heard
- Page
- Wait for an answer and talk

- Paging will be heard from the built-in speaker.

Paging Group

Allows paging to one of eight extension groups. The page can only be heard from proprietary telephones (KX-T123230, KX-T123220, KX-T123250 or, KX-T123235 etc.)

To Access

Lift handset or press SP-PHONE

- Dial "33"
- Dial extension group number (1 through 8)

- Confirmation tone of 1 beep will be heard
- Page
- Wait for an answer and talk

- Page will be heard from the built-in speaker.
Paging (cont.)

Paging-External

Allows access to external paging equipment.

■ To Access

Lift handset or press SP-PHONE

Dial “32”

Dial external paging number

“0”: for external paging equipments 1 and 2
“1”: for equipment 1
“2”: for equipment 2

Confirmation tone

Page

Wait for an answer and talk

■ Paging will be heard from external paging equipment (1 and/or 2).

Answer

A page from the built-in speaker or external paging equipment can be answered from any extension.

■ To Paging from Built-in Speaker

Lift handset or press SP-PHONE

Dial “43”

Confirmation tone

Talk

■ To Paging from External Equipment

Lift handset or press SP-PHONE

Dial “42”

Dial external paging number

Confirmation tone

Talk

“1”: for external paging equipment 1
“2”: for external paging equipment 2

■ To Transfer a Call to the Paged Person

While having a conversation

Press TRANSFER

Dial “330”

Confirmation tone

Page

Wait for an answer

Hang up or press SP-PHONE

• You may dial 331 through 338, 320 through 322, 33 * or 32 * instead of 330.

- 27 -
Use of Other Features

Call Forwarding-All Calls

All intercom calls to your extension can be automatically forwarded to any extension within the system.
For outside calls to your extension, if your extension is programmed to the Direct In Line (DIL) or call is the CO line which is programmed to the DISA, the outside calls can be automatically forwarded to any extension within the system. For programming to the DIL or DISA mode, see page 3-57 in INSTALLATION MANUAL.

■ Setting

Lift handset or press SP-PHONE

Press FWD/DND

Dial “1”

■ To Cancel

Lift handset or press SP-PHONE

Press FWD/DND

Dial “0”

Dial “#”

Hang up or press SP-PHONE

● The FWD indicator will go out.

Call Forwarding-Busy or No Answer

If your extension is busy or does not receive the call within 3 rings, intercom calls to your extension can be automatically forwarded to any extension within the system.
For outside calls to your extension, if your extension is programmed to the Direct In Line (DIL) or call is the CO line which is programmed to the DISA, the outside calls can be automatically forwarded to any extension within the system. For programming to the DIL or DISA mode, see page 3-57 in INSTALLATION MANUAL.
The 3 rings may be changed to 1 ring, 2 rings or 4 rings by programming (see page 3-28 in INSTALLATION MANUAL)
This feature will not function in “Automatic Answer mode” on page 18 and “Intercom Voice Alerting mode” on page 45.

■ Setting

Lift handset or press SP-PHONE

Press FWD/DND

Dial “2”

Dial “#”

Hang up or press SP-PHONE

■ To Cancel

Lift handset or press SP-PHONE

Press FWD/DND

Dial “0”

Dial “#”

● After cancelling, hang up or press SP-PHONE.

● The FWD indicator will go out.
Use of Other Features (cont.)

Call Forwarding - To Outside Line

Intercom calls to your extension can be automatically forwarded to any outside line. For outside calls to your extension, if your extension is programmed to the Direct In Line (DIL) or call is the CO line which is programmed to the DISA, the outside calls can be automatically forwarded to any outside line. For programming to the DIL or DISA mode, see page 3-57 in INSTALLATION MANUAL.

This feature is required to be set beforehand in the KX-T123211D. For programming, see Page 3-73 in INSTALLATION MANUAL.

Setting

- Lift handset or press SP-PHONE
- Press FWD/DND
- Dial “3”
- WXY 9

Dial “9”

You may dial 81 through 88 instead of 9.
9: ........................ An extension automatically selects an idle line within the CO line enable to call.

81 through 88: An extension selects a trunk group designated.

To Cancel

- Lift handset or press SP-PHONE
- Press FWD/DND
- Dial “0”
- Dial “#”

Dial Call Pickup Deny

Allows you to prohibit any other extension user from answering calls directed to you.

Setting

- Lift handset or press SP-PHONE
- Dial “#”
- Hang up or press SP-PHONE

Dial “721”

To Cancel

- Lift handset or press SP-PHONE
- Dial “#”
- Hang up or press SP-PHONE

Dial “720”

- After cancelling, hang up or press SP-PHONE.
- The FWD indicator will go out.
- If outside call is forwarded to any outside line, the KX-T123211D will disconnect the call from the line after 10 minutes. For changing the time, see "CO to CO Duration Time Limit" on page 3-30 in INSTALLATION MANUAL.
Use of Other Features (cont.)

Do Not Disturb

Each extension can be individually prohibited from receiving intercom and outside calls.

**Setting**

- Lift handset or press SP-PHONE
- Press FWD/DND
- Dial "4"
- Dial "#"
- Hang up or press SP-PHONE

- The DND indicator will be lit.

**To Cancel**

- Lift handset or press SP-PHONE
- Press FWD/DND
- Dial "0"
- Dial "#"
- Hang up or press SP-PHONE

Do Not Disturb Override

Allow you to dial to the extension on which the Do Not Disturb is set.

This feature is required to be set beforehand in the KX-T123211D.

For programming, see page 3-75 in INSTALLATION MANUAL.

- Lift handset or press SP-PHONE
- Dial extension number (100 through 199)
- Do not disturb tone is heard
- Dial "1"
- Ring back tone is heard and wait for answer

Switching to Tone Alerting

"Voice alerting" (through built-in speaker) that is established at the called party’s extension, can be switched to "Tone alerting" (ringing).

This feature is required to be set beforehand at the called party’s extension.

For programming, see page 45.

- Lift handset or press SP-PHONE
- Dial extension number (100 through 199)
- Wait until a confirmation tone is heard
- Dial "*"
- Ring back tone
Use of Other Features (cont.)

Absent Message Capability

Absent messages (Message 1 through 6) which are programmed can be informed to calling party. Programming can be done at any telephone (either proprietary telephones or standard telephones). When a caller using the proprietary telephone with LCD dials the extension in which the message is programmed, it will be displayed on the LCD.

■ Setting

■ Message 1. "Will Return Soon"

Lift handset or press SP-PHONE

###

Dial “#”

Hang up or press SP-PHONE

■ Message 2. "Gone Home"

Lift handset or press SP-PHONE

###

Dial “#”

Hang up or press SP-PHONE

■ Message 3. "At Ext. 123"

Lift handset or press SP-PHONE

###

Dial extension number

Dial “#”

Hang up or press SP-PHONE

■ Message 4. "Back at 10:23 AM"

Lift handset or press SP-PHONE

###

Dial "754"

Enter hour (01 through 12)

Enter minute (00 through 59)

Dial "0" or "1"

Dial "#"

“0”: for AM

“1”: for PM

■ Message 5. "Out Until 10/23"

Lift handset or press SP-PHONE

###

Dial "755"

Enter month (01 through 12)

Enter day (01 through 31)

Dial "#"

Hang up or press SP-PHONE
Use of Other Features (cont.)

**Absent Message Capability (cont.)**

- **Message 6. “In a Meeting”**
  - Lift handset or press SP-PHONE
  - Dial “#”
  - Dial “756”

- **To Cancel the Message**
  - Lift handset or press SP-PHONE
  - Dial “#”
  - Hang up or press SP-PHONE

**Saved Number Redial**

The phone number of an outgoing call to the CO when dialing, can be stored and then redialed.

### Programming

- **When the Called Line is Busy or while You are Speaking on the CO Line**
  - Before hanging up:
    - Press AUTO
    - Press SAVE

### Dialing

- **When using the handset:**
  - Pressing the REDIAL button enables you to redial once.

- **When using the hands-free operation; (Automatic Redialing)**
  - Pressing the REDIAL button enables you to redial up to 15 times within 10 minutes.
    - To cancel the automatic redialing, push the FLASH button or lift the handset.
    - The SP-PHONE indicator will flash.

- You may press the CO button to select the CO line directly after lifting the handset or pressing the SP-PHONE button.
Use of Other Features (cont.)

Message Waiting

If the intercom extension you have dialed is busy or does not answer, you can inform the called extension that there is a message which have to be informed.

■ Setting

Lift handset or press SP-PHONE
Dial extension number (100 through 199)
Ring back tone or busy tone will be heard
Press MESSAGE

1 beep
Confirmation tone
Hang up or press SP-PHONE

• The MESSAGE indicator will be lit at the called extension.

■ To Call the Extension which Sent the Message from the Extension where the Message is Left.

Lift handset or press SP-PHONE
Press MESSAGE
Ring back tone will be heard
Talk

• The MESSAGE indicator will go out.

■ To Cancel the Message at the Extension Where Message is Left.

Lift handset or press SP-PHONE
Dial “70”
Dial “#”

Hang up or press SP-PHONE

• The MESSAGE indicator will go out.
• All Messages will vanish.

■ To Cancel the Message which is Left at the Extension from the Extension which sent the Message.

Lift handset or press SP-PHONE
Dial extension number (100 through 199)
Press MESSAGE
Confirmation tone

MESSAGE
1 beep

Press MESSAGE
Confirmation tone
Hang up or press SP-PHONE

• The MESSAGE indicator will go out.

• Each extension can receive up to eight messages.

• If the MESSAGE indicator does not go out after calling the extension which is left the message, it means that another message is left. In case of having received plural messages, Dialing is done in order of receipt. But the extension to dial can be selected with Proprietary Telephone with LCD.

When the Message button is pressed with the handset on the cradle and the SP-PHONE button off, name of which left the message or extension number is displayed.

During it is displayed, press the Message button again. Repeat it until the desired name or extension number appears.

When the desired name or extension number appears, lift the handset and press the Message button.
Use of Other Features (cont.)

Account Code

This feature gives each message of the SMDR an account code of the called or calling party. (Station Message Detail Recording – SMDR is a cost-saving feature that records all incoming and outgoing calls through CO line.) This feature has two modes: “Forced” and “Option”.

In the “Forced” mode, the account code must be entered every time the extension user dials. In the “Option” mode, the account code may be entered when a record of the account code is needed. When setting to the “Forced” mode, see page 3-71 in INSTALLATION MANUAL.

Forced Mode

- **Making a Call**

  - Lift handset or press SP-PHONE
  - Press CO
  - Press FWD/DND
  - [FWD/DND indicator flashes.]
  - Wait for C.O. dial tone
  - Dial FWD/DND
  - Dial phone number

  Account code is 4 digits.

- You may dial 9 or 81 through 88 instead of pressing the CO button.

- Account code must be required 4 numerical digits except for the “#” and “*” buttons.

- If the account codes are programmed with the telephone numbers for one-touch dialing or system speed dialing, you need not dial the account code when making a call. Program as follows.

- **Receiving a Call**

  If you want to record a calling party’s account code in the SMDR, follow the below-mentioned procedure.

  Within 30 seconds of finishing your conversation or while having a conversation,

  - Press FWD/DND
  - Dial account code

  - Dialing the account code must be done before hanging up.

Option Mode

- **Making or Receiving a Call**

  If you want to record a calling or called party’s account code in the SMDR, follow the below-mentioned procedure.

  Within 30 seconds of finishing your conversation or while having a conversation,

  - Press FWD/DND
  - Dial account code

  - Account code is 4 digits.

- Dialing the account code must be done before hanging up.

- If you enter the wrong account code, press the FWD/DND button and enter the correct code.
Use of Other Features (cont.)

External Feature Access

Allows an extension user to access features of the central office or host PBX (e.g. CALL WAITING FEATURE can be supplied by Central Office.) The external feature (e.g. CALL WAITING FEATURE) can only be accessed when engaged on an outside call. The following example shows you one of the procedures.

■ Call Waiting-Outside Line

Will hear a call waiting tone
Press FLASH
Consult with new caller while original call is on hold

Press FLASH
Consult with original caller while 2nd call is on hold

If the calling party on hold hangs up, the line is terminated.

• “Flash” can be stored into memory in the same way as “Storage” on page 15.

• You may access some features of host PBX using the FLASH button. If KX-T123211D is connected to host PBX and flash operation is required, follow the procedure of flash operation which is required in the host PBX.

Executive Override Deny-Extension

Allows you to prohibit another extension user from intruding into your extension that is in conversation with an outside party or inside party. Default is “Allow”.

■ To Deny Executive Override

Lift handset or press SP-PHONE
Dial “73”
Dial “3”

Hang up or press SP-PHONE
Dial “0#”

■ To Allow Executive Override

Lift handset or press SP-PHONE
Dial “73”
Dial “3”

Hang up or press SP-PHONE
Dial “1#”

When deny Executive Override-CO, refer to “Data Line Security” on page 39.
Use of Other Features (cont.)

Call Waiting Tone-From CO/Extension Deny

During a conversation, a call waiting tone will be heard when a third party on an outside line or intercom calls you. Call waiting tone can be removed at customer’s request. Default is “Allow”.

**To Deny CO Call Waiting Tone**

- Lift handset or press SP-PHONE
- Dial “73”
- Dial “1”
- Dial “0#”
- Hang up or press SP-PHONE

**To Deny Extension Call Waiting Tone**

- Lift handset or press SP-PHONE
- Dial “73”
- Dial “2”
- Dial “0#”
- Hang up or press SP-PHONE

**To Allow Extension Call Waiting Tone**

- Lift handset or press SP-PHONE
- Dial “73”
- Dial “2”
- Dial “1#”
- Hang up or press SP-PHONE

**To Allow CO Call Waiting Tone**

- Lift handset or press SP-PHONE
- Dial “73”
- Dial “1”
- Dial “1#”
- Hang up or press SP-PHONE
Use of Other Features (cont.)

Pulse/Tone Conversion

When the dialing mode is required to change a pulse mode to a tone mode in one dialing sequence, this feature is used. (e.g. computer-accessed long distance service)

- Dial phone number (Pulse mode)
- Dial “*#”
- Dial phone number (Tone mode)

- When you dial using this feature, you must use the line set to a pulse mode. Phone number after dialing “*#” will be changed to tone mode.

**Example:** (Computer-accessed long distance service)
- Local access telephone number of the alternate long distance service company 765-4321,
  Authorization no. 0123456,
  Long distance no. 543-210-9876
- Pulse mode is required by local access telephone number of the alternate long distance service company.
- Service of MCI, SPRINT, METRO or other systems is used.

Electronic Station Lock

Locking an extension prohibits another user from dialing out on an outside line until that extension is unlocked.
Even the emergency call can not be dialed. The followings are possible at the locked extension.
- Receiving an outside call
- Dialing and receiving an intercom call
- Call pick up
- Dialing and receiving a doorphone call
- Dialing a door opener, etc.

**To lock**

- Lift handset or press SP-PHONE
- Dial “77”
- Dial lock code (000 through 999)

- Dial same lock code again
- Dial “#”
- Hang up or press SP-PHONE

**To unlock**

- Lift handset or press SP-PHONE
- Dial “77”
- Dial lock code

- Dial “#”
- Hang up or press SP-PHONE

- Lock code must be 3 numeric digits excluding the “#” and “*” buttons.
- If you forget the lock code, see the “Cancellation of Electronic Station Lock” on page 47.
Use of Other Features (cont.)

Station Status Check

You can confirm your station status on the LCD.

- Be sure the handset is in the cradle and the SP-PHONE button is off.

■ To confirm

Press the following button(s) which you want to confirm.

■ Proprietary Telephone

- Press REDIAL
- Press SAVE
- Press MESSAGE
- Press CO

■ DSS Console

- Press DSS
- Press PROGRAMMABLE FEATURE

- When the display of the contents stored exceeds 17 characters, the mark “&” will be displayed at the right end of the LCD.

Timed Reminder

If a time is set, an Alarm tone will sound at the preset time.

■ Setting

Lift handset or press SP-PHONE
Dial “76”
Enter hour (01 through 12)
Enter minutes (00 through 59)
Dial “0” or “1”
Dial “1” or “2”
[“0”: for AM
[“1”: for PM
[“1”: only one day
[“2”: every day]

Press CO

■ To cancel

Lift handset or press SP-PHONE
Dial “762 #”

- After cancelling, hang up or press SP-PHONE.

■ To confirm the setting time

Lift handset or press SP-PHONE
Dial “763 #”

- After confirming, hang up or press SP-PHONE.
Use of Other Features (cont.)

Data Line Security

This feature provides security when transmitting data through an extension of the KX-T123211D. The parallel connection of the KX-T123230D and a data terminal equipment is impossible. Executive override, Call waiting tone and Hold time reminder tone from KX-T123211D are prohibited in this mode.

**Setting**

Lift handset or press SP-PHONE

- **Dial “73”**
- **Dial “0”**
- **Dial “1#”**
- **Hang up or press SP-PHONE**

**To Cancel**

Lift handset or press SP-PHONE

- **Dial “73”**
- **Dial “0”**
- **Dial “0#”**
- **Hang up or press SP-PHONE**

Background Music

Music from an external source (e.g. radio) can be heard to on the built-in speaker of the telephone.

- Be sure the handset is in the cradle and the SP-PHONE button is off.

**To Listen**

- **Dial “1”**
- **Will hear music**

**To Cancel**

- **Dial “1”**

Station Feature Clear

Dialing (79#) will reset station features on an extension to the default data.

Lift handset or press SP-PHONE

- **Dial “73”**
- **Dial “0”**
- **Dial “79#”**
- **Hang up or press SP-PHONE**

**The following features can be reset to the default data.**

- Dial Call Pickup Deny
- Call Waiting Tone From CO/Extension Deny
- Data Line Security
- Background Music
- Timed Reminder
- Do Not Disturb
- Call Forwarding
- Absent Message Capability
- Message Waiting
- Executive Override Deny
Use of Other Features (cont.)

Flexible Night Service
(Extension of jack number 01 only)

Normal system operation is set for day time. Night service allows for the outward dialing and incoming ringing assignments etc. (See page 3-12 in INSTALLATION MANUAL.) to be rearranged via programming.

Night service is enabled or disabled through extension of jack number 01 using this feature, at any time.

Without activating this feature, the day/night services are automatically switched (default times are 9:00 AM and 5:00 PM) by the internal clock if the Switching Mode (Day/Night Service) is selected “Auto” mode in the KX-T123211D.

To Enable Night Service (To disable day service)

Lift handset or press SP-PHONE

Dial “782”

Dial “#”

Hang up or press SP-PHONE

To Disable Night Service (To enable day service)

Lift handset or press SP-PHONE

Dial “781”

Dial “#”

Hang up or press SP-PHONE

When the unit is not in use, the present mode selected will be shown by pressing the # button.

Station Programming

- Be sure the handset is in the cradle and the SP-PHONE button is off.

One Touch Access for System Features

Features that can be accessed by using the dialing button also can be programmed into memory. (e.g. Paging All Extensions)

To Program

- Set the MEMORY switch of the KX-T123230D to “PROGRAM”.

Example:
Paging All Extensions (Dial 330)

- System features described in the table on pages 54 and 55 can be programmed into memory.
- After programming all the system features, return the MEMORY switch to the “SET” position.

To Access

Lift handset or press SP-PHONE

Press PROGRAMMABLE FEATURE
Station Programming (cont.)

Auto CO Hunting

Prime Line Preference-Outgoing

You can access the prime CO line directly by picking up the handset or pressing the SP-PHONE button.

- Set the MEMORY switch of the KX-T123230D to "PROGRAM".

Setting

![Setting Diagram](Image)

Dial "13"  \( \text{Dial CO number (01 through 12)} \)

Press MEMORY

To Cancel

![To Cancel Diagram](Image)

Dial "11"  \( \text{Press MEMORY} \)

- After programming, return the MEMORY switch to the "SET" position.

Dialing through CO line

![Dialing Diagram](Image)

Lift handset or press SP-PHONE  \( \text{Wait for C.O. dial tone} \)

Dial phone number

- When you access an extension in the Auto CO Hunting Mode, press the ICM button and then dial the extension number.

Idle Line Preference-Outgoing

You can access any idle CO line within the CO line enable to call directly by picking up the handset or pressing the SP-PHONE button.

- Set the MEMORY switch of the KX-T123230D to "PROGRAM".

Setting

![Setting Diagram](Image)

Dial "12"  \( \text{Press MEMORY} \)

To Cancel

![To Cancel Diagram](Image)

Dial "11"  \( \text{Press MEMORY} \)

- After programming, return the MEMORY switch to the "SET" position.

Dialing through CO line

![Dialing Diagram](Image)

Lift handset or press SP-PHONE  \( \text{Wait for C.O. dial tone} \)

Dial phone number

- When you access an extension in the Auto CO Hunting Mode, press the ICM button and then dial the extension number.
Station Programming (cont.)

Automatic Answering Selection

<table>
<thead>
<tr>
<th>Prime Line Preference-Incoming</th>
<th>No Line Preference-Incoming</th>
</tr>
</thead>
</table>

When incoming calls from the Central Office are received at the same time, you can receive the call on the preferred CO line first by only lifting the handset or pressing the SP-PHONE button.

- Set the MEMORY switch of the KX-T123230D to "PROGRAM".

### Setting

- **ABC 2**
  - Dial "23"
  - Dial CO number (01 through 12)

- **DEF 3**
  - Press MEMORY

### To Cancel

- **ABC 2**
  - Dial "22"
  - Press MEMORY

- **ABC 2**
  - After programming, return the MEMORY switch to the "SET" position.

### To Answer

- Lift handset or press SP-PHONE

- If any incoming calls from the Central Office are received at the same time except preferred CO line, you must lift the handset or press the SP-PHONE button and then press the CO button whose indicator is flashing (red color) quickly.

If programmed for the No Line Preference-Incoming mode, the extension user must lift the handset or press the SP-PHONE button and then press the flashing CO button.

- Set the MEMORY switch of the KX-T123230D to "PROGRAM".

### Setting

- **ABC 2 1**
  - Dial "21"

- **ABC 2**
  - Press MEMORY

### To Cancel

- **ABC 2**
  - Dial "22"
  - Press MEMORY

- **ABC 2**
  - After programming, return the MEMORY switch to the "SET" position.

### To Answer

- Lift handset or press SP-PHONE

- Press CO whose indicator is flashing quickly
Station Programming (cont.)

Flexible CO Button

To Change into Other CO Button

Allows each CO button to change into CO number which is different from printed CO number.

- Set the MEMORY switch of the KX-T123230D to "PROGRAM".

Press CO which you want to change into different CO number

Dial "0" Dial CO number which you want to set newly (01 through 12)

- After programming all CO buttons, return the MEMORY switch to the "SET" position.

To Assign to Trunk Group Access Button

Allows each CO button to change into the trunk group access number (81 through 88).

- Set the MEMORY switch of the KX-T123230D to "PROGRAM".

Press CO which you want to change into trunk group access number

Dial "#" Dial trunk group number (1 through 8)

- After programming all CO buttons, return the MEMORY switch to the "SET" position.

To Change into DSS Button

Allows each CO button to change into the DSS (Direct Station Selection) button. DSS button can be used instead of dialing a extension number.

- Set the MEMORY switch of the KX-T123230D to "PROGRAM".

Press CO which you want to change into DSS button

Dial "1" Dial extension number (100 through 199)

- After programming all CO buttons, return the MEMORY switch to the "SET" position.

- For dialing, refer to "Inter Office Calling (Intercom)" on page 14.

To Change into Other All CO Button

Allows CO button to change into all CO numbers which are not assigned to CO button.

- Set the MEMORY switch of the KX-T123230D to "PROGRAM".

Press CO which you want to change into other all CO numbers

Dial "*" Press MEMORY

- After programming all CO buttons, return the MEMORY switch to the "SET" position.
Flexible CO Button (cont.)

To Change into One Touch Dialing Button

Allows each CO button to change into the one touch dialing button. Up to 16 digits can be stored into each of the 12 CO buttons.

- Set the MEMORY switch of the KX-T123230D to “PROGRAM”.

Press CO which you want to change into one touch dialing

Dial “2”
Dial “9”

Dial phone number

Press MEMORY

You may dial 81 through 88 instead of 9.
9... An extension automatically selects an idle line within the CO line enable to call. 81 through 88... An extension selects a trunk group designated.

- After programming all CO buttons, return the MEMORY switch to the “SET” position.
- For dialing, refer to “One Touch Dialing” on page 15.

CO Line Ringing Selection

Through programming the CO numbers, you can select whether the extension ring or not when an outside call reaches through the CO line. Program the CO numbers which you want to ring. “Flexible Ringing Assignment” on page 3-54 in INSTALLATION MANUAL should be set to “Enable”.

To Change the CO Numbers desired to Ring

- Set the MEMORY switch of the KX-T123230D to “PROGRAM”.

Dial “3”
Continue to dial CO numbers which you want to ring (01 through 12)

Press MEMORY

Example
To ring CO. 01, 03, 05
1) Dial [3]
2) Dial [0][1][0][3][0][5] in succession.
3) Press MEMORY

- As all programmed CO numbers are not displayed, press the “→” (FWD/DND), or “←” (CONF) button for scrolling the display.

- After programming, return the MEMORY switch to the “SET” position.

- When an outside call reaches through the CO line not to ring, the CO indicator will flash. If you want to answer the outside Call, press the flashing CO button.
Intercom Voice Alerting Mode

The intercom alerting mode (tone/voice) at a receiving extension can be selected through programming.
VOICE... Voice alerting instead of Tone alerting is heard through the speaker on the receiving extension.
TONE... Tone alerting (ringing) sound at the receiving extension.

- Set the MEMORY switch of the KX-T123230D to “PROGRAM”.

Setting (Voice Alerting Mode)

<table>
<thead>
<tr>
<th>GHI 4</th>
<th>ABC 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>AUTO</td>
<td>MEMORY</td>
</tr>
</tbody>
</table>

Dial “42” Press MEMORY

To Cancel (Setting Tone Alerting Mode)

<table>
<thead>
<tr>
<th>GHI 4</th>
<th>1</th>
</tr>
</thead>
<tbody>
<tr>
<td>AUTO</td>
<td>MEMORY</td>
</tr>
</tbody>
</table>

Dial “41” Press MEMORY

- After programming, return the MEMORY switch to the “SET” position.

Call Waiting Tone Selection

Through programming, you can change the Call Waiting Tone from Tone 1 to Tone 2 where Tone 2 rings in 5 sec for intercom calls as well as CO calls with different intervals but Tone 1 rings in 15 sec with same interval for intercom as well as CO calls.

Tone 1

| 15 sec |

Tone 2

| 5 sec |

CO calls

Intercom calls

To Select

- Set the MEMORY switch of the KX-T123230D to “PROGRAM”

<table>
<thead>
<tr>
<th>JKL 5</th>
</tr>
</thead>
<tbody>
<tr>
<td>AUTO</td>
</tr>
</tbody>
</table>

Dial “5” Dial “1” or “2” Press MEMORY

[“1”: for Tone 1 “2”: for Tone 2]

- After programming, return the MEMORY switch to the “SET” position.
Station programming (cont.)

Station Number Check

You can confirm your extension number and jack number by the LCD.

- Set the MEMORY switch of the KX-T123230D to "PROGRAM".
- The LCD will show your extension number and jack number.

Dial "6"

- After confirming, return the MEMORY switch to the "SET" position.

Date and Time Setting

(Extension of jack number 01 only)

When the present time is out of order, you can adjust by following procedure.

- Set the MEMORY switch of the KX-T123230D to "PROGRAM".

Dial "0"
Enter year (last 2 digits) Enter month (01 through 12) Enter day (01 through 31)

Dial day of the week

Enter hour (01 through 12)

"0": for SUN "4": for THU
"1": for MON "5": for FRI
"2": for TUE "6": for SAT
"3": for WED

Press MEMORY

Enter minutes (00 through 59) Dial "0" or "1"

"0": for AM "1": for PM

Press MEMORY

- After programming, return the MEMORY switch to the "SET" position.

Station Program Clear

Pressing (# * MEMORY) will reset station programs on an extension to the default data.

- Set the MEMORY switch of the KX-T123230D to "PROGRAM".

Dial "#" Dial "*" Press MEMORY

- After clearing, return the MEMORY switch to the "SET" position.

The following programs can be reset to the default data.

- Auto CO Hunting
  - Prime Line Preference-Outgoing
  - Idle Line Preference-Outgoing
- Automatic Answering Selection
  - Prime Line Preference-Incoming
  - No Line Preference-Incoming
- Intercom Voice Alerting Mode
- CO Line Ringing Selection
- Call Waiting Tone Selection

- 46 -
Cancellation of Electronic Station Lock  
(Extension of jack number 01 only)

You can cancel the Electronic Station Lock on all extensions. This feature is done through extension connected to jack number 01 only.

- Set the MEMORY switch of the KX-T123230D to "PROGRAM".

Dial "8"  
Press MEMORY

- After canceling the Electronic Station Lock, return the MEMORY switch to the "SET" position.

Outgoing Message  
(Extension of jack number 01 only)

Enables to record message that answers calls on the CO line set to "DISA" mode. The record time is max. 31 seconds. One message can be recorded.

- Set the MEMORY switch of the KX-T123230D to "PROGRAM".

To record

Dial "9"  
Lift handset  
Dial "2"  
Give message

Press MEMORY

- Message which is recorded is played back automatically.

To play back only

Dial "9"  
Dial "1"  
Will hear message

- After recording or confirming, return the MEMORY switch to the "SET" position.

- Optional Outgoing Message Card and Direct Inward System Access Cards are necessary.

- If a power failure takes place for about 10 days, OGM will vanish. Then, "Record OGM" will be indicated and blink on the LCD of the extension connected to jack no.1. Please record OGM again.
Station Programming (cont.)

System Speed Dialing Entry (Extension of jack number 01 only)

100 phone numbers each with up to 32 digits may be stored for speed dialing. All speed dial entries must be entered at Extension of jack number 01 (KX-T123230D) with the System Program Switch set to the "PITS" position within the KX-T123211D.

For your convenience, program common phone numbers into the KX-T123211D.

Storage

Be sure the handset is in the cradle and the SP-PHONE button is off.

<table>
<thead>
<tr>
<th>MEMORY</th>
<th>AUTO</th>
<th>PRESS AUTO</th>
</tr>
</thead>
<tbody>
<tr>
<td>NEXT</td>
<td></td>
<td>Press NEXT</td>
</tr>
<tr>
<td>WXY 9</td>
<td></td>
<td>Dial speed access code (00 through 99)</td>
</tr>
<tr>
<td>Dial phone number</td>
<td>Press MEMORY</td>
<td></td>
</tr>
</tbody>
</table>

To advance to the next speed access code;

<table>
<thead>
<tr>
<th>SELECT</th>
<th>AUTO</th>
<th>MEMORY</th>
<th>AUTO</th>
</tr>
</thead>
<tbody>
<tr>
<td>Press SELECT</td>
<td>Dial speed access code (00 through 99)</td>
<td>Dial &quot;9&quot;</td>
<td>Dial phone number</td>
</tr>
<tr>
<td>MEMORY</td>
<td>AUTO</td>
<td>Press MEMORY</td>
<td></td>
</tr>
</tbody>
</table>

To program the next speed access code continuously, press the NEXT button instead of pressing the SELECT button and dialing the next speed access code.

To program the previous speed access code, press the PREV button instead of pressing the SELECT button and dialing the previous speed access code.

You may dial 81 through 88 instead of 9. Each extension can automatically select an idle line within the CO line enable to call. 81 through 88... Each extension can select trunk group designated.

When you don't want to display the dialed phone number on the LCD in speed dialing, press the ICM (SECRET) button before and after dialing the phone number that you want to keep secret. Do not press the ICM button before line access number (9 or 81 through 88) and account code.

Example:

9-123 ICM 456 ICM

press the ICM button

The display shows as follows when programming:

01 : 9-123 [456]

The display shows as follows when dialing:

-123...

After programming all the numbers, return the System Program Switch to the SET position. (For more information see page 3-5 in INSTALLATION MANUAL.)

To Change a Stored Number

Repeat "Storage".

To Erase after Programming

<table>
<thead>
<tr>
<th>MEMORY</th>
<th>AUTO</th>
<th>NEXT</th>
<th>CLEAR</th>
</tr>
</thead>
<tbody>
<tr>
<td>Press MEMORY</td>
<td>Press AUTO</td>
<td>Press NEXT</td>
<td>Press CLEAR</td>
</tr>
</tbody>
</table>

Press MEMORY

To advance to the next speed access code;

<table>
<thead>
<tr>
<th>SELECT</th>
<th>CLEAR</th>
<th>MEMORY</th>
<th>AUTO</th>
</tr>
</thead>
<tbody>
<tr>
<td>Press SELECT</td>
<td>Dial speed access code (00 through 99)</td>
<td>Press CLEAR</td>
<td>Press MEMORY</td>
</tr>
</tbody>
</table>

You may use the NEXT button or the PREV button instead of pressing the SELECT button and dialing the speed access code.
Example of Operation

To Leave a Call on Hold, and to Make Another Call

Example (CO line):

- Call in progress .................. CO 1
- New call .......................... CO 2

HOLD
Press HOLD

Press CO 2
Make a new call

Consult with the new caller while the call on CO 1 is on hold

Press CO 1 to terminate the call on CO 2 and to return to the call on CO 1

Example (Intercom):

- Call in progress .................. on extension 102
- New call .......................... on extension 103

HOLD
Press HOLD

Dial extension number 103
Consult with the new caller while extension 102 is on hold

ICM
Press ICM to terminate the call on extension 103 and to return to the call on extension 102

To Make a Call and Transfer a Called Party to Another Extension

Example:

- Call in progress .................. CO 1
- Extension to whom a call is transferred .................. Extension 102

1
Press CO 1
Make a call

TRANSFER
Press TRANSFER

Dial extension number 102
Announce and wait for an answer
Press SP-PHONE to transfer a call

To Place One Call on Hold and Transfer the New Call to an Extension

Example:

- Call in progress .................. CO 1
- New call .......................... CO 2
- Extension to whom a call is transferred .................. Extension 102

HOLD
Press HOLD

Press CO 2
Make or receive a new call

Consult with the new caller while the call on CO 1 is on hold

TRANSFER
Press TRANSFER

Dial extension number 102
Hang up or press SP-PHONE

- CO 2 call is now transferred to extension 102.
- CO 1 call is still on hold.
Example of Operation (cont.)

To Leave Three Calls on Hold, Transfer Two of the Calls to Extensions and Talk to Call on Hold

Example:
Call in progress ..................................... CO 1
New call ................................................. CO 2, CO 3
CO 1 is transferred to extension 104.
CO 2 is transferred to extension 105.

- Press HOLD
- Press CO 2
- Make or receive a new call
- Dial extension number 104
- Press CO 2
- Consult with the caller on CO 2 while the caller on CO 3 is on hold
- Press HOLD
- Press CO 3
- Make or receive a new call
- Consult with the new caller on CO 3 while the callers on CO 1 and CO 2 are on hold
- Dial extension number 105
- Press CO 3

- Talk

- The call on CO 1 is now transferred to extension 104.
- The call on CO 2 is now transferred to extension 105.
- The call on CO 3 is now returned into conversation.

You can transfer a desired call on CO to an extension in desired order regardless of order of leaving on hold.
# Busy Lamp Field

The indicators corresponding to the ICM (Intercom) and the CO buttons will indicate the status of the extensions.

- **CO indicator light**

<table>
<thead>
<tr>
<th>Light</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>off</td>
<td>idle</td>
</tr>
<tr>
<td>on (green color)</td>
<td>in use</td>
</tr>
<tr>
<td>slow flashing (green color)</td>
<td>on hold</td>
</tr>
</tbody>
</table>
| flashing in groups of 2 (green color) | - on exclusive hold  
|                               | - When a call on CO line is transferred to CO line. |
| quick flashing (green color)  | Privacy Release  |
| on (red color)                | in use at another extension |
| slow flashing (red color)     | on hold at another extension |
| quick flashing (red color)    | receiving        |

- **ICM indicator light**

<table>
<thead>
<tr>
<th>Light</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>off</td>
<td>idle</td>
</tr>
<tr>
<td>on</td>
<td>in use for intercom</td>
</tr>
<tr>
<td>slow flashing</td>
<td>on hold</td>
</tr>
<tr>
<td>flashing in groups of 2</td>
<td>- on exclusive hold</td>
</tr>
<tr>
<td></td>
<td>- When a call on CO line is transferred to CO line.</td>
</tr>
<tr>
<td>quick flashing</td>
<td>receiving</td>
</tr>
</tbody>
</table>

- **DSS indicator light**

(Indicator of CO button which has been changed into DSS button.)

<table>
<thead>
<tr>
<th>Light</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>off</td>
<td>idle</td>
</tr>
<tr>
<td>on (red color)</td>
<td>in use</td>
</tr>
</tbody>
</table>

**Note:**
- If a call on CO line whose number is not assigned is left on hold, the ICM indicator will flash.
Liquid Crystal Display (LCD)

When the unit is not in use, the LCD will show the month, day and the present time. Also the LCD will show the year, month, day and the day of the week by pressing the * button. To return to the display of the month, day and the present time, press the * button again.

<table>
<thead>
<tr>
<th>DISPLAY TYPE</th>
<th>WHEN THE DISPLAY SHOWS</th>
</tr>
</thead>
<tbody>
<tr>
<td>CO 01 2:15’30</td>
<td>While you are in conversation through a CO 1. • “2:15’30” indicates that the length of time that you have been speaking is about 2 hours 15 minutes and 30 seconds.</td>
</tr>
<tr>
<td>PITS-PGM NO?</td>
<td>When the MEMORY switch is set to “PROGRAM”</td>
</tr>
<tr>
<td>M 01/P: Not Stored</td>
<td>When memory location 01 is stored no telephone number.</td>
</tr>
<tr>
<td>Call back EXT 120</td>
<td>When “Automatic Call Back Busy” is set for an extension 120.</td>
</tr>
<tr>
<td>Call back CO 01</td>
<td>When “Automatic Call Back Busy” is set for the CO 1.</td>
</tr>
<tr>
<td>Doorphone 1</td>
<td>When “Doorphone 1” is called.</td>
</tr>
<tr>
<td>110: Brown</td>
<td>When an intercom call reaches from the extension 110 (Mr. Brown).</td>
</tr>
<tr>
<td>Call on CO 01</td>
<td>When an outside call reaches the CO 1.</td>
</tr>
<tr>
<td>Ext 130 &amp; CO 02</td>
<td>When “Conference” has been established among you and the extension 130 and the CO 2.</td>
</tr>
<tr>
<td>Paging All</td>
<td>When all extensions and external paging equipment are paged.</td>
</tr>
<tr>
<td>Paging All Ext</td>
<td>When all extensions are paged.</td>
</tr>
<tr>
<td>Paging Group 2</td>
<td>When group 2 is paged.</td>
</tr>
<tr>
<td>Extrnl Page 1 &amp; 2</td>
<td>When a page has been accessed from an external paging equipment 1 and 2.</td>
</tr>
<tr>
<td>Busy Ovrde Deny</td>
<td>When “Executive Override” is denied.</td>
</tr>
<tr>
<td>Busy Ovrde Allow</td>
<td>When “Executive Override” is allowed.</td>
</tr>
<tr>
<td>FWD (All) Ext 180</td>
<td>When “Call Forwarding-All Calls” is set for an extension 180.</td>
</tr>
<tr>
<td>FWD (B/NA) Ext 101</td>
<td>When “Call Forwarding-Busy or No Answer” is set for an extension 101.</td>
</tr>
<tr>
<td>FWD (All) CO G 1</td>
<td>When “Call Forwarding-Outside Line” is set for a trunk group 1.</td>
</tr>
<tr>
<td>DISPLAY TYPE</td>
<td>WHEN THE DISPLAY SHOWS</td>
</tr>
<tr>
<td>-----------------</td>
<td>----------------------------------------------------------------------------------------</td>
</tr>
<tr>
<td>Do Not Disturb</td>
<td>When &quot;Do Not Disturb&quot; is set.</td>
</tr>
<tr>
<td>FWD/DND Cancel</td>
<td>When &quot;Call Forwarding-All Calls&quot;, &quot;Call Forwarding-Busy or No Answer&quot;, &quot;Call Forwarding-Outside Line&quot; or &quot;Do not Disturb&quot; is canceled.</td>
</tr>
<tr>
<td>C.Pickup Deny</td>
<td>When &quot;Dial Call Pickup Deny&quot; is set.</td>
</tr>
<tr>
<td>C.Pickup Allow</td>
<td>When &quot;Dial Call Pickup Deny&quot; is canceled.</td>
</tr>
<tr>
<td>Night Mode</td>
<td>When &quot;Flexible Night Service&quot; is set.</td>
</tr>
<tr>
<td>Day Mode</td>
<td>When &quot;Flexible Night Service&quot; is canceled.</td>
</tr>
<tr>
<td>SYS-PGM NO?</td>
<td>When the SYSTEM PROGRAM switch in the KX-T123211D is set to &quot;PROGRAM&quot;.</td>
</tr>
<tr>
<td>Speed Dialing</td>
<td>When &quot;01&quot; is dialed to program a speed dialing number.</td>
</tr>
<tr>
<td>Speed No?</td>
<td>When the NEXT button or SELECT button is pressed to program a speed dialing number after dialing 01 is pressed.</td>
</tr>
<tr>
<td>Restricted</td>
<td>• When call is restricted with &quot;Toll Restriction&quot;.</td>
</tr>
<tr>
<td></td>
<td>• When the extension which has been set the Station Lock calls to CO line.</td>
</tr>
<tr>
<td>Enter ACCNT Code</td>
<td>When the FWD/DND button is pushed to enter an account code.</td>
</tr>
<tr>
<td>MW at Ext 101</td>
<td>When an operator leave the message at extension 101.</td>
</tr>
<tr>
<td>CW (Ext) On</td>
<td>When &quot;Call Waiting Tone-From Extension&quot; is set.</td>
</tr>
<tr>
<td>CW (CO) On</td>
<td>When &quot;Call Waiting Tone-From CO&quot; is set.</td>
</tr>
<tr>
<td>Call Prked at 21</td>
<td>When a call (intercom or outside) is parked to the parking station number 1.</td>
</tr>
<tr>
<td>Data Mode On</td>
<td>When &quot;Data Line Security&quot; is set.</td>
</tr>
<tr>
<td>Record OGM</td>
<td>When an OGM vanish and a call arrive to the CO line which DISA mode is set.</td>
</tr>
</tbody>
</table>
# Table of System Features

The following system features can be programmed into memory.

<table>
<thead>
<tr>
<th>Dial Plan Code</th>
<th>System Features</th>
<th>Dial Plan Code</th>
<th>System Features</th>
</tr>
</thead>
<tbody>
<tr>
<td>Extension no.</td>
<td>Individual Inter Office Calling</td>
<td>Parking Station no.</td>
<td>Call Park Retrieve</td>
</tr>
<tr>
<td>(100 through 199)</td>
<td>Busy Station Signaling</td>
<td>(20 through 29)</td>
<td></td>
</tr>
<tr>
<td>1</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ABC 2</td>
<td>Executive Override — into Extension</td>
<td></td>
<td>Camp-on</td>
</tr>
<tr>
<td>DEF 3 1</td>
<td>Calling Doorphone 1 or 2</td>
<td></td>
<td>Cancelling Message Waiting</td>
</tr>
<tr>
<td>Doorphone number</td>
<td>Paging-External Equipment 1 and 2</td>
<td></td>
<td>Cancelling Call Forwarding or Do Not Disturb</td>
</tr>
<tr>
<td>DEF 3 DEF 3</td>
<td>Paging-External Equipment 1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ABC 2</td>
<td>Paging-External Equipment 2</td>
<td></td>
<td>Call Forwarding-All Calls</td>
</tr>
<tr>
<td>DEF 3 DEF 3</td>
<td>Paging Group</td>
<td></td>
<td>Call Forwarding-Busy or No Answer</td>
</tr>
<tr>
<td>DEF 3 DEF 3</td>
<td>Paging All Extensions</td>
<td></td>
<td>Call Forwarding-To Outside Line</td>
</tr>
<tr>
<td>DEF 3 DEF 3</td>
<td>Paging All Extensions and External</td>
<td></td>
<td>Do not Disturb</td>
</tr>
<tr>
<td>DEF 3 DEF 3</td>
<td>Dial Call Pickup</td>
<td></td>
<td>Cancelling Dial Call Pickup Deny</td>
</tr>
<tr>
<td>DEF 3 DEF 3</td>
<td>Paging Answer-External Equipment 1 or 2</td>
<td></td>
<td>Dial Call Pickup Deny</td>
</tr>
<tr>
<td>GH 4 DEF 0</td>
<td>Paging Answer-External Equipment 1 or 2</td>
<td></td>
<td>Cancelling Data line Security</td>
</tr>
<tr>
<td>GH 4 DEF 3</td>
<td>Paging Answer-Group-All Extensions</td>
<td></td>
<td>Data line Security</td>
</tr>
</tbody>
</table>
## Table of System Features (cont.)

<table>
<thead>
<tr>
<th>Dial Plan Code</th>
<th>System Features</th>
<th>Dial Plan Code</th>
<th>System Features</th>
</tr>
</thead>
<tbody>
<tr>
<td>7 7 3 1 0 1 1 1</td>
<td>CO Call Waiting Tone Deny</td>
<td>7 7 5 6 1 1 1 1 1</td>
<td>Message “In a Meeting”</td>
</tr>
<tr>
<td>7 7 3 1 1 1 1 1</td>
<td>Cancelling CO Call Waiting Tone Deny</td>
<td>7 6 6</td>
<td>Hour (01 through 12)</td>
</tr>
<tr>
<td>7 7 3 2 1 1 1 1 1</td>
<td>Extension Call Waiting Tone Deny</td>
<td>7 6 6</td>
<td>Minute (00 through 59)</td>
</tr>
<tr>
<td>7 7 3 1 1 1 1 1 1</td>
<td>Cancelling Extension Call Waiting Tone Deny</td>
<td>0: for AM or</td>
<td>0: for AM or</td>
</tr>
<tr>
<td>7 7 5 1 1 1 1 1 1</td>
<td>Cancelling Absent Message</td>
<td>1: for PM</td>
<td>1: only one day</td>
</tr>
<tr>
<td>7 7 5 1 1 1 1 1 1</td>
<td>Message “Will Return Soon”</td>
<td>7 2 7 2</td>
<td>Message “Gone Home”</td>
</tr>
<tr>
<td>7 7 5 1 1 1 1 1 1</td>
<td>Message “At Ext 101” extension no.</td>
<td>7 0</td>
<td>Electronic Station Lock</td>
</tr>
<tr>
<td>7 7 5 2 1 1 1 1 1</td>
<td>Extension no.</td>
<td>7 0</td>
<td>Lock Code (000 through 999)</td>
</tr>
<tr>
<td>7 7 5 4</td>
<td>Message “Back at 10:00 AM.”</td>
<td>7 0</td>
<td>Same Lock Code again</td>
</tr>
<tr>
<td>7 7 5 1 1 1 1 1 1</td>
<td>Message “Out Until 10/23”</td>
<td>7 0</td>
<td>#</td>
</tr>
<tr>
<td>7 7 5 1 1 1 1 1 1</td>
<td>Flexible Night Service-Day Mode</td>
<td>7 0</td>
<td>Flexible Night Service-Night Mode</td>
</tr>
<tr>
<td>7 7 5 1 1 1 1 1 1</td>
<td>Flexible Night Service-Night Mode</td>
<td>7 0</td>
<td>#</td>
</tr>
</tbody>
</table>
# Troubleshooting Guide

## Problem

<table>
<thead>
<tr>
<th>The unit does not ring.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cause &amp; Remedy</td>
</tr>
<tr>
<td>Ringer Volume Selector is set to &quot;OFF&quot;. Set to &quot;HIGH&quot; or &quot;LOW&quot;.</td>
</tr>
<tr>
<td>See &quot;CO Line Ringing Selection&quot; on page 44.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>The unit does not operate during power interruption.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cause &amp; Remedy</td>
</tr>
<tr>
<td>The unit is used as extension of jack number 03 through 08, 11 through 16 and 19 through 32. Use another KX-T123230D which is used as extension of jack number 01, 02, 09, 10, 17 or 18, and switch the POWER FAILURE switch to &quot;ON&quot;. Then the unit can be used as a standard telephone.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>The unit does not operate in spite of using the optional headset KX-T30890.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cause &amp; Remedy</td>
</tr>
<tr>
<td>The HANDSET/HEADSET selector is set to &quot;HANDSET&quot;. Switch the selector to &quot;HEADSET&quot;.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>System programming can not be done into the KX-T123211D</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cause &amp; Remedy</td>
</tr>
<tr>
<td>You may have programmed without using an extension of jack number 01. The system programming can be done by using an extension of jack number 01 only.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>I have transferred a call to the different party by mistake.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cause &amp; Remedy</td>
</tr>
<tr>
<td>Press the CO or ICM button whose indicator is flashing slowly to retrieve the call, then repeat the procedure of Call Transfer.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Power failure does not take place but the unit does not operate except in manual dialing and receiving.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cause &amp; Remedy</td>
</tr>
<tr>
<td>The POWER FAILURE switch may be set to the ON position. Change the switch to the OFF position.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>I left a call on hold and hung up once, then seized a line and tried to leave a call on exclusive hold, but I can not.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cause &amp; Remedy</td>
</tr>
<tr>
<td>Retrieve a call once and place a call on exclusive hold again.</td>
</tr>
</tbody>
</table>
Connection to Telephone Line

The KX-T123230D may be connected to a telephone line. But will only operate in Manual Dialing and Receiving.

![Diagram showing connection to telephone line]

- In this case, if you are required from the telephone company, inform the followings:
  - FCC Registration No; .................
  - Ringer Equivalence; ................. 1.0B
  - The particular line whose equipment is connected.
- Do not use any handset except Panasonic handset for model KX-T123230D use.
- This unit must not be connected to a coin operated line. If you are on a party line, check with your local telephone company.

**Ringer Equivalence Number (REN):**
The REN is useful to determine the quantity of devices you may connect to your telephone line and still have all of those devices ring when your telephone number is called. In most, but not all areas, the sum of the REN's of all devices connected to one line should not exceed five (5.0). To be certain of the number of devices you may connect to your line, as determined by the REN, you should contact your local telephone company to determine the maximum REN for your calling area.
Power Failure

In the event of a power failure, each CO line will be connected to assigned extension if the KX-T123230D is used as an extension of jack number 01, 02, 09, 10, 17 or 18.

CO 1 will be assigned to extension of jack number 01.
CO 2 will be assigned to extension of jack number 02.
CO 5 will be assigned to extension of jack number 09.
CO 6 will be assigned to extension of jack number 10.
CO 9 will be assigned to extension of jack number 17.
CO 10 will be assigned to extension of jack number 18.

In this case, set the POWER FAILURE switch to “ON”. If dialing cannot be done, switch the DIALING MODE selector to the other position (“PULSE” or “TONE”).

When the power is restored, return the POWER FAILURE switch to “OFF” position. If you are in conversation, return the POWER FAILURE switch after your conversation is completed.

Accessory Order Information

- Replacement parts and accessories are available through your local authorized parts distributor.
- For the authorized distributor in your area, call toll free: 1-800-447-4700.

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Picture</th>
<th>Description</th>
<th>Comment</th>
</tr>
</thead>
<tbody>
<tr>
<td>KX-J07B</td>
<td><img src="image" alt="Handset Cord" /></td>
<td>Handset cord</td>
<td>7 feet</td>
</tr>
<tr>
<td>KX-J15B</td>
<td></td>
<td></td>
<td>15 feet</td>
</tr>
<tr>
<td>KX-J25B</td>
<td></td>
<td></td>
<td>25 feet</td>
</tr>
<tr>
<td>KX-T30890</td>
<td><img src="image" alt="Headset" /></td>
<td>Headset</td>
<td></td>
</tr>
</tbody>
</table>
Wall Mounting

This unit can be mounted on a wall phone plate.

To rotate the handset guide for wall mounting

1. Pull up in the direction of arrow A.
2. Set by rotating as shown.

Fig. 1

To temporarily place the handset down during a conversation, hook as shown.

Fig. 2

4. Mount the unit to the wall phone plate then seat securely by hooking as shown in Fig. 5.
5. Connect the cord to the telephone line jack.

Fig. 3

To mount the unit on a wall phone plate

1. Remove the rest by pulling in the direction of the arrow B while pushing the two snap tabs simultaneously in the direction of the arrow A, as shown in Fig. 3.

2. Insert the hooks of the rest into the hole of the unit then replace the rest by pushing it in the direction of the arrow C, as shown in Fig. 4.

3. Connect the telephone cord to the unit.

Fig. 4

When you want to connect the unit to a wall phone plate using a short telephone cord, have a house-wiring installed by the telephone company or a qualified installer, purchase a short telephone cord of 4-conductor and connect the cord to a wall phone plate.

Fig. 5
Important Information

In the event terminal equipment causes harm to the telephone network, the telephone company should notify the customer, if possible, that service may be stopped. However, where prior notice is impractical, the company may temporarily cease service providing that they:

(a) Promptly notify the customer.

(b) Give the customer an opportunity to correct the problem with their equipment.

(c) Inform the customer of the right to bring a complaint to the Federal Communication Commission pursuant to procedures set out in F.C.C. Rules and Regulations Subpart E of Part 68.

The Telephone Company may make changes in its communications facilities, equipment, operations or procedures, where such action is reasonably required in the operation of its business and is not inconsistent with the rules and regulations in F.C.C. Part 68. If such changes can be reasonably expected to render any customer terminal equipment incompatible with telephone company communications facilities, or require modification or alteration of such terminal equipment, or otherwise materially affect its use or performance, the customer shall be given adequate notice in writing, to allow the customer an opportunity to maintain uninterrupted service.
Others

- If there is any trouble, disconnect the unit from the extension line and connect a known working phone. If the known working phone operates properly, have it repaired by one of the specified Panasonic Factory Service Centers. If the known working telephone does not operate properly, check the Electronic Modular Switching System (KX-T123211D).

- 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 the like, or any abrasive powder to clean the cabinet. Wipe it with a soft cloth.

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

“This equipment has been tested and found to comply with the limits for a Class B computing device in accordance with the specifications set forth in Subpart J of Part 15 of the FCC Rules. If this equipment does cause interference to radio or television reception which can be determined by turning the equipment on and off, use the equipment in another location and/or utilize an electrical outlet different from that used by the receiver.”
For your future reference

SERIAL NO. _________________________ DATE OF PURCHASE __________
(found on the bottom of the unit)

NAME OF DEALER _________________________

DEALER’S ADDRESS _________________________