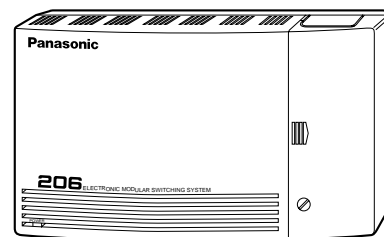


Panasonic

USER MANUAL

*Please read this manual before using
the Electronic Modular Switching
System.*



MODEL
KX-T206E

**Thank you for purchasing the Panasonic Model
KX-T206E, Electronic Modular Switching System.**

System Component

	Model No.	Description
Service Unit	KX-T206E	Electronic Modular Switching System
Telephone	KX-T7130E KX-T7020E KX-T7050E	Proprietary telephone with display Proprietary telephone Proprietary telephone
User-supplied Equipment	Single Line Telephones	

Notes

- In this Installation Manual, the suffix “E” of each model number is omitted.
- A proprietary telephone is abbreviated as “PT”.
- A single line telephone is abbreviated as “SLT”.

APPROVED for connection to telecommunication systems specified in the instructions for use subject to the conditions set out in them.

504100

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Proprietary Telephone Features

Making Calls

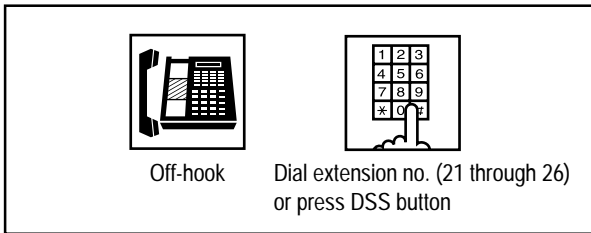
<NOTE>

Off-hook: Lift the handset, or press the **SP-PHONE** button or **MONITOR** button.

On-hook: Replace the handset, or press the **SP-PHONE** button or **MONITOR** button again.

Intercom Calling

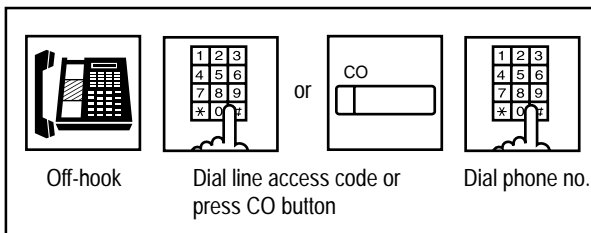
Allows you to make a call to another extension.



- For DSS button, see page 13.

Outward Dialling

Allows you to make a call to an outside party.



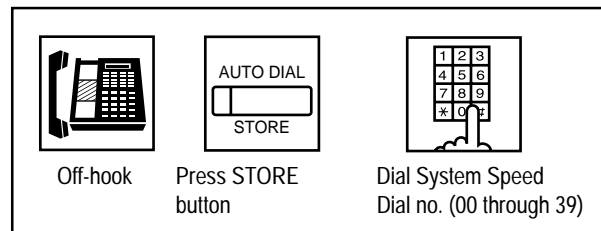
Line access code

- Automatic Line Access code: 9 or 0 (depending on the system program)
See page 28 of the Installation Manual.
- Individual Line Access code:
81 (CO line 1) or 82 (CO line 2)
- The elapsed time of the call is displayed on a display panel of KX-T7130.

System Speed Dialling

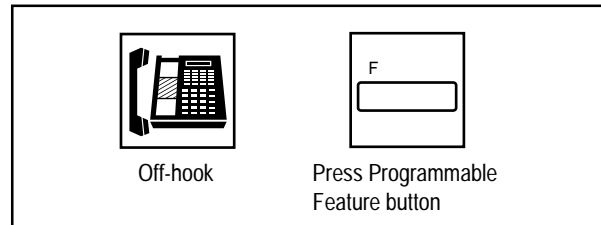
Allows you to make outside calls using previously programmed speed dial numbers.

This system supports eighty speed dial numbers which are available to all extension users.



One-Touch Dialling

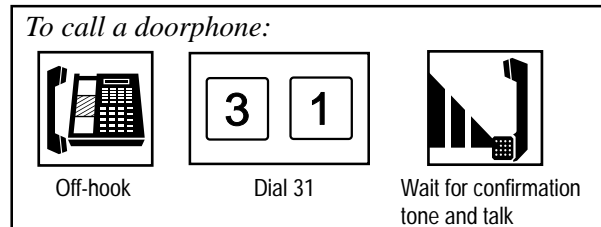
Allows you to call a number or access a system feature with the touch of a button.



- For programming, see page 13.

Doorphone

Allows you to have a conversation with a visitor at your door.

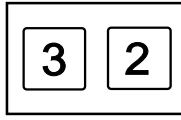


Proprietary Telephone Features

To unlock the door from an extension:



Off-hook

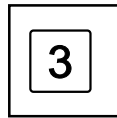


Dial 32



On-hook

To unlock the door while talking to the doorphone:



Dial 3

- You can unlock the door for programmed time.

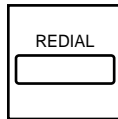
When a Line is Busy

Last Number Redial

Allows you to automatically re-enter the last outside number dialed.



Off-hook



Press REDIAL button

Receiving Calls

Answer



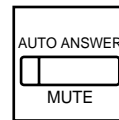
Off-hook

- You can also answer a call by pressing a flashing CO or INTERCOM button.

Handsfree Answerback

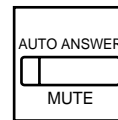
Allows you to answer an intercom call without lifting the handset.

To Set:



Press AUTO ANSWER/
MUTE button

To Cancel:



Press AUTO ANSWER/
MUTE button again

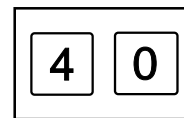
- The indicator light turns on when it is set and off when it is cancelled.

Call Pickup

Allows you to answer a call that is ringing at another telephone.



Off-hook



Dial 40

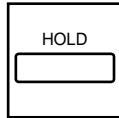
Proprietary Telephone Features

While Having a Conversation

Call Hold

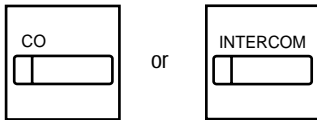
Allows you to place an intercom or outside call on hold.

To place a call on hold:



Press HOLD button

To retrieve a call on hold:

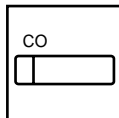


Press CO or INTERCOM button which is flashing green

Call Hold Retrieve

Allows you to receive a call that has been placed on hold by another extension.

With CO button:

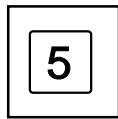


Press CO button which is flashing red slowly

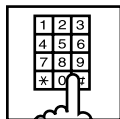
With a feature number:



Off-hook



Dial 5



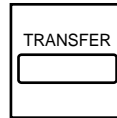
Dial CO Line no.
(81 or 82)

- You can dial the extension number (21 through 26) on hold or the CO line number.

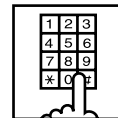
Call Transfer

Allows you to perform a Screened or Unscreened Call Transfer to another extension.

To set the screened call transfer feature:



Press TRANSFER button



Dial extension no. or press DSS button of destination

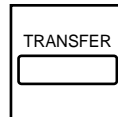


Wait for answer and announce

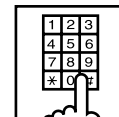


On-hook

To set the unscreened call transfer feature:



Press TRANSFER button



Dial extension no. or press DSS button of destination



On-hook

To retrieve the call when the transferred call is not answered within 30 seconds and returned to you:



Off-hook

- For programming the hold recall time, see page 28 of the Installation Manual.

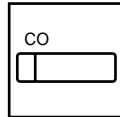
Proprietary Telephone Features

While Having a Conversation (contd.)

Call Waiting

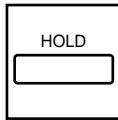
During a conversation, a Call Waiting tone signals that there is a call waiting. You can respond to the waiting call by disconnecting from the first call or by placing the first call on hold.

To talk to the new party by terminating the current call:

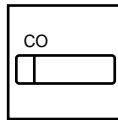


Press flashing CO button

To talk to the new party by holding the current call:



Press HOLD button

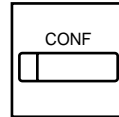


Press flashing CO button

Conference

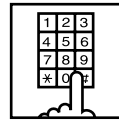
Allows you to add a third party to a two-party conversation and make a three-party conference. You can have the following combination of calls on the line: three extensions, two extensions and one CO line, or one extension and two CO lines.

To establish a conference:

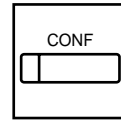


Press CONF button

- The current party is placed on hold.



Dial extension no. of the third party



Press CONF button after the third party answers

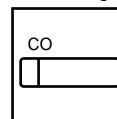
To leave the conference:



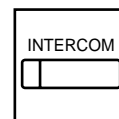
On-hook

- The other two parties can continue their conversation if they are not both CO lines.

To terminate one party and talk to the other:



or



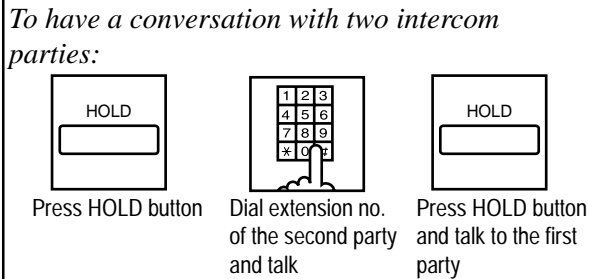
Press desired CO or INTERCOM button

Proprietary Telephone Features

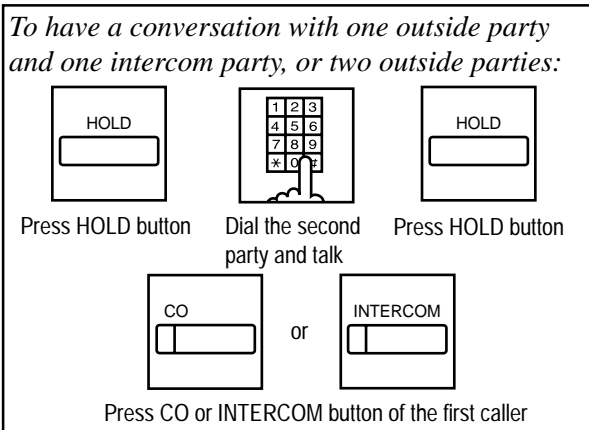
While Having a Conversation (contd.)

Call Splitting

Allows you to have two callers on a line and alternate between them. You can place the current call on hold and have a conversation with the other party.



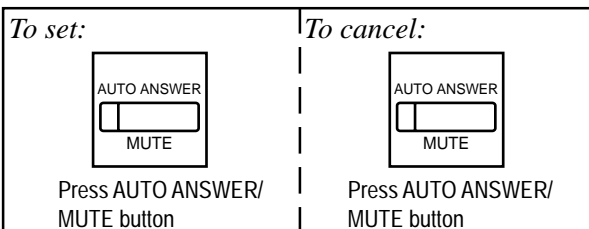
- Pressing the HOLD button alternates between the callers.



- You can alternate between callers by pressing the HOLD button and then the desired CO or INTERCOM button.

Microphone Mute

Allows you to turn off the speaker microphone so that you can consult privately with others in the room.



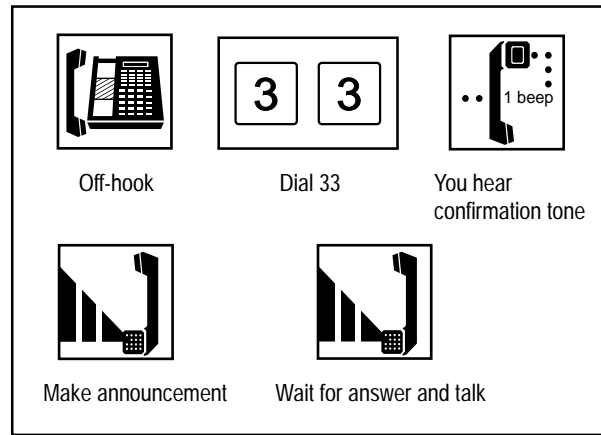
- The indicator light turns on when it is set and off when it is cancelled.

Paging Features

The Paging features allow you to make a voice announcement to several persons at the same time. Your message is announced over built-in speakers of proprietary telephones. The paged person can answer your page from a nearby telephone.

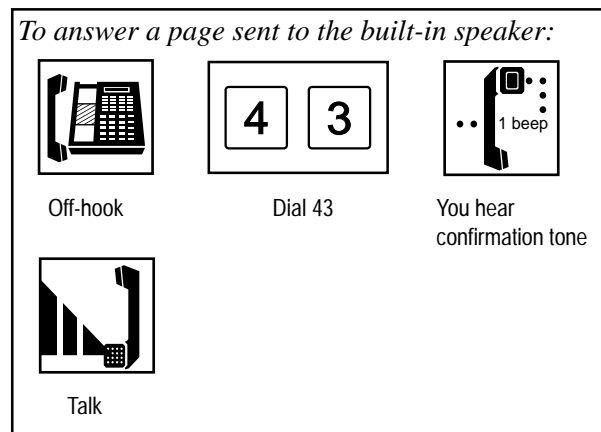
Paging All Extensions

Allows you to make a voice announcement to all extensions. Your message is announced over the built-in speakers of the proprietary telephones.



Paging-Answer

Allows you to answer an announced page at any extension within the system.

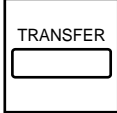
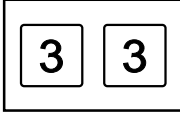
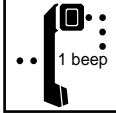

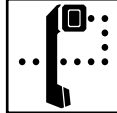



Proprietary Telephone Features

Paging and Transfer

Allows you to transfer a call using the paging feature.

To transfer a call:


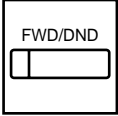
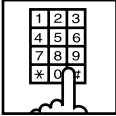

 Press TRANSFER button	 Dial 33	 You hear confirmation tone
 Make announcement	 Wait for answer	 On-hook

Other Features


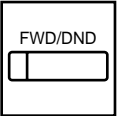
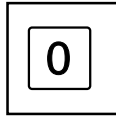

Call Forwarding

You can redirect all of your calls to another extension.

To set:

 Off-hook	 Press FWD/DND button	 Dial extension no. (21 through 26)	 On-hook
---	---	---	--

To cancel:


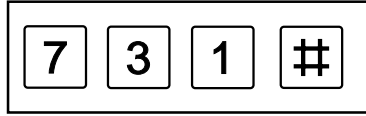

 Off-hook	 Press FWD/DND button	 Dial 0	 On-hook
---	---	---	--

- If your telephone is not equipped with the FWD/DND button, dial 7 + extension no. + # to set. Dial 70# to cancel.


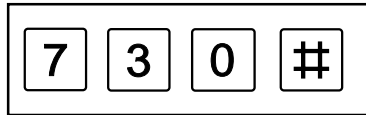

Call Pickup Deny

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

To set:

 Off-hook	 Dial 731#
 On-hook	

To cancel:

 Off-hook	 Dial 730#
 On-hook	

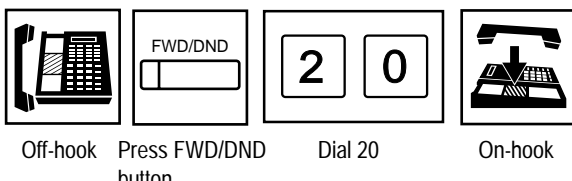
Proprietary Telephone Features

Other Features (contd.)

Do Not Disturb (DND)

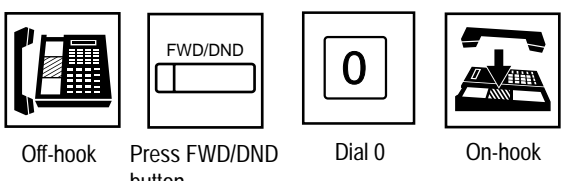
Allows you to prevent other parties from disturbing you. Your extension will not receive intercom or CO calls.

To set:



Off-hook Press FWD/DND button Dial 20 On-hook

To Cancel



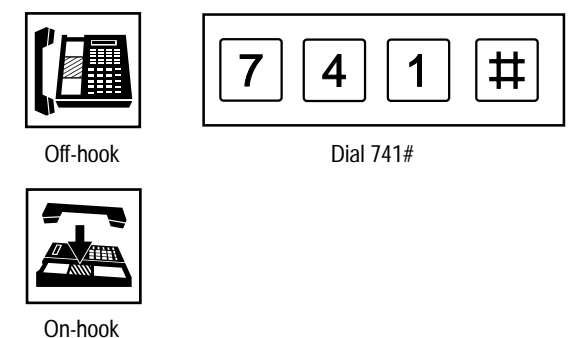
Off-hook Press FWD/DND button Dial 0 On-hook

- If your telephone is not equipped with the FWD/DND button, dial 720# to set and 70# to cancel.
- The Do Not Disturb feature is not available when the paging feature is activated.

Data Line Security

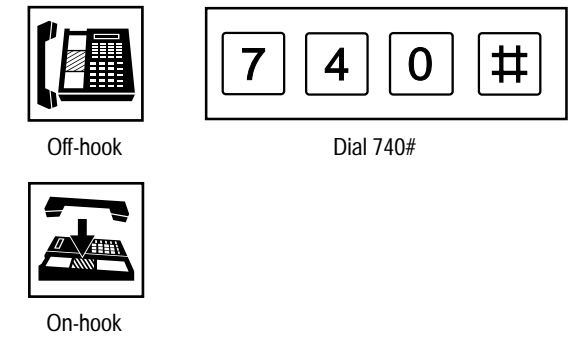
Your extension is protected against interruptions from “Call Waiting”, “Hold Alarm”, and “Executive Busy Override” features. Data communication devices, such as computers and facsimiles, will operate as usual.

To set the data line security feature:



Off-hook Dial 741# On-hook

To cancel the feature:

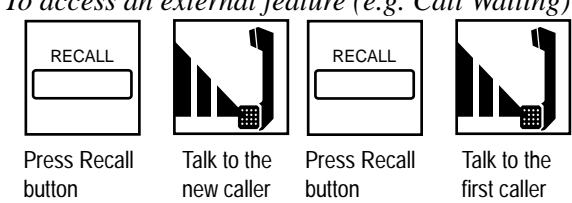


Off-hook Dial 740# On-hook

External Feature Access

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

To access an external feature (e.g. Call Waiting)



Press Recall button Talk to the new caller Press Recall button Talk to the first caller


Proprietary Telephone Features

Other Features (contd.)

Auto CO Hunting


Allows you to access an idle outside line automatically, when you go off-hook.

To set:


Off-hook

7
5
1
#

Dial 751#


On-hook


To cancel:

INTERCOM

Press INTERCOM button

7
5
0
#


Dial 750#


On-hook

- When this feature is set, press the INTERCOM button after going off-hook to have access to other features.

Intercom Alerting Mode

Allows you to switch voice calling to ring calling when making an intercom call. In Voice-Calling mode, you can talk to the other party immediately after a confirmation tone.


Off-hook

1

2

3

4

5

6

7

8

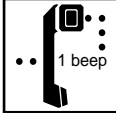
9

*

0

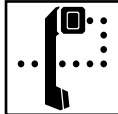
#

Dial extension no. or press DSS button


You hear confirmation tone

*

Press *


You hear ringback tone

- For programming, see page 28 of the Installation Manual.

Pulse to Tone Conversion

Allows you to change from Pulse to Tone mode so that you can access special services such as computer-accessed long distance.

To set:

1

2

3

4

5

6

7

8

9

*

0

#

Dial phone no. (Pulse mode)

*
#

Dial * and #

1

2

3

4

5

6

7

8

9

*

0

#


Dial phone no. (Tone mode)

Station Feature Clear

Allows you to reset the following station features to the default setting:


- Call Forwarding
- Data Line Security
- Call Pickup Deny
- Do Not Disturb
- Auto CO Hunting

To clear the setting:


Off-hook

7
9
#

Dial 79#


On-hook

Proprietary Telephone Features

Other Features (contd.)

Time Setting (extension 21 only)

Sets the current time.

Off-hook

Dial 77

Enter hour (01 through 12)

Enter minute (00 through 59)

Dial 0 (AM) or 1 (PM)

Dial #

- The clock starts immediately after pressing #.

Date Setting (extension 21 only)

Sets the current date.

Off-hook

Dial 76

Enter year (2 digits)

Enter month (01 through 12)

Enter day (01 through 31)

Enter day of the week (1 (Sun.) through 7 (Sat.))

Dial #

Flexible Night Service (extension 21 only)

This system supports both the DAY and NIGHT modes of operation. The system operation for originating and receiving calls can be different in night and day modes. “Flexible Night Service” can only be set by the extension 21.

To set the night mode:

Off-hook

Dial 782#

On-hook

To return to the day mode:

Off-hook

Dial 781#

On-hook

Confirming the current mode (with a display PT only):

Dial #

Proprietary Telephone Features

Station Programming

Station Programming allows you to program a certain feature from your telephone individually. You need to switch your telephone to the station programming mode for programming. During programming mode, your telephone is in the busy condition to all callers. If you want to make a normal call handling operation, you should finish the programming mode.

To enter into the Station Programming mode:

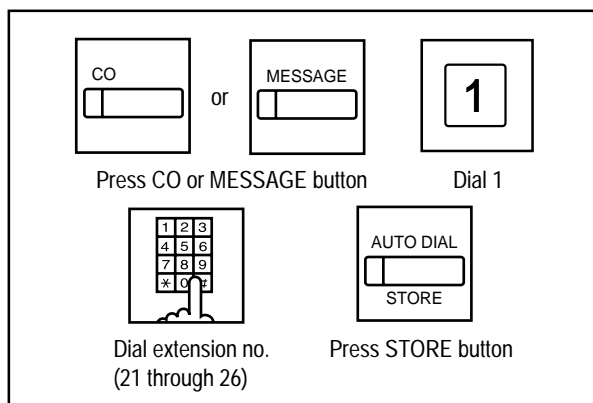
1. Set the **MEMORY** switch on your telephone to "**PROGRAM**".
 - Make sure the handset is on the cradle and the SP-PHONE button is off.

Flexible Button Assignment

CO and MESSAGE buttons on your telephone can be assigned as a Direct Station Selection (DSS), One-Touch Dialling button or One Touch Access for System Features. Programmable Feature (PF) buttons can be assigned as a One-touch Dialling button or One Touch Access for System Features.

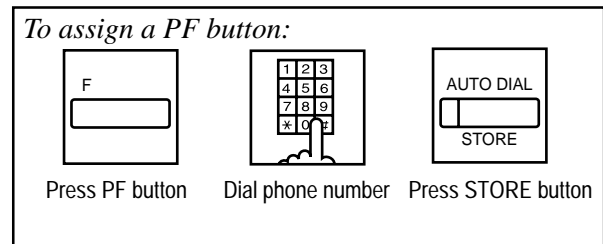
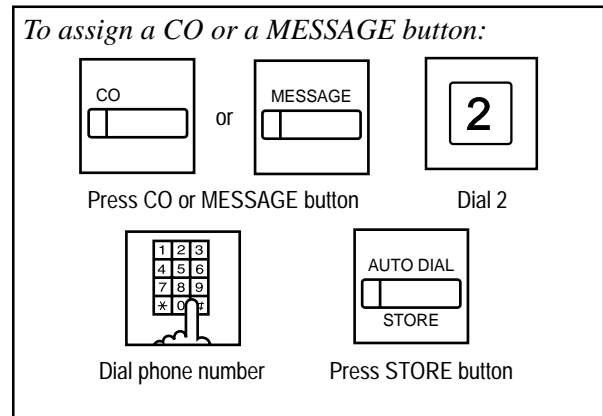
Direct Station Selection (DSS) Button Assignment

Allows you to assign a flexible (CO and MESSAGE) button as a DSS button.



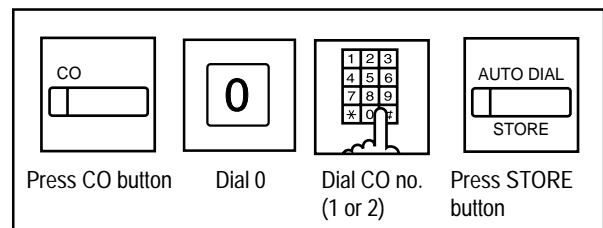
One-Touch Dialling Button Assignment

Allows you to assign a flexible button as a One-Touch Dialling button. Make sure to enter line access code (9 or 0, 81 or 82) first.



Flexible CO button Assignment

CO buttons can be changed to the other CO number.



To exit the programming mode:

Set the MEMORY switch to "SET".

Single Line Telephone Features

Making Calls

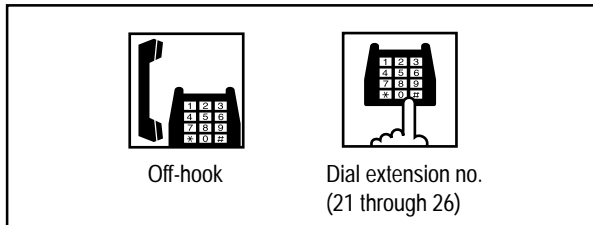
<NOTE>

Off-hook: Lift the handset.

On-hook: Replace the handset.

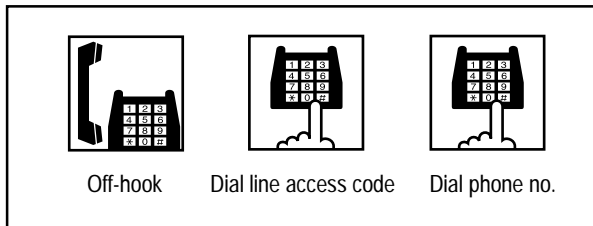
Intercom Calling

Allows you to make a call to another extension.



Outward Dialling

Allows you to make a call to an outside party.



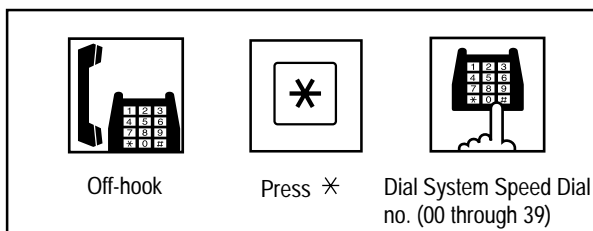
Line access code

- Automatic Line Access code: 9 or 0 (depending on the system program)
See page 28 of the Installation Manual.
- Individual Line Access code:
81 (CO line 1) or 82 (CO line 2)

System Speed Dialling

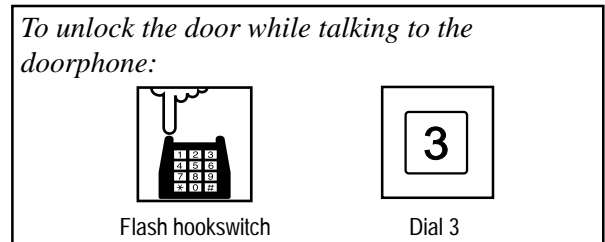
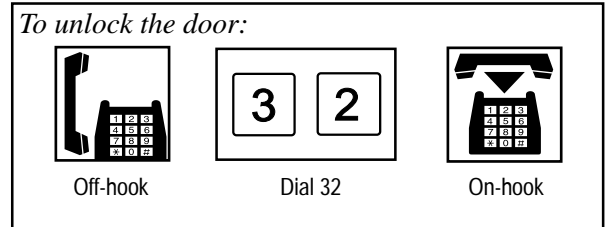
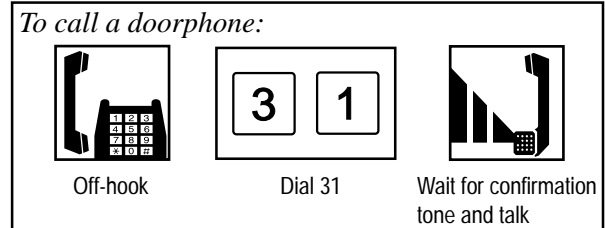
Allows you to make outside calls using previously programmed speed dial numbers .

This system supports eighty speed dial numbers which are available to all extension users.



Doorphone

Allows you to have a conversation with a visitor at your door.

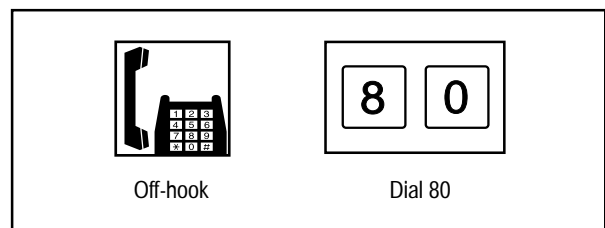


- You can unlock the door for programmed time.

When a Line is Busy

Last Number Redial

Allows you to automatically re-enter the last outside number dialled.



Single Line Telephone Features

Receiving Calls

Answer



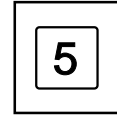
Off-hook

Call Hold Retrieve

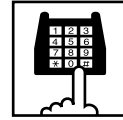
Allows you to receive a call that has been placed on hold by another extension.



Off-hook



Dial 5



Dial CO Line no.
(81 or 82)

Call Pickup

Allows you to answer a call that is ringing at another telephone.



Off-hook

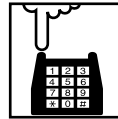


Dial 40

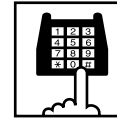
Call Transfer

Allows you to perform a Screened or Unscreened Call Transfer to another extension.

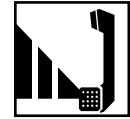
To set the screened call transfer feature:



Flash hookswitch



Dial extension no.
of destination



Wait for answer
and announce



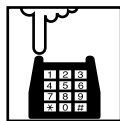
On-hook

While Having a Conversation

Call Hold

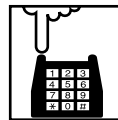
Allows you to place an intercom or outside call on hold.

To place a call on hold:

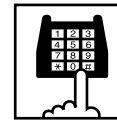


Flash hookswitch

To set the unscreened call transfer feature:



Flash hookswitch



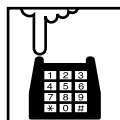
Dial extension no.
of destination



On-hook

- Depending on the system program, you may have to dial “6” after flashing the hookswitch. For programming, see page 28 of the Installation Manual.

To retrieve a call on hold:



Flash hookswitch

To retrieve the call when the transferred call is not answered within 30 seconds and returned to you:



Off-hook

- For programming the hold recall time, see page 28 of the Installation Manual.

Single Line Telephone Features

While Having a Conversation (contd.)

Call Waiting

During a conversation, a Call Waiting tone signals that there is a call waiting. You can respond to the waiting call by disconnecting from the first call or by placing the first call on hold.

To talk to the new party by terminating the current call:



On-hook



Off-hook

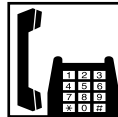
To talk to the new party by holding the current call:



Flash hookswitch



On-hook



Off-hook



Talk to the new party

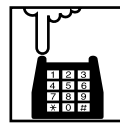
To leave the conference:



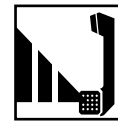
On-hook

- The other two parties can continue their conversation if they are not both CO lines.

To hold one party and talk to the other:



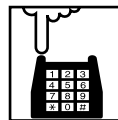
Flash hookswitch



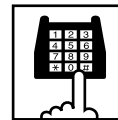
Talk to the other party

Call Splitting

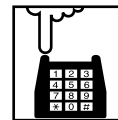
Allows you to have two callers on a line and alternate between them. You can place the current call on hold and have a conversation with the other party.



Flash hookswitch



Dial the second party and talk



Flash hookswitch



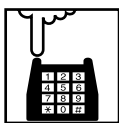
Talk to the first party

- Flashing the hookswitch alternates between the callers.
- When you go on-hook, the other two parties remain on-line.

Conference

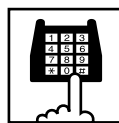
Allows you to add a third party to a two-party conversation and make a three-party conference. You can have the following combination of calls on the line: three extensions, two extensions and one CO line, or one extension and two CO lines.

To establish a conference:



Flash hookswitch

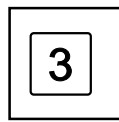
- The current party is placed on hold.



Dial extension no. of the third party



Flash hookswitch again after the third party answers



Dial 3

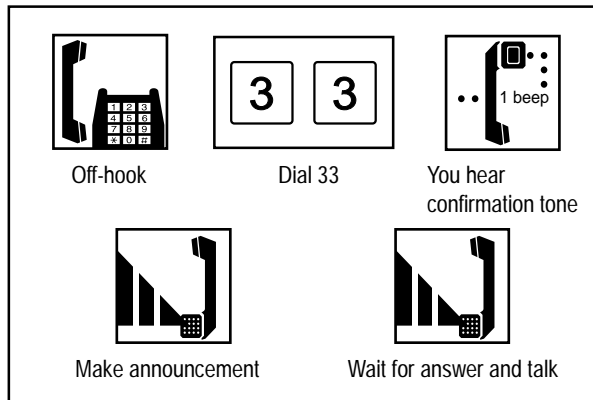
Single Line Telephone Features

Paging Features

The Paging features allow you to make a voice announcement to several persons at the same time. Your message is announced over the built-in speaker of proprietary telephone. The paged person can answer your page from a nearby telephone.

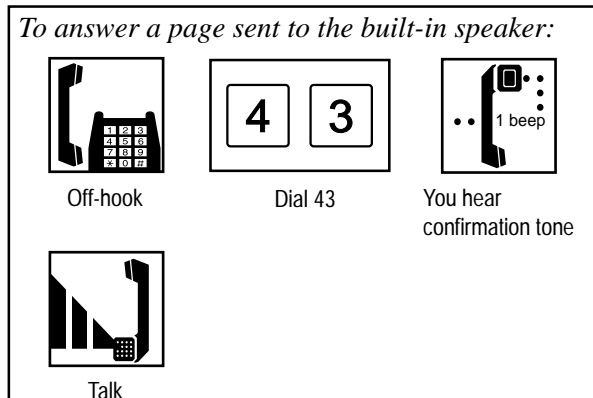
Paging All Extensions

Allows you to make a voice announcement to all extensions. Your message is announced over the built-in speaker of the proprietary telephones.



Paging-Answer

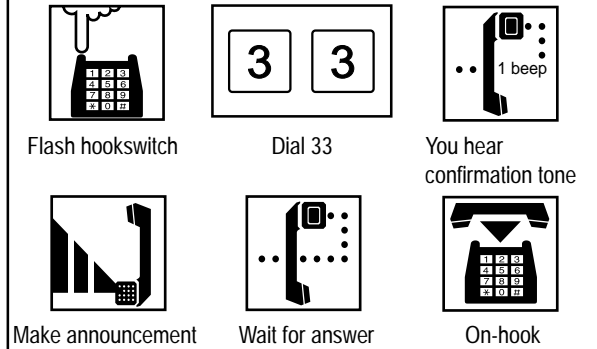
Allows you to answer an announced page at any extension within the system.



Paging and Transfer

Allows you to transfer a call using the Paging to Extension 21 feature.

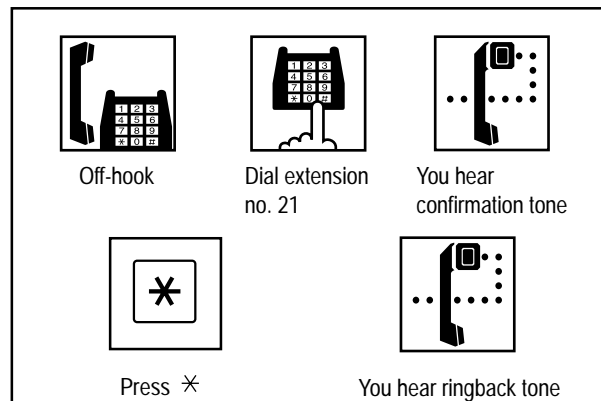
To transfer a call:



Other Features

Intercom Alerting Mode

Allows you to switch voice calling to ring calling when making an intercom call. In Voice-Calling mode, you can talk to the other party immediately after the confirmation tone.



- For programming, see page 28 of the Installation Manual.

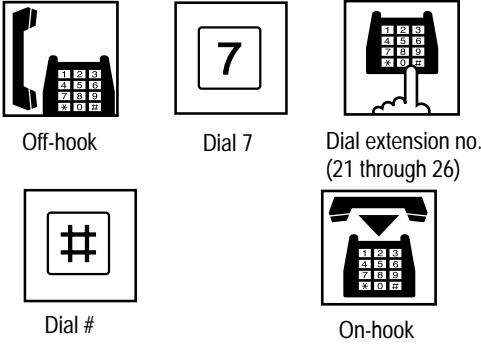
Single Line Telephone Features

Other Features (contd.)

Call Forwarding

You can redirect all of your calls to another extension.

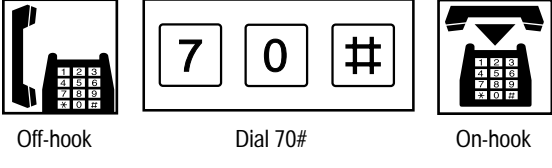
To set:



Off-hook Dial 7 Dial extension no.
(21 through 26)

Dial # On-hook

To cancel:



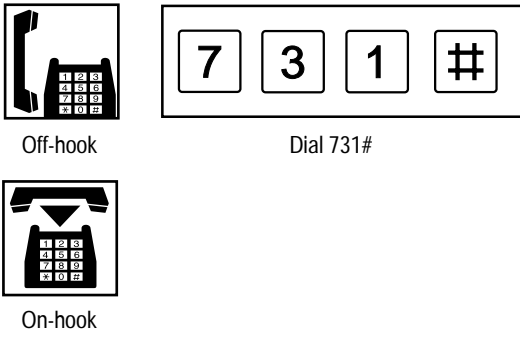
Off-hook Dial 70# On-hook

- You may dial “0” instead of “#”.

Call Pickup Deny

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

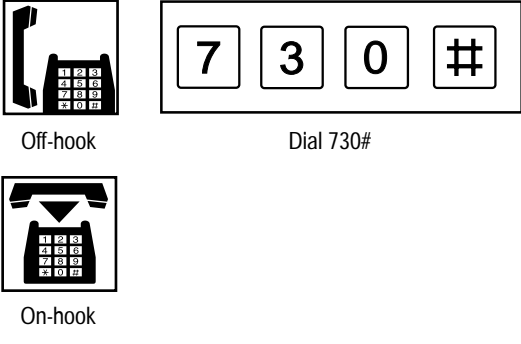
To set:



Off-hook Dial 731#

On-hook

To cancel:



Off-hook Dial 730#

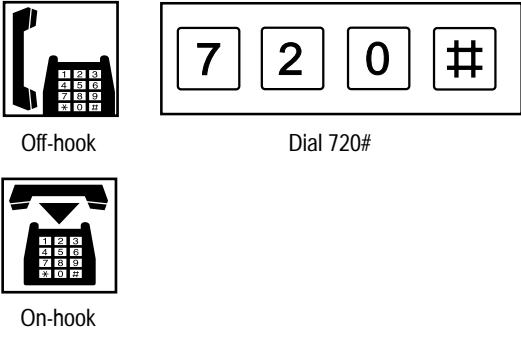
On-hook

- You may dial “0” instead of “#”.

Do Not Disturb (DND)

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

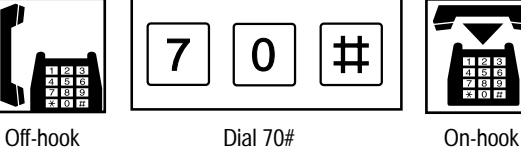
To set:



Off-hook Dial 720#

On-hook

To cancel:



Off-hook Dial 70# On-hook

- You may dial “0” instead of “#”.


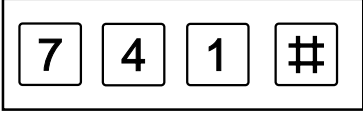

Single Line Telephone Features

Other Features (contd.)


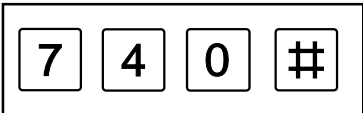

Data Line Security

Your extension is protected against interruptions from “Call Waiting”, “Hold Alarm”, and “Executive Busy Override” features. Data communication devices, such as computers and facsimiles, will operate as usual.

To set the data line security feature:

	
Off-hook	Dial 741#
	
On-hook	

To cancel the feature:

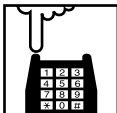
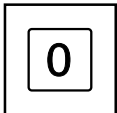

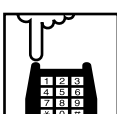
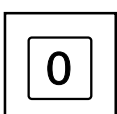

	
Off-hook	Dial 740#
	
On-hook	

- You may dial “0” instead of “#”.

External Feature Access

Allows you to access special features (e.g. Call Waiting) offered by a host PBX or Central Office. This feature is effective only during an outside call.

To access an external feature (e.g. Call Waiting):


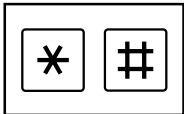

		
Flash hookswitch	Dial 0	Talk to the new caller
		
Flash hookswitch	Dial 0	Talk to the first caller

- If the CO Line Access Number Selection is assigned “0”, the external feature access number becomes “9”. For programming, see page 28 of the Installation Manual.

Pulse to Tone Conversion

Allows you to change from Pulse to Tone mode so that you can access special services such as computer-accessed long distance.

To set:


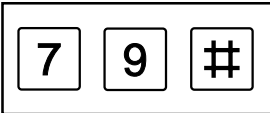

		
Dial phone no. (Pulse mode)	Dial * and #	Dial phone no. (Tone mode)

Station Feature Clear

Allows you to reset the following station features to the default setting:

- Call Forwarding
- Call Pickup Deny
- Data Line Security
- Do Not Disturb

To clear the setting:

		
Off-hook	Dial 79#	On-hook

- You may dial “0” instead of “#”.

Single Line Telephone Features

Other Features (contd.)

Time Setting (extension 21 only)

Sets the current time.

Off-hook

Dial 77

Enter hour (01 through 12)

Enter minute (00 through 59)

Dial 0 (AM) or 1 (PM)

Dial #

- The clock starts immediately after pressing #.

Date Setting (extension 21 only)

Sets the current date.

Off-hook

Dial 76

Enter year (2 digits)

Enter month (01 through 12)

Enter day (01 through 31)

Enter day of the week (1 (Sun.) through 7 (Sat.))

Dial #

Flexible Night Service (extension 21 only)

This system supports both the DAY and NIGHT modes of operation. The system operation for originating and receiving calls can be different in night and day modes.

To set the night mode:

Off-hook

Dial 782#

On-hook

To return to the day mode:

Off-hook

Dial 781#

On-hook

Feature Number List

Feature	Number
Auto CO Hunting Set/Cancel (for PT)	751#/750#
Call Forwarding Set/Cancel	7 + extension number + #/70 + #
Call Hold Retrieve	5 + CO number or extension number
Call Pickup	40
Call Pickup Deny Set/Cancel	731#/730#
Conference	3
Data Line Security Set/Cancel	741#/740#
Date Setting	76 + Year + Month + Day + Day of the week + #
Do Not Disturb Set/Cancel	720 + #/70 + #
Doorphone Calling/Unlock	31/32
/Unlock during talking or calling	3
Extension Calling	21 through 26
Flexible Night Service set/day mode	782#/781#
Intercom Alerting Mode	*
Line Access, Automatic	9 or 0 (depending on the system program)
Line Access, Individual	81 and 82
Paging All Extensions	33
Paging-Answer	43
Redial, Last Number (for SLT)	80
Station Feature Clear	79#
System Speed Dialling (for SLT)	*00 through *39
Time Setting	77 + Hour + Minute + 0 (AM)/1 (PM) + #

Note

- You can enter "0" instead of "#" except with Auto CO Hunting, Date Setting, Flexible Night Service and Time Setting.

The Indication of Indicators

The indicators of CO or INTERCOM buttons on the proprietary telephone inform the line conditions with a variety of lighting patterns. This allows you to check which lines are idle or in use at a glance.

INTERCOM button	Intercom Line Condition
Off	Idle
Green On	Intercom call established
Green slow flash	Intercom call hold
Green rapid flash	Incoming intercom/ doorphone call

CO button	CO Line Condition
Off	Idle
Green On	I-use
Green slow flash	I-hold
Red On	Other-use
Red slow flash	Other-hold
Red rapid flash	Incoming call



73/23/EEC
89/336/EEC
92/31/EEC
93/68/EEC

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Panasonic House, Willoughby Road, Bracknell,
Berkshire RG12 4FP

Printed in Japan

PSQX1142ZA KW0397KM0