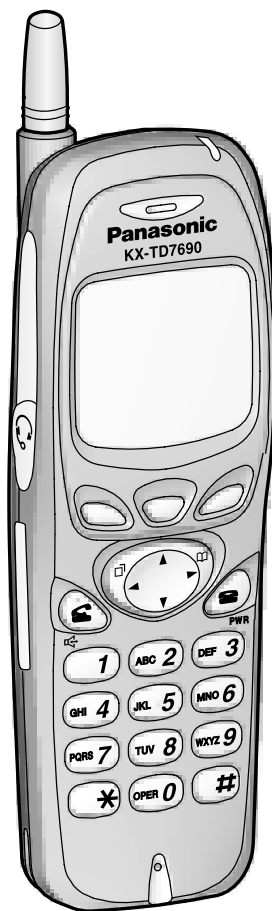


Panasonic

2.4 GHz Portable Station

Operating Instructions

Model No. **KX-TD7690**



Please read this Operating Instructions before using and save for future reference.

This manual is designed to be used with your Portable Station and a Panasonic KX-TDA200/KX-TDA100.

Charge the battery for about 6 hours before initial use.

Before Initial Use

Thank you for purchasing a Panasonic 2.4 GHz Portable Station. Please read IMPORTANT SAFETY INSTRUCTIONS on page 40 before use. Read and understand all instructions.

◆ **Registration**

You must register your PS to the system and determine its extension number before initial use. For PS registration, consult your dealer.

Accessories (included) For extra orders, call toll free **1-800-332-5368**.

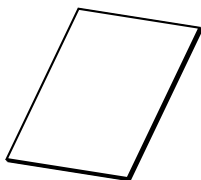
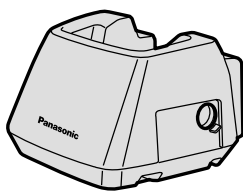
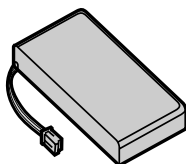
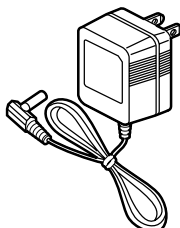
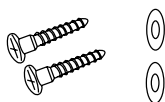
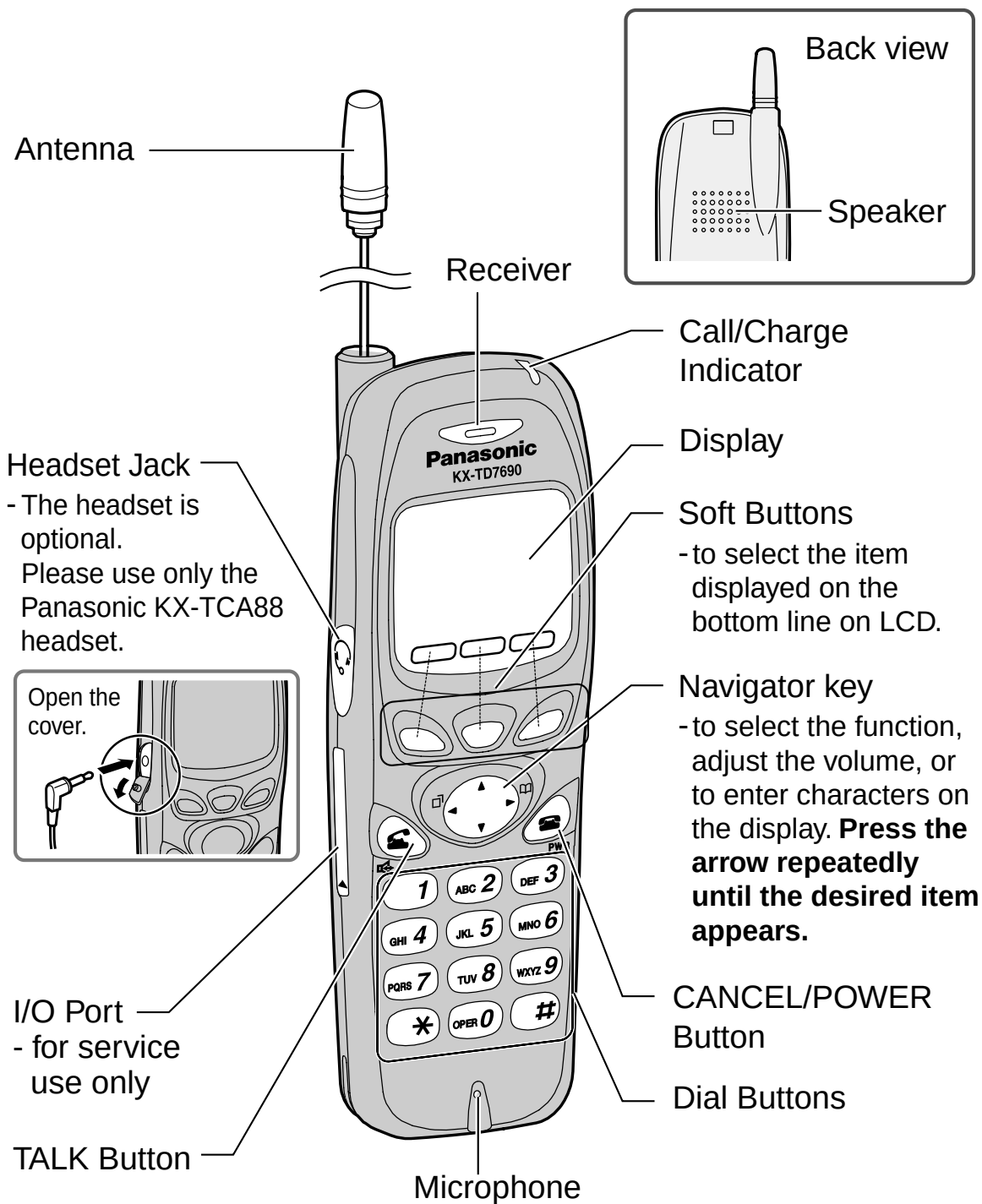
☐ Operating Instructions  One	☐ Charger  One	
☐ Battery  One	☐ AC adaptor (KX-TCA1-DK)  One	☐ Screws and Washers  Two

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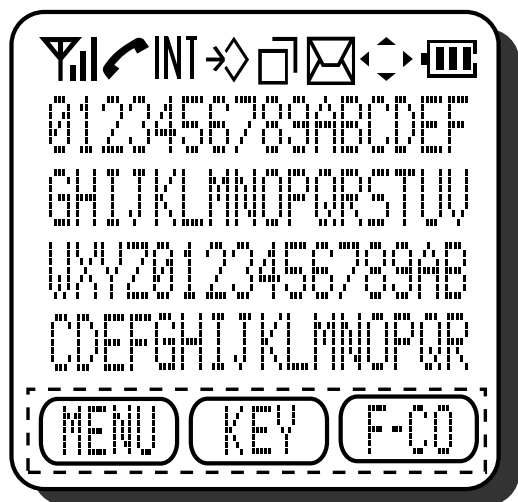
Before Operating the PS

◆◆ Location of Controls

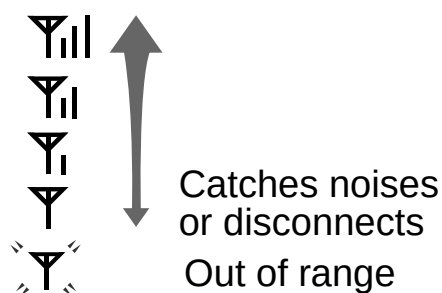


Before Operating the PS

Display



 **<Radio Signal Strength>***



 **<Off-hook Status>**

INT **<Off-hook Status for Intercom calls>**

 **<Programming Mode>**

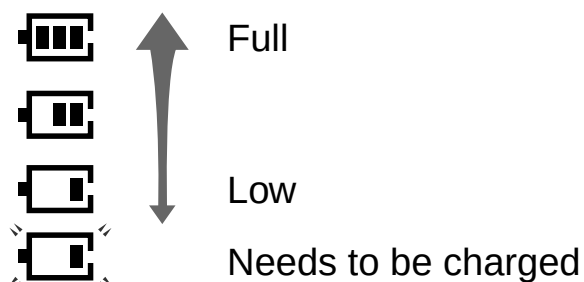
 **<Incoming Call Log notification>**

 **<Message Waiting>**

 **<Navigator>**

When using the navigator key, only the displayed arrows can be pressed.

 **<Battery Strength>***



   **<Soft Key Display>**

The display depends on the operation. Press the corresponding soft button to select the item.

<Others>

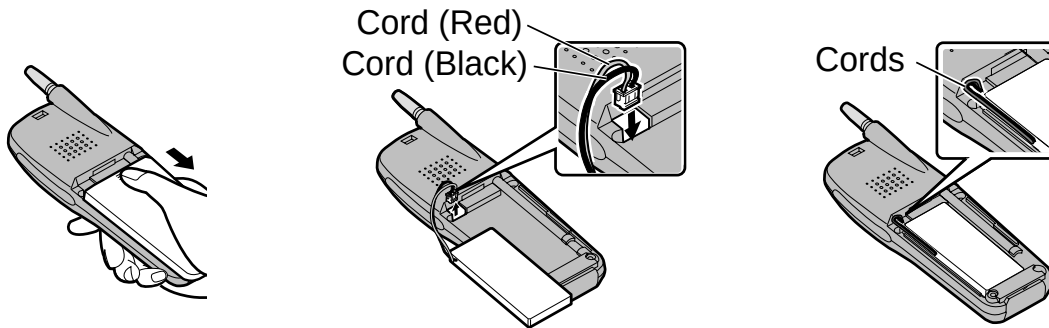
-  RINGER ON & VIB OFF
-  RINGER ON & VIB ON
-  RINGER OFF & VIB ON
-  RINGER OFF & VIB OFF
-  MEETING MODE
-  FWD
-  DND

* When you are out of range or the battery strength becomes low, the beep tone sounds.

Before Operating the PS

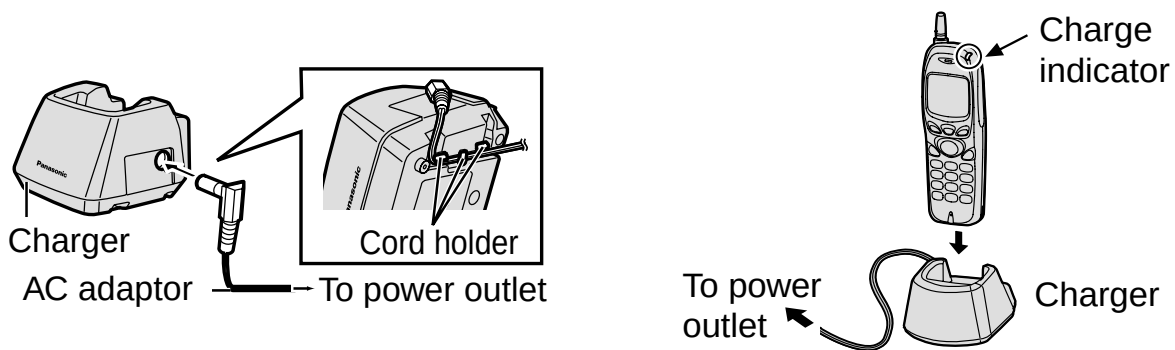
Setting Up

- 1 Open the battery cover.
- 2 Connect the cord and install the battery.
- 3 Close the cover.



Charging

- 1 Connect the charger to a power outlet using the AC adaptor.
- 2 Charge the battery for about 6 hours.



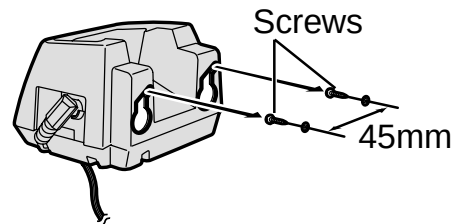
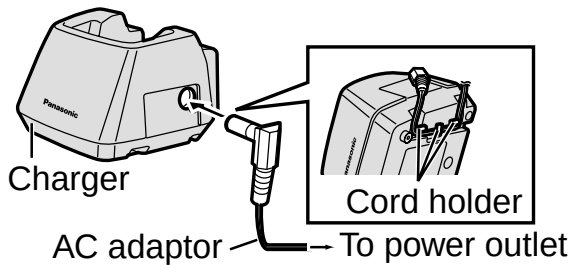
- When charge is completed, the charge indicator will change from red to green. Refer to "Battery Information" on page 39.
- The PS and charger get warm during charging. This is normal and not dangerous.
- Keep magnetically sensitive things (such as a credit card) away from the charger.

Before Operating the PS

◆◆ Wall Mounting

The charger can be mounted on a wall.

- 1 Connect the charger to a power outlet using the AC adaptor.
- 2 Drive screws in using the wall template below.

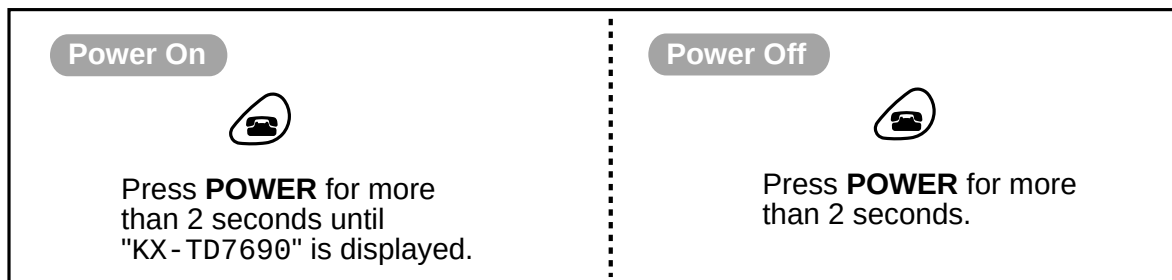


- 3 Mount the charger securely on the screws.



Before Operating the PS

◆◆ Power On/Off

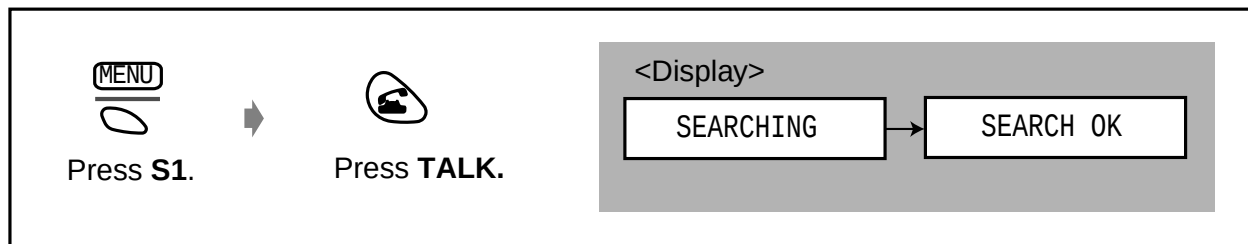


- If the following display appears, consult your dealer.

NEED REPAIR
N

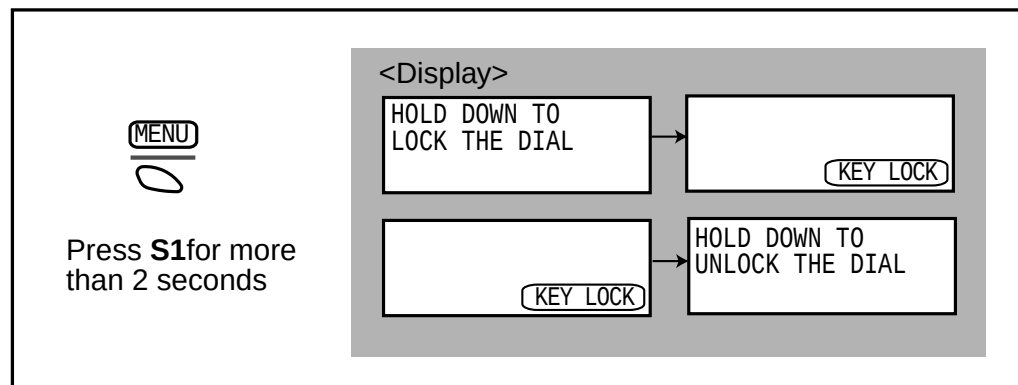
◆◆ Wave Search

You can search the best cell station while in stand-by mode.



◆◆ Locking the Keypads

You can lock the dialing buttons.



Before Operating the PS

◆◆ Ringer Volume Adjustment

While in stand-by mode or receiving a call, press  repeatedly.
(Default :  high)

Button	Ringer Volume	Display	Icon
 	High	RINGER 	
	Medium	RINGER 	
	Low	RINGER 	
	Gradually turns higher • Low→Medium→High	RINGER STEP UP	
	Gradually turns lower • High→Medium→Low	RINGER STEP DOWN	
	Vibration only	VIBRATION ON RINGER OFF	
	• Vibration only • Key tone off • Microphone volume high	MEETING MODE	
	Key tone only	VIBRATION OFF RINGER OFF	

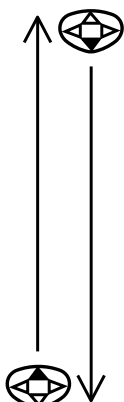


- Hold down  to set “VIBRATION OFF RINGER OFF”.
- If Key Tone is set to “OFF”, the ring tone does not sound while adjusting the volume.
- While charging, the PS rings for incoming calls (except in “MEETING MODE” and “VIBRATION OFF RINGER OFF”).
- If you press  while in stand-by mode, the ring tone does not sound for confirmation.
- Vibration & Ring setting is also available (see page 32).

Before Operating the PS

◆◆ Receiver Volume Adjustment

During a conversation or in off-hook status, press  repeatedly.
(Default :  medium)

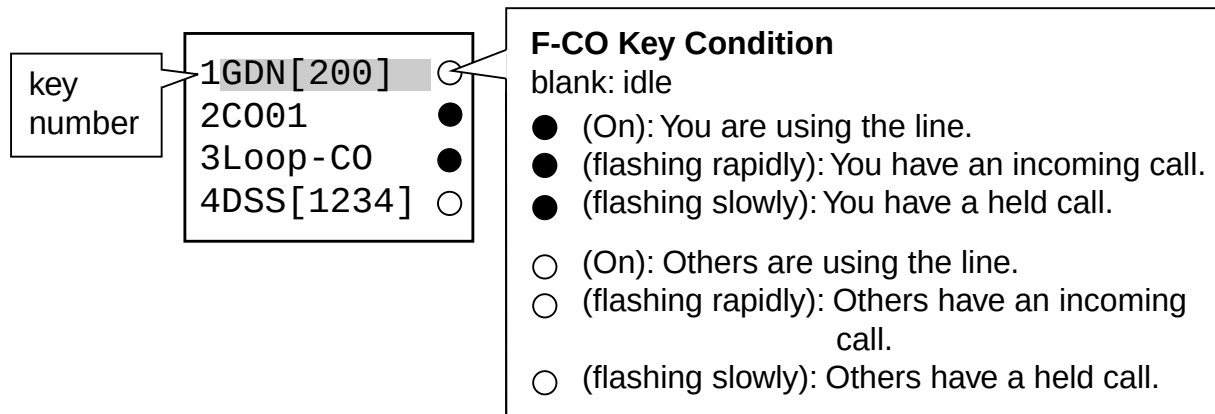
Button	Receiver Volume	Display	
		Handset	Handsfree / Monitor
	Extra High	RECEIVER 	SP-PHONE 
	High	RECEIVER 	SP-PHONE 
	Medium	RECEIVER 	SP-PHONE 
	Low	RECEIVER 	SP-PHONE 



- You can change the receiver volume in handset, handsfree or monitor mode conversation. Press  to select the mode, and follow the operation above (see page 19).

Before Operating the PS

◆◆ F-CO Key Display Example



◆◆ Key Menu

The following keys can be activated using a display operation.

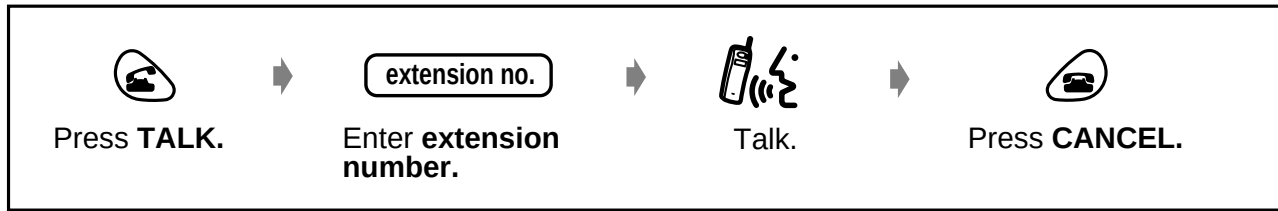
Key no. (default)	Key	Description
1	ICM	Used to make or receive intercom calls.
2	PAUSE	Used to insert a pause between numbers.
3	TRANSFER	Used to transfer a call to another extension.
4	HOLD	Used to place a call on hold.
5	FWD/DND	Used to set the Call Forwarding or Do Not Disturb features.
6	MESSAGE	Used to leave a message to the called party or call back the message sender.
7	FLASH(RECALL)	Used to disconnect a current call and make another call without hanging up.
8	AUTO ANSWER	Used to answer an incoming call automatically.
	CONFERENCE	Used to establish a multiple-party conversation.
	TONE	Used to change the dialing mode to tone temporarily.



- You can change the key menu assignment (see page 38).

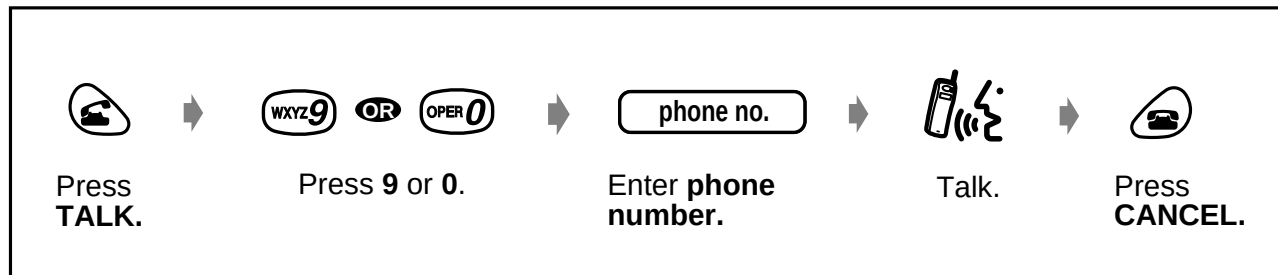
Making Calls

◆◆ Calling Another Extension

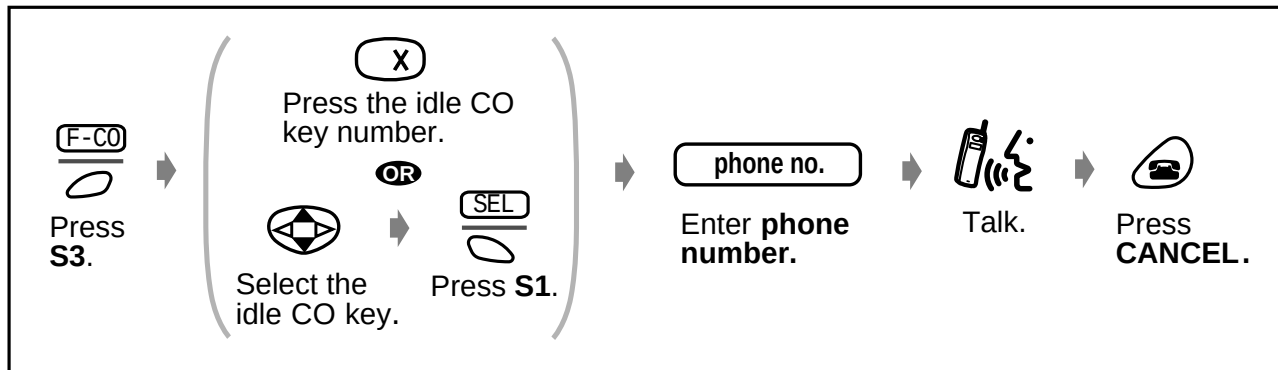


◆◆ Calling an External Party

◆ Using automatic line access number / outside line numbers

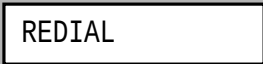
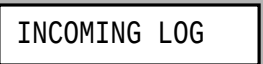


◆ Using Flexible CO buttons



- You can go off-hook after confirming the number you dialed (**Predialing**).
- If you misdial, press **CLR** to clear each number, and enter the new one.
- To clear an entire number, hold down **CLR**.
- If “**▼**” flashes, move towards the Cell Station and try again.

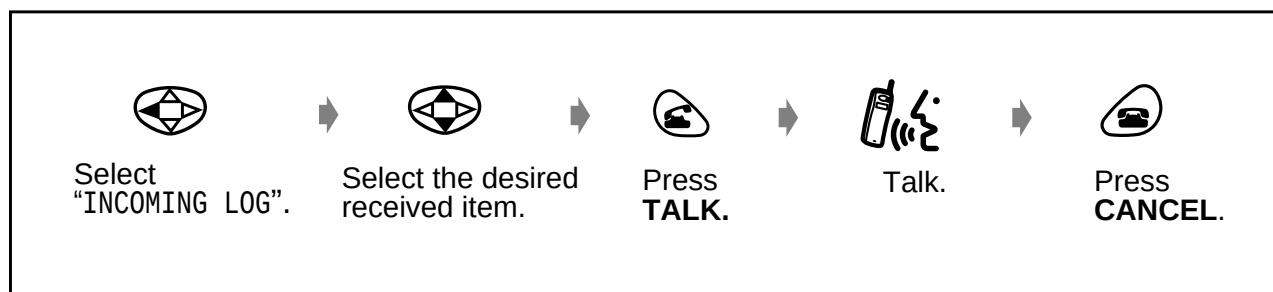
◆◆ Using the Call Log

Function	Display	Description
Outgoing Call Log		You can make a call using the phone numbers you have dialed.
Incoming Call Log		You can make a call using the outside line phone numbers you have received.

◆ Using the outgoing call log



◆ Using the incoming call log



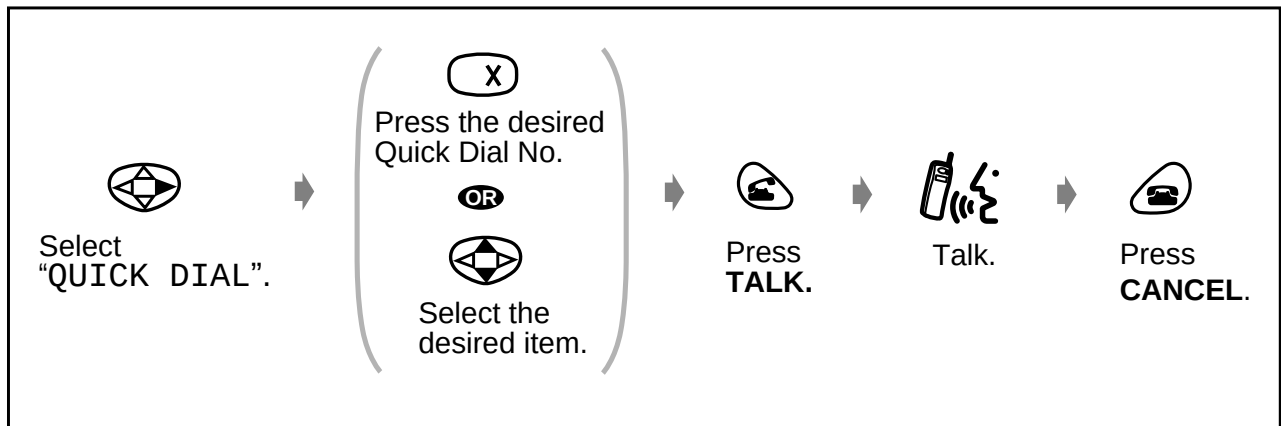
- If the dialed or received outside line phone number is stored in the PS Dialing Directory, the name will be displayed.
- You can store the logged number in the PS Dialing Directory (see page 24).

Making Calls

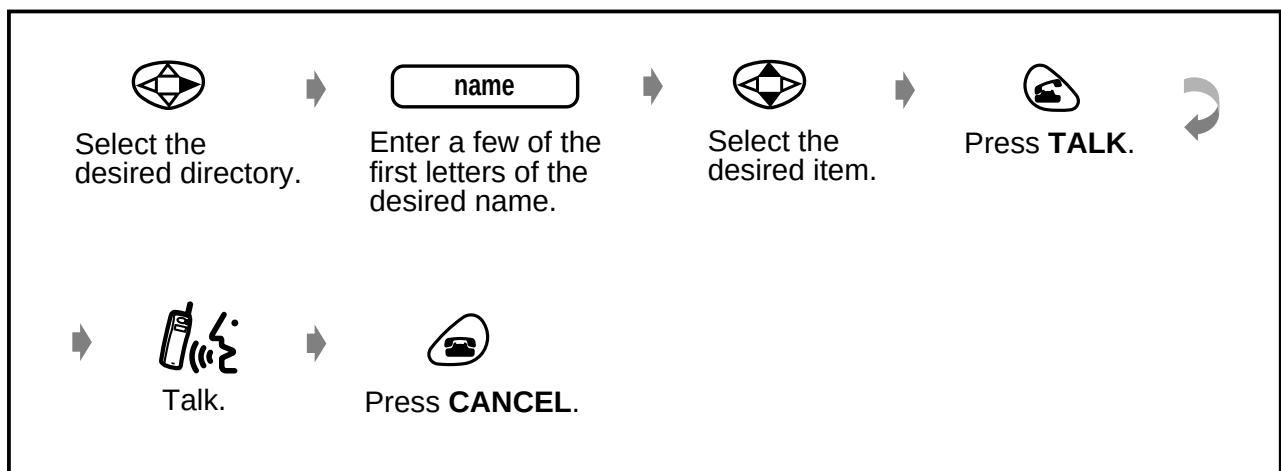
◆◆ Making Calls Using the Directories

Function	Display	Description
Quick Dial	QUICK DIAL	You can make a call using the names and phone numbers stored in the PS.
PS Dialing Directory	PS-DIALING	You can make a call using the names and phone numbers of outside parties stored in the PS.
PBX System Speed Dialing Directory	PBX-SYS-DIALING	You can make a call using the names and phone numbers stored in the system.
PBX Extension Dialing Directory	PBX-EXT-DIALING	You can make a call using the extension names and numbers stored in the system.

◆ Quick dial



◆ PS dialing directory / PBX system speed dialing directory / PBX extension dialing directory



- You can search the desired item quickly by holding down  (**Quick Search**).
- To enter characters, refer to pages 25 and 26.

Receiving Calls

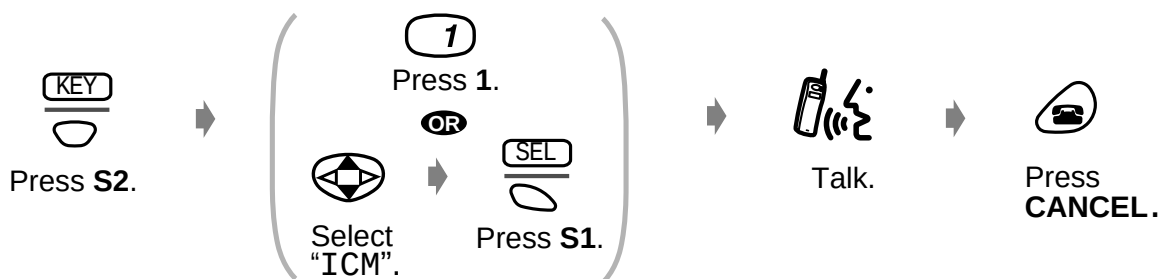
◆◆ Intercom Calls/Outside Calls/Group Calls

While receiving a call

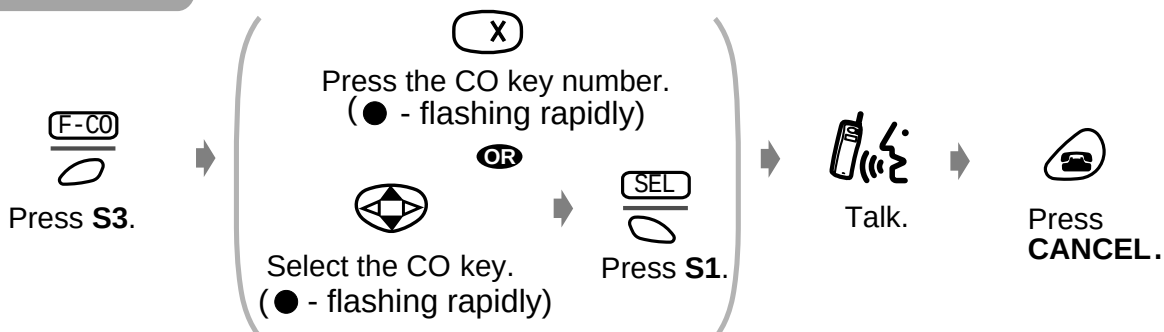
Intercom Calls / Outside Calls / Group Calls



Intercom Calls / Group Calls



Outside Calls

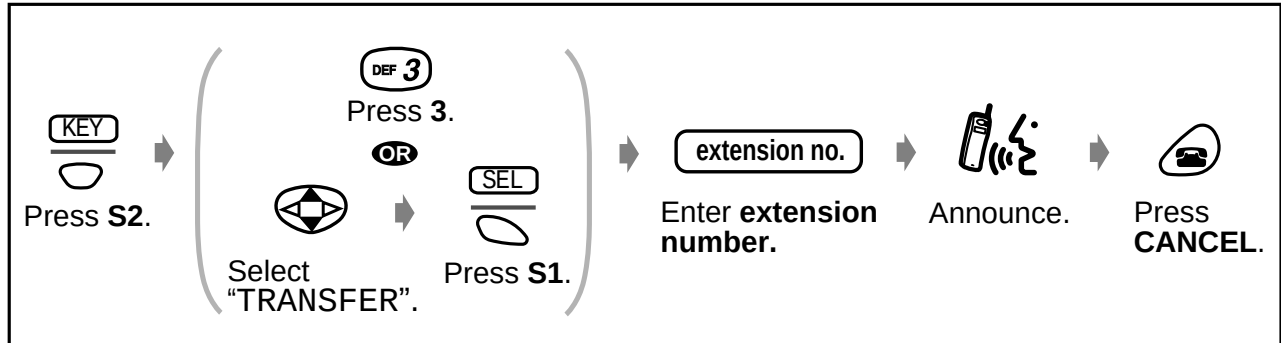


- You can turn off the ringer and vibration by pressing  while receiving a call.
- The receiving call's name and number will be displayed if they are stored in the PS.
- You can also answer a call with:
 - **Any Key Answer** (see page 34.)
 - **Auto Answer** (see page 32.)
 - **Quick Answer** (see page 32.)

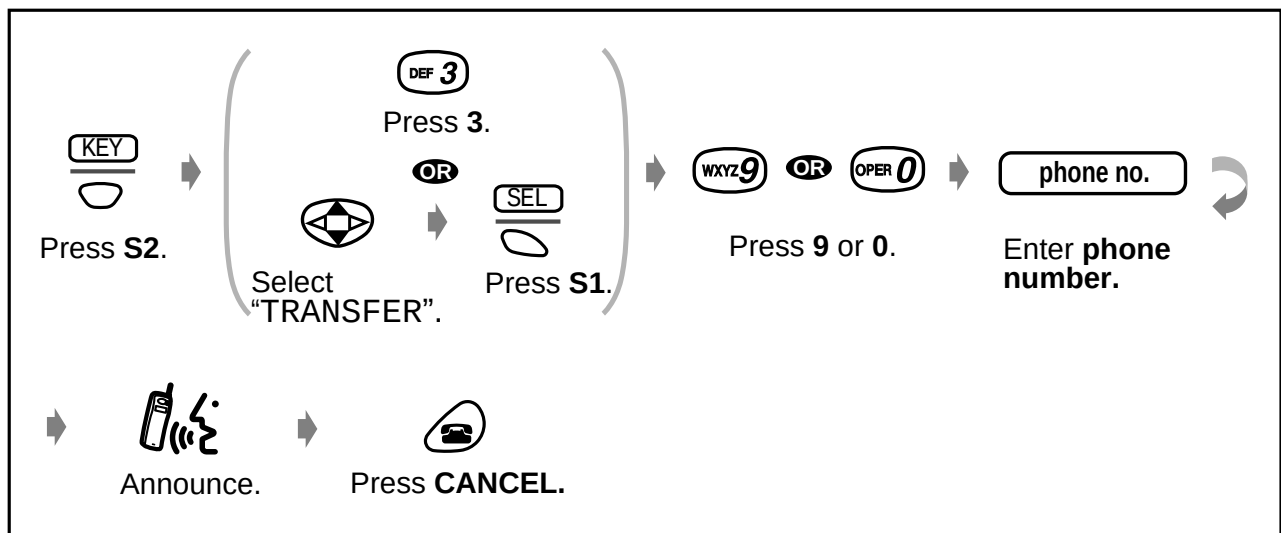
During a Conversation

◆◆ Transferring a Call

◆ Transferring to an extension



◆ Transferring to an external party

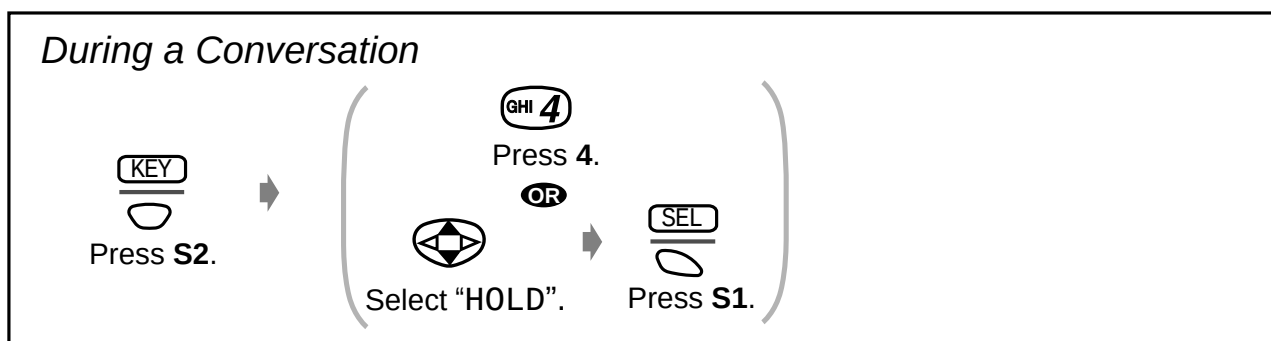


- To return to the held call before the destination answers, select the "TRANSFER" key / the corresponding CO key / "ICM" key.

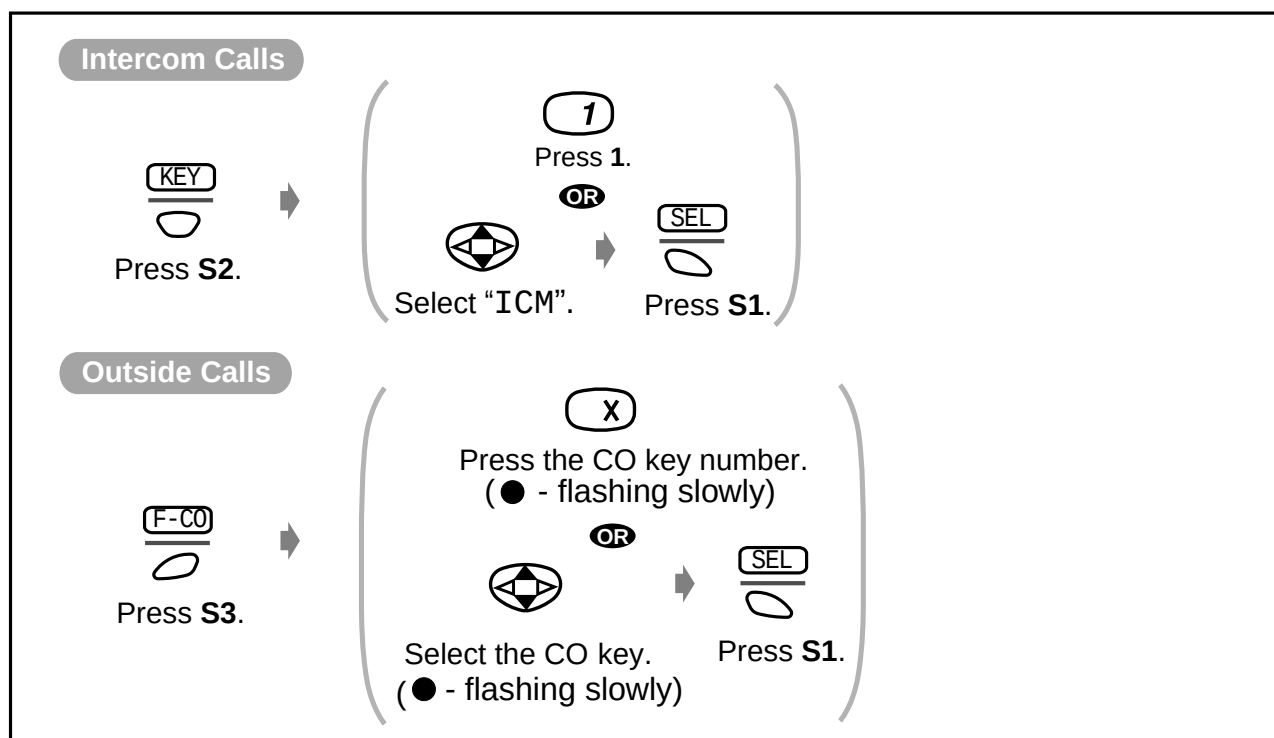
During a Conversation

◆◆ Holding

◆ To hold



◆ To retrieve a call

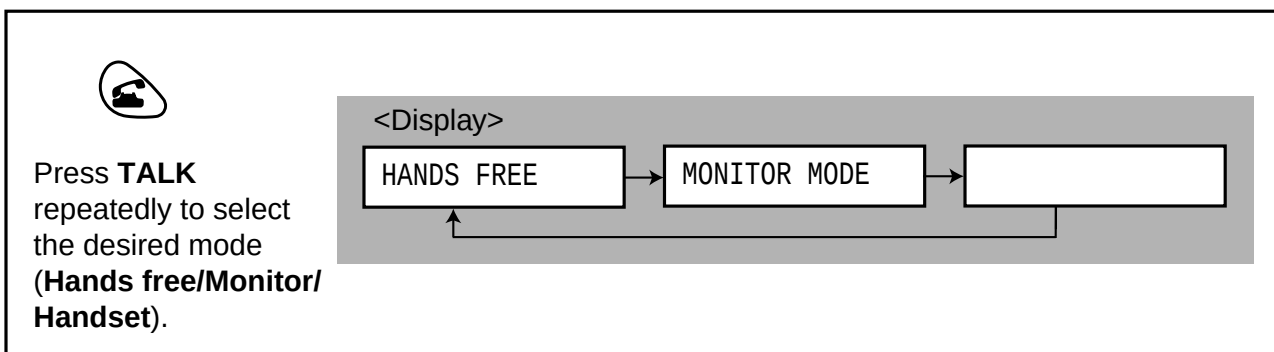


- You can hold a call exclusively not to make other people retrieve your held call. Consult your dealer for more details.

During a Conversation

◆◆ Handsfree/Monitor Conversation

Function	Display	Description
Hands Free	HANDS FREE	You can talk with the calling party alternately in handsfree.
Monitor	MONITOR MODE	You can monitor the calling party's voice in handsfree. Your voice can not be heard.



- The receiver volume level while in handsfree / monitor conversation can be adjusted separately (see page 10).
- If the headset is set while in handsfree / monitor conversation, the mode will be cancelled automatically.
- If you put the PS on the charger, only the handsfree / monitor conversation can be continued.

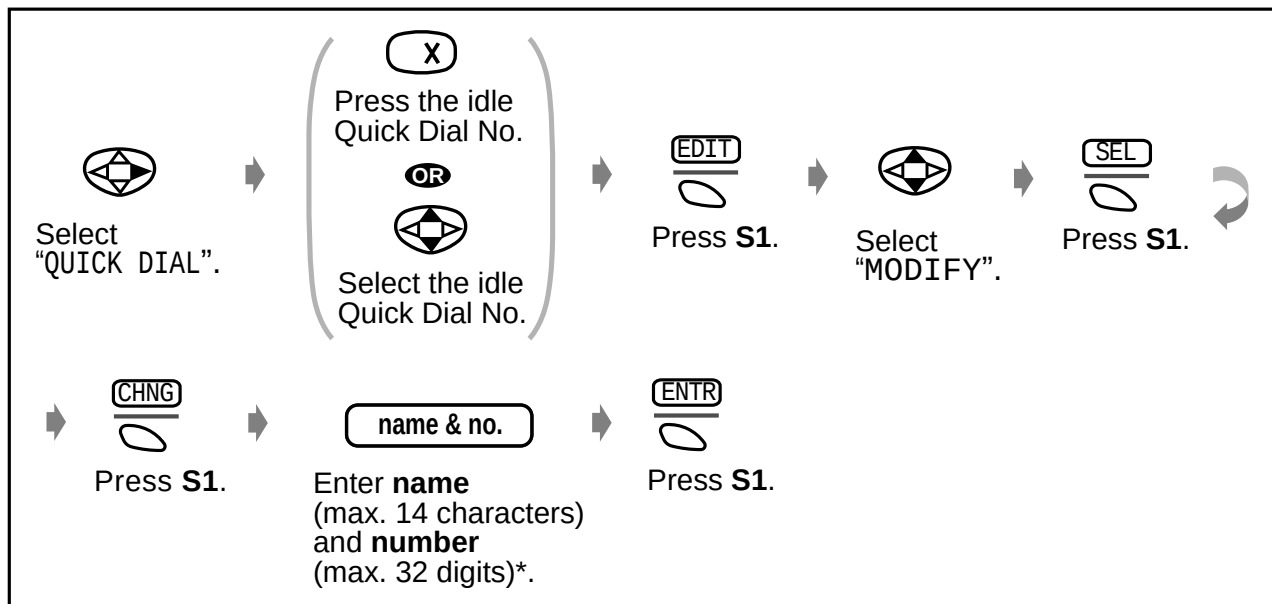
Using the Directory

Directories

Function	Display	Description
Quick Dial		You can store names and phone numbers, feature names and numbers for PBX (10 items max.).
PS Dialing Directory		You can store names, phone numbers and group numbers in the PS (100 items max.). All directory items are stored in alphabetical order.

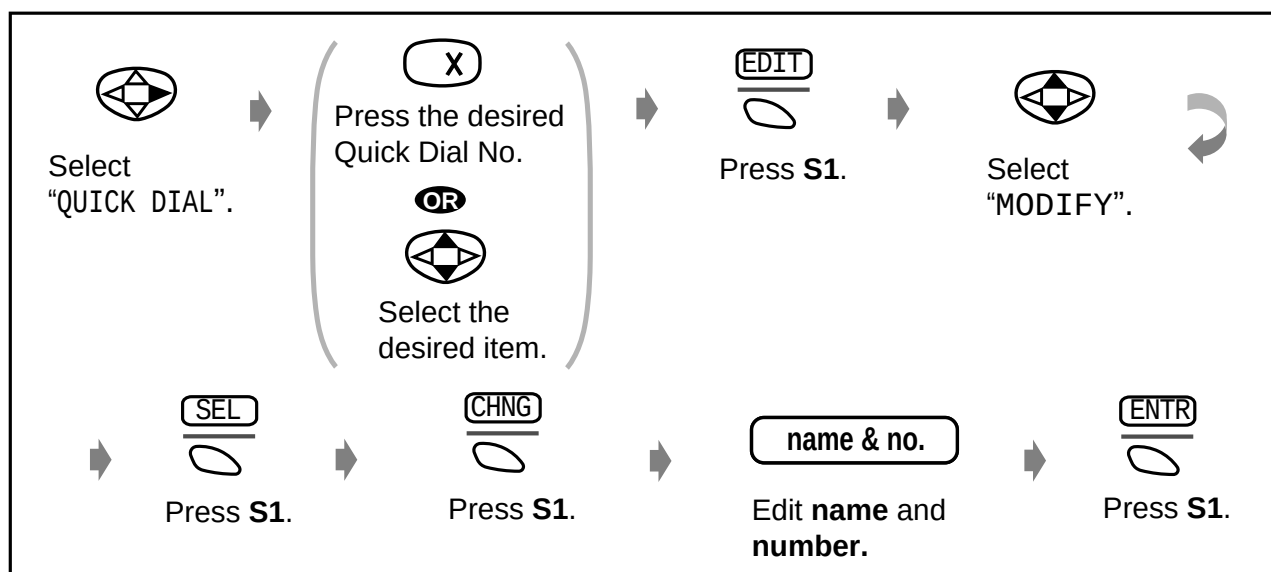
Quick Dial

Storing

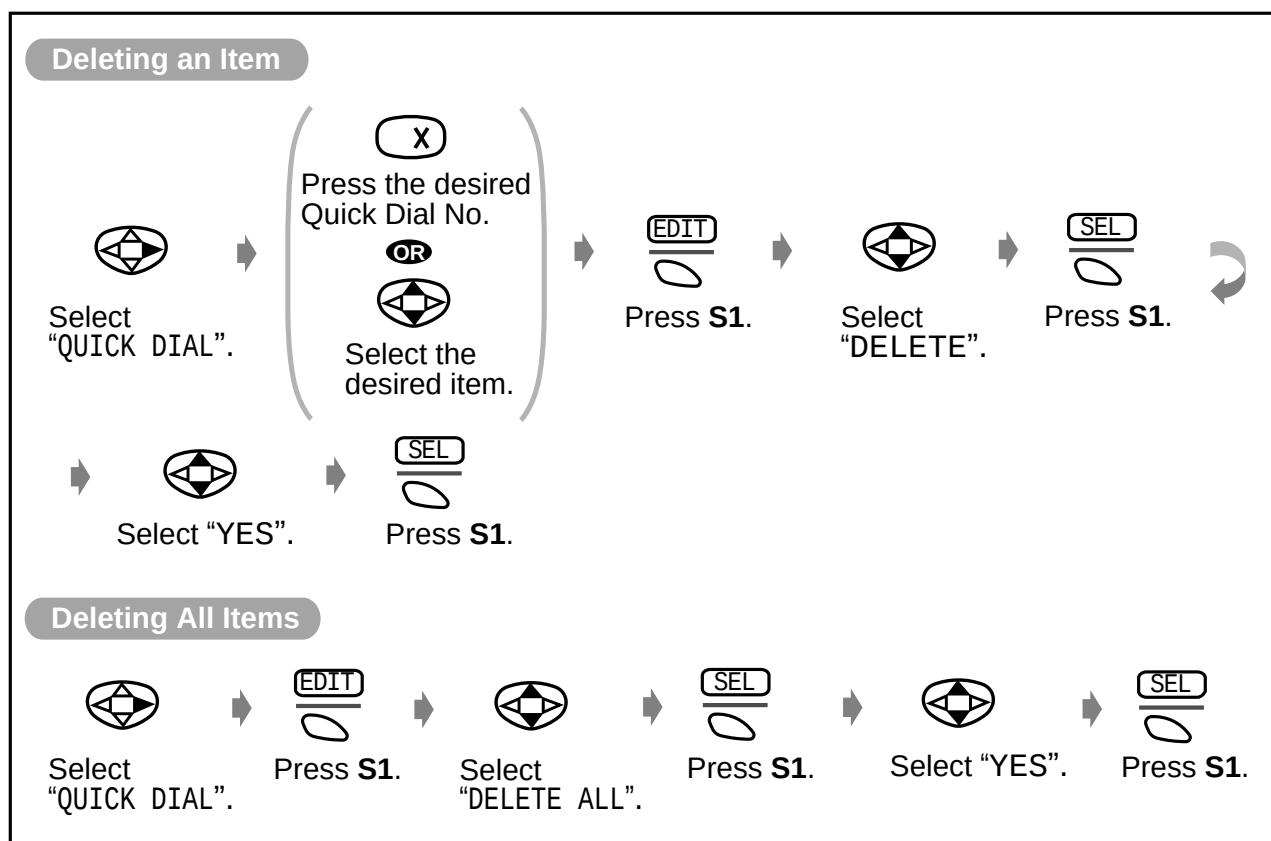


- To enter characters, refer to page 25 and 26.
- *The valid digits are "0" through "9", "×" and "#".
- "X (TALK)" can be stored as a wild card which can be any digits while dialing.

◆ Editing



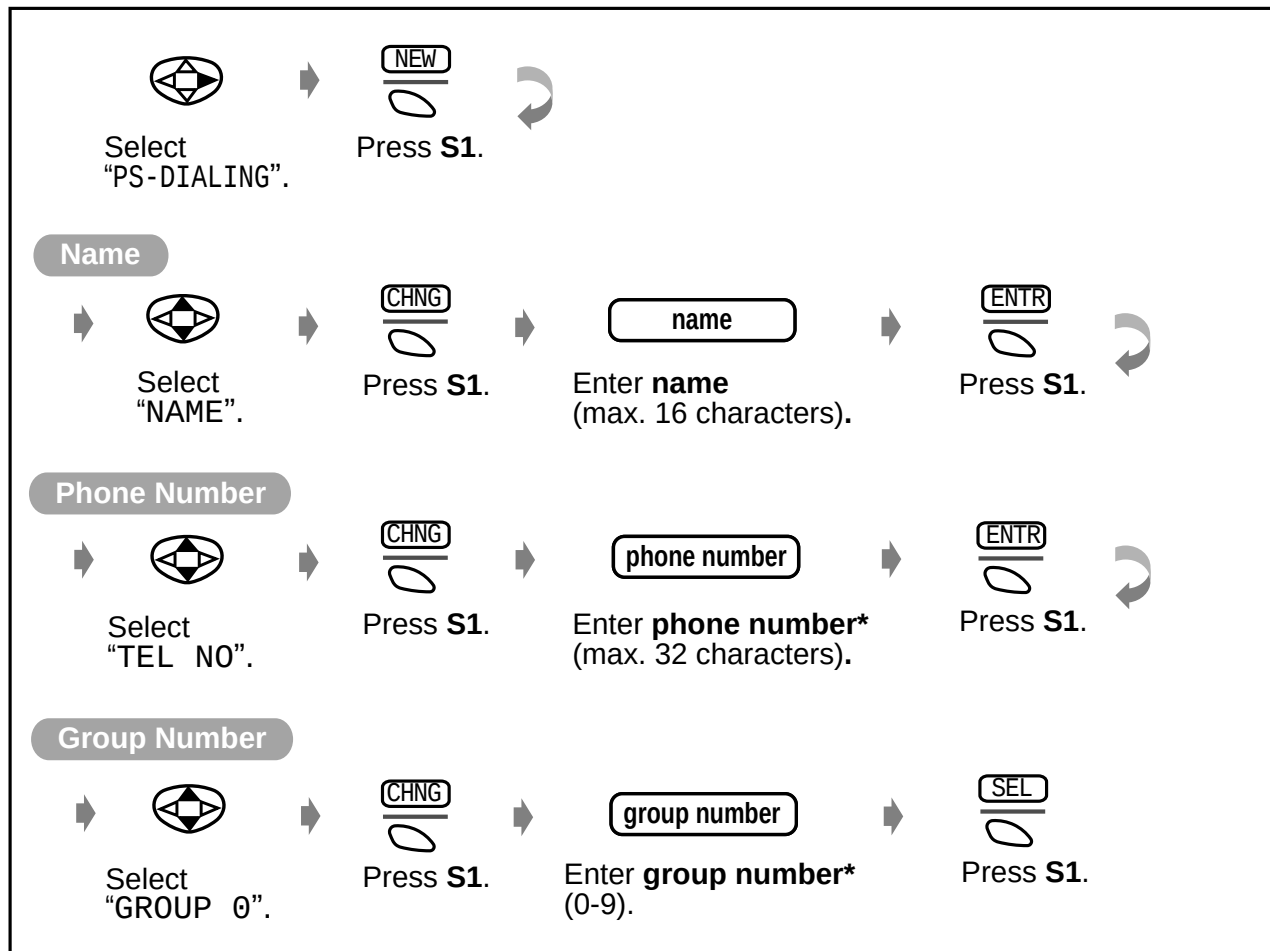
◆ Deleting



Using the Directories

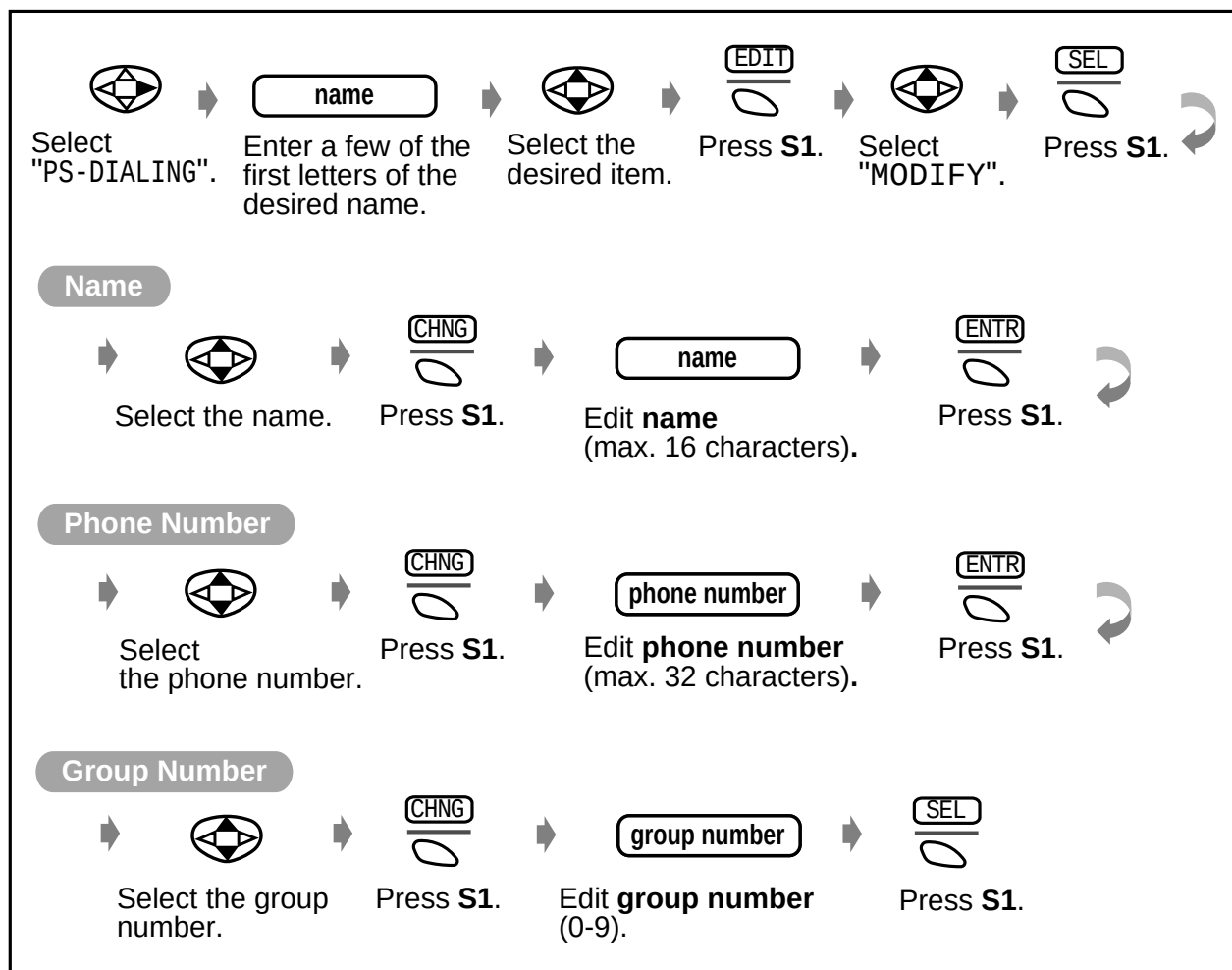
◆◆ PS Dialing Directory

◆ Storing



- To enter characters, refer to pages 25 and 26.
- *The valid digits are "0" through "9", "✖" and "#".

◆ Editing

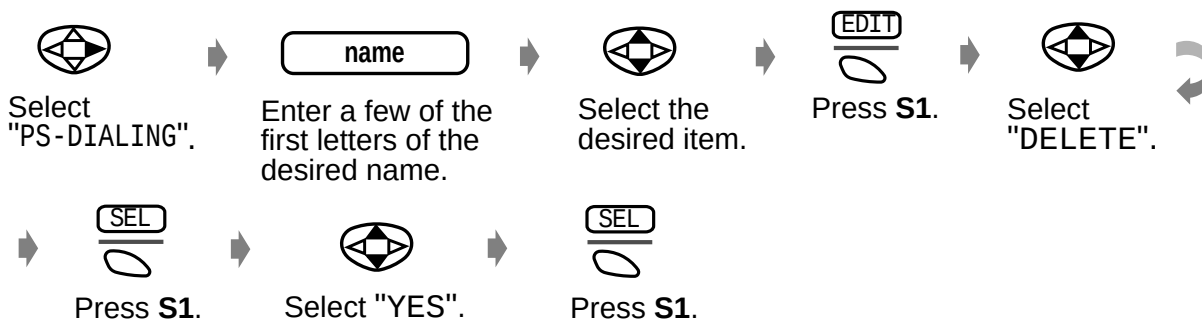


- To enter characters, refer to pages 25 and 26.
- To change the number / character, press **CLR** to clear it on the cursor and enter new one.
- To clear an entire number, hold down **CLR**.
- To move the cursor on the number / character, use .

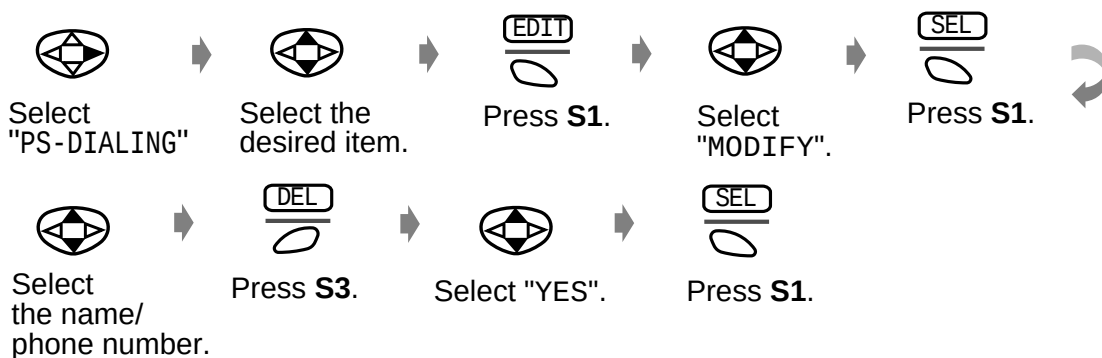
Using the Directories

◆ Deleting

Deleting an Item



Deleting the name/phone number



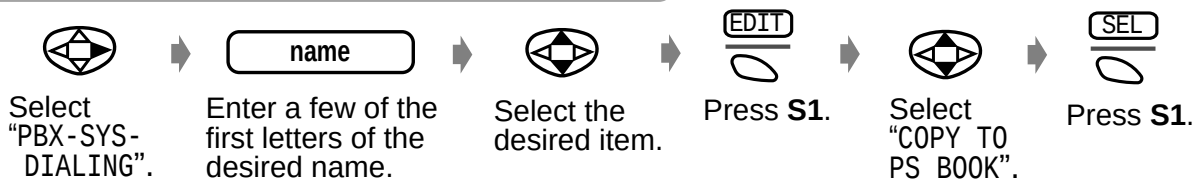
- You can delete all items all at once (see 37).

◆ Storing an item to the PS Dialing Directory

Using the Incoming/Outgoing Call Log



Using the PBX System Speed Dialing Directory



◆◆ Entering Characters

The dialing buttons can be used to enter letters and character symbols. The letters are printed on the dialing buttons. The table below shows you the characters available for each button.

◆ Character mode table

Table 1 (Standard Display)

Times Buttons	1	2	3	4	5	6	7	8	9
	!	?	"	1					
	A	B	C	a	b	c	2		
	D	E	F	d	e	f	3		
	G	H	I	g	h	i	4		
	J	K	L	j	k	l	5		
	M	N	O	m	n	o	6		
	P	Q	R	S	p	q	r	s	7
	T	U	V	t	u	v	8		
	W	X	Y	w	x	y	9		
		.	,	'	:	;	0		
	/	+	−	=	<	>	*		
	\$	%	&	@	(	)	•	£	#

For example, to enter “Anne”:

			
	 (5 times)	  (5 times)	 (5 times)

Using the Directories

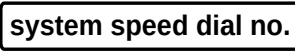
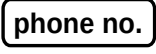
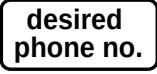
Table 2

Times Buttons	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
	!	?	"	ä	ö	ü	1								
	A	B	C	a	b	c	À	Á	Â	Ã	Ä	Å	Æ	Ç	2
	D	E	F	d	e	f	Ð	È	É	Ê	Ë	3			
	G	H	I	g	h	i	Ì	Í	Î	Ï	4				
	J	K	L	j	k	l	5								
	M	N	O	m	n	o	Ñ	Ò	Ó	Ô	Õ	Ö	Ø	Œ	6
	P	Q	R	S	p	q	r	s	ß	7					
	T	U	V	t	u	v	Ù	Ú	Û	Ü	8				
	W	X	Y	w	x	y	Ý	9							
		.	,	'	:	;	0								
	/	+	−	=	<	>	*								
	\$	%	&	@	(	)	•	£	#						



- To clear a character on the cursor, press .
- To clear an entire character, hold down .
- To move the cursor to the left, press .
- To move the cursor to the right, press .
- (To enter another character using the same dialing button, move the cursor to the next space).
- To shift the mode, press .

Other Operations

Function	Operation
Making Calls	
One-Touch Dialing	To dial  ►  ► Select the key assigned as a One-Touch Dialing button. ►  ►  To program  ►  Select "PBX PROGRAM". ►  ► Select the idle F-CO key. ►  ►  ► 
Calling an operator	 ►  /  ► 
Speed Dialling (System)	To dial  ►   ►  ►  ► 
Doorphone Call	 ►    ►  ► 
Automatic Callback Busy	To set <i>While hearing a busy tone</i>  ►  To answer the extension  ►  To cancel  ►    ►  To answer the outside (CO) line  ►  ► 
During a Conversation	
Multiple Parties Conversation (conference)	To add other parties  ► Select the key assigned as a CONFERENCE button. ►  ►  ►  ► Select the key assigned as a CONFERENCE button. To talk to one party by terminating the other  ► Select the F-CO key. /  ► Select the key assigned as a INTERCOM button. To leave a conference 

Other Operations

Function	Operation
Useful Features	
Forwarding a call	 ►    ►  Both  Outside line  Intercom  All calls  Busy  No answer  Busy/ No answer  Cancel extension no. or outside line no. outside phone no.   Follow Me  Cancel Follow Me your extension no. 
Do Not Disturb	 ►    ►  Both  Outside line  Intercom  Cancel  Set 
Picking up a call	 ► Directed    ► extension no. Group    ► group no. 
Sending a Call Waiting tone	<i>While hearing a busy tone</i>  ► Wait for an answer. ► 

Other Operations

Function	Operation
Useful Features	
Call Waiting	 ▶ [    Intercom Calls     Outside line Calls] ▶ [ Set  Cancel] ▶  To talk to the new party <i>While hearing a tone</i>  ▶ Select the key assigned as a HOLD button. [ ▶ Select the F-CO key. or  ▶ Select the key assigned as a INTERCOM button.] ▶ 
Paging	To set  ▶    ▶ paging group no. ▶  ▶ announce. ▶ Wait for an answer. ▶  To answer  ▶    ▶  To set/cancel to deny a paged announcement  ▶ [     Deny      Allow] ▶ 
Setting Absent Message	To set  ▶     ▶ message no. ▶ parameter (if required) ▶  To cancel  ▶      ▶ 
Log-In/ Log-Out	 ▶ [     For Log-In      For Log-Out] ▶ group no. ▶ 
Clearing the Feature Settings	 ▶     ▶ 

Other Operations

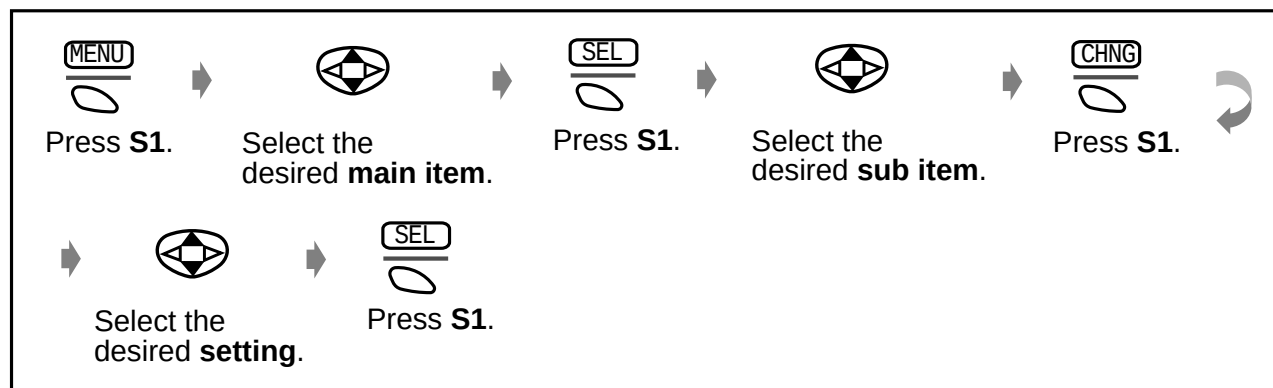
Function	Operation	
Useful Features		
Message Waiting	Sender	To leave a notification <i>When the called extension is busy or does not answer</i> [GHI 4 or  Select the key assigned as a MESSAGE button.]  To cancel a notification   PQRS 7 OPER 0 OPER 0 extension no. 
	Receiver	To call back   PQRS 7 OPER 0 ABC 2 or  Select the key assigned as a MESSAGE button.] 
Locking your extension	To lock   PQRS 7 PQRS 7 1 lock code (max. 10 digits) #   lock code (same code) #  To unlock   PQRS 7 PQRS 7 OPER 0 lock code (max. 10 digits) #	
Timed Reminder	To set   PQRS 7 MNO 6 OPER 0 1 12 H hour / minute   AM  PM  24 H hour / minute   once  daily  To cancel   PQRS 7 MNO 6 OPER 0 OPER 0  To stop or answer the ringback  Select the key assigned as a INTERCOM button. or 	

◆◆ Changing the Initial Settings

You can change the default settings according to your needs while programming:

- To move the cursor, press .
- To change the display, press .
- To select the function, press  or .
- To return the previous menu, press .
- To exit the programming mode, press .
- When the programming is completed, a beep tone sounds.
- You can dial the menu number to access the menu.

◆ To change the initial settings



Programming

Main Item	Sub Item	Description	Setting ^{*1}	Menu no.
ANSWER SETTING	RING PATTERN-INT	You can set the ringer types for intercom calls, outside line calls, and calls for each separate group. (6 Bells and 4 Melodies patterns)	☐ Ringer Pattern no.	11
	RING PATTERN-CO			12
	RING PATTERN-GRP		☐ Ringer Pattern 1 (Bell 1)	13
	VIBRATION&RING	You can select the vibration and ring type.	☐ OFF	14
			☐ Ring&VIB (Ring and vibrate at the same time)	
			☐ VIB→RING (Vibrate for 5 seconds then ring)	
	QUICK ANSWER	You can answer a call by just lifting the PS off the charger.	☐ ON	15
			☐ OFF	
	AUTO ANSWER	When you set the auto answer feature (press S2 and select "AUTO ANSWER"), you can answer a call automatically.	☐ INT ONLY (Intercom calls only)	16
			☐ INT / CO (All calls)	

*1 The default setting is in gray.

Main Item	Sub Item	Description	Setting* ¹	Menu no.
ANSWER SETTING	AUTO ANS DELAY	When you set the auto answer, you can set the time delay before the PS answers a call automatically. (6-20 seconds)	☐ 6 s	17
			☐ _ s	
	CALL GROUP	You can set the ringer / LED / vibration pattern, LCD back light for calls for each group, and return the settings to the default settings.	☐ Group 0-9	18
	RING PATTERN		☐ CO Pattern	
		(CO-PATTERN, 6 Bells and 4 Melodies patterns)	☐ Ringer Pattern no.	
	LED PATTERN	(RED, GREEN, ORANGE, R->G, G->O, R->O, R->G->O, G->R->O)	☐ RED	
			☐ LED Pattern no.	
	VIB PATTERN	(SINGLE, DOUBLE, TRIPLE, SHORT TERM, CONTINUOUS)	☐ SINGLE	
			☐ Vibration Pattern no.	
	LCD BACKLIGHT		☐ ORANGE	
			☐ GREEN	
	ORIGINAL SETTING		☐ YES	
			☐ NO	

*¹ The default setting is in gray.

Programming

Main Item	Sub Item	Description	Setting* ¹	Menu no.
ANSWER SETTING	ANY KEY ANSWER	You can answer a call by pressing any dialing button.	☐ ON	19
			☐ OFF	
DISPLAY SETTING	BACKLIGHT	You can turn off the key pad and display backlights.	☐ ON	21
			☐ IN-RECEIVING	
			☐ OFF	
	BACKLIGHT TIME	You can set the backlight time.	☐ 5s	22
			☐ 10s	
			☐ 15s	
			☐ 20s	
			☐ 25s	
			☐ 30s	
	LANGUAGE	You can select the display language.	☐ AUTO* ²	23
			☐ ENGLISH	
			☐ ESPANOL	
			☐ FRANCAIS	

*¹ The default setting is in gray.

*² The display language depends on the setting of the system.

Main Item	Sub Item	Description	Setting*1	Menu no.
DISPLAY SETTING	STANDBY DISPLAY	You can select the standby display.	☐ SYS-NO.& EXTN (System no. and extension no.)	24
			☐ SYS-NO. (System no.)	
			☐ EXTN (Extension no.)	
			☐ OFF	
	DATE/TIME DISPLY	You can select the date / time display for the standby mode.	☐ TIME-12H, MM/DD	25
			☐ TIME-24H, MM/DD	
			☐ TIME-12H, DD/MM	
			☐ TIME-24H, DD/MM	
			☐ DATE-MM/DD	
			☐ DATE-DD/MM	
	LCD CONTRAST	You can set the LCD contrast. (12 levels)	☐ LEVEL _	26
			☐ LEVEL 6	
	BACKLIGHT COLOR	You can set the LCD backlight color.	☐ ORANGE	27
			☐ GREEN	

*1 The default setting is in gray.

Programming

Main Item	Sub Item	Description	Setting* ¹	Menu no.
DISPLAY SETTING	CALLER ID DISPLY	You can select the Caller ID display getting from PS Directory or according to PBX Setting.	☐ PS DIRECTORY	28
			☐ PBX SETTING	
BEEP SETTING	KEY TONE	You can turn off / on the key tone.	☐ ON	31
			☐ OFF	
	RANGE WARNING	You can turn off / on the range warning alarm.	☐ ON	32
			☐ OFF	
SECURITY SETTING	DIRECTORY LOCK	You can lock / unlock the PS DIALING DIRECTORY and INCOMING/OUTGOING CALL LOG. If PS PASSWORD is set to DISABLE, it is required to enter the PS password to lock the directory. The PS PASSWORD is set to ENABLE automatically.	☐ ON ☐ OFF	41
	PS PASSWORD	You can set the password for the security setting. If DISABLE is set: -the PS Dialing Directory is unlocked automatically. If ENABLE is set, the PS password is required for the programming: -to enter SECURITY SETTING	☐ ENABLE ☐ DISABLE	42

*¹ The default setting is in gray.

Main Item	Sub Item	Description	Setting*1	Menu no.
SECURITY SETTING	MEMORY CLEAR	You can return the following settings to default all at once: -ANSWER SETTING (except CALL GROUP) -DISPLAY SETTING -BEEP SETTING -SECURITY SETTING (except PS PASSWORD, MEMORY CLEAR, ALL PS-BOOK DEL) -RINGER/RECEIVER VOLUME	☐ NO	43
			☐ YES	
	ALL PS-BOOK DEL	You can delete all items in the PS Dialing Directory all at once.	☐ NO	44
			☐ YES	
SYSTEM SETTING	REGISTRATION	Consult your dealer for details.		51
	DELETE SYSTEM	You can delete the stored system in the PS. Consult your dealer for details.	☐ SYSTEM 1-4 ☐ NO	52
			☐ YES	
	SYSTEM LOCK	You can set the password for the system setting. If ENABLE is set, the password is required to enter SYSTEM SETTING.	☐ ENABLE	53
			☐ DISABLE	
	ACCESS SYSTEM	You can access the different system when more than two PBX are registered in the PS.	☐ AUTO	54
			☐ SYSTEM 1-4*3	
	CHANGE PIN	You can change the PIN for registration and the PIN should be the same as PBX PIN.	☐ Pin no. (0-8 digits)	55

*1 The default setting is in gray.

*3 Only the registered system number is displayed.

Programming

Main Item	Sub Item	Description	Setting* ¹	Menu no.
KEY EDIT	KEY ASSIGN	You can change the key menu assignment. To edit: 1. Press  to select the assigned key to change. 2. Press S1  . 3. Press  to select the key: ICM PAUSE TRANSFER HOLD FWD/DND MESSAGE CONFERENCE TONE FLASH(RECALL) AUTO ANSWER NONE 4. Press S1  .	1 ICM 2 PAUSE 3 TRANSFER 4 HOLD 5 FWD/DND 6 MESSAGE 7 FLASH (RECALL) 8 AUTO ANSWER	61
	FCO LABEL EDIT	You can edit the F-CO label. To edit: 1. Press  to select the desired system or enter the system number (1-4). 2. Press S1  . 3. Press  to select the desired F-CO key or enter the F-CO number (0-9, *, #). 4. Press S1  . 5. Edit the label (max. 13 characters). 6. Press S1  .		62

*¹ The default setting is in gray.

Important Information

Battery Information

After your Panasonic battery is fully charged [at 25°C (77°F)]:

Operation	Approx. battery life
While in use (Talk)	Up to about 6 hours
While not in use (Standby)	Up to about 60 hours

- Battery life may be shortened depending on usage conditions and ambient temperature.
- You need not worry about overcharging.
- The battery will drain even while the unit is "OFF".
- The PS can receive calls even while charging.
- If "  " flashes, power off the handset, otherwise battery life will be shortened greatly.

Low Battery Warning

When the battery needs to be charged, "  " flashes or beeps sound every five seconds. During a conversation, the call will hang up automatically within one minute. If idle or in a programming status, "CHARGE BATTERY" is displayed and no key is operated, but the  key is available. In these cases, recharge the battery.

Replacing the Batteries

If "  " flashes after a few telephone calls even when the handset batteries have been fully charged, it is time to replace the batteries with new ones.

Before replacing the batteries, turn the power off to prevent memory loss. Make sure you charge the new batteries for about 6 hours in order to display the battery strength prompt correctly.

- Please order Panasonic battery with service part No. _____ to replace.

CAUTION:

Danger of explosion if battery is incorrectly replaced.

Replace only with the same or equivalent type of battery recommended by the manufacturer.

Dispose of used batteries according to the manufacturer's instructions.

The product that you have purchased contains a rechargeable battery. The battery is recyclable. At the end of its useful life, under various state and local laws, it may be illegal to dispose of this battery into the municipal waste stream. Check with your local solid waste officials for details in your area for recycling options or proper disposal.



The lithium ion/polymer battery you have purchased is recyclable.
Please call 1-800-BATTERY for information on how to recycle this battery.

Important Information

When using this unit, basic safety precautions should always be followed to reduce the risk of fire, electric shock, or personal injury.

1. Read and understand all instructions.
2. Follow all warnings and instructions marked on this unit.
3. Unplug this unit from AC outlets before cleaning. Do not use liquid or aerosol cleaners. Use a damp cloth for cleaning.
4. Do not use this unit near water, for example, near a bathtub, washbowl, kitchen sink, or the like.
5. Place this unit securely on a stable surface. Serious damage and/or injury may result if the unit falls.
6. Do not cover slots and openings on the unit. They are provided for ventilation and protection against overheating. Never place the unit near radiators, or in a place where proper ventilation is not provided.
7. Use only the power source marked on the unit. If you are not sure of the type of power supplied to your home, consult your dealer or local power company.
8. Do not place objects on the power cord. Install the unit where no one can step or trip on the cord.
9. Do not overload wall outlets and extension cords. This can result in the risk of fire or electric shock.
10. Never push any objects through slots in this unit. This may result in the risk of fire or electric shock. Never spill any liquid on the unit.
11. To reduce the risk of electric shock, do not disassemble this unit. Take the unit to an authorized servicer when service is required. Opening or removing covers may expose you to dangerous voltages or other risks. Incorrect reassembly can cause electric shock when the unit is subsequently used.
12. Unplug this unit from the wall outlet and refer servicing to an authorized servicer when the following conditions occur:
 - A. When the power supply cord or plug is damaged or frayed.
 - B. If liquid has been spilled into the unit.
 - C. If the unit has been exposed to rain or water.
 - D. If the unit does not work normally by following the operating instructions. Adjust only controls covered by the operating instructions. Improper adjustment may require extensive work by an authorized servicer.
 - E. If the unit has been dropped or physically damaged.
 - F. If the unit exhibits a distinct change in performance.
13. During thunderstorms, avoid using telephones except cordless types. There may be a remote risk of an electric shock from lightning.
14. Do not use this unit to report a gas leak, when in the vicinity of the leak.

SAVE THESE INSTRUCTIONS

Important Information

CAUTION

To reduce the risk of fire or injury to persons, read and follow these instructions.

1. Use only the battery(ies) specified.
2. Do not dispose of the battery(ies) in a fire. They may explode. Check with local waste management codes for special disposal instructions.
3. Do not open or mutilate the battery(ies). Released electrolyte is corrosive and may cause burns or injury to the eyes or skin. The electrolyte may be toxic if swallowed.
4. Exercise care in handling batteries in order not to short the battery to conductive materials such as rings, bracelets, and keys. The battery and/or conductor may overheat and cause burns.
5. Charge the battery(ies) provided with or identified for use with this product only in accordance with the instructions and limitations specified in this manual.

WARNING:

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

Privacy of communications may not be ensured when using this phone.

For body worn operation, this device has been tested and meets FCC RF exposure guidelines when used with an accessory that contain no metal and that position the device a minimum of 1.5 cm from the body.

Use of other accessories may not ensure compliance with FCC RF exposure guidelines.

CAUTION:

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this device.

Important Information

NOTE:

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Some wireless telephones operate at frequencies that may cause interference to nearby TVs and VCRs. To minimize or prevent such interference, the base of the wireless telephone should not be placed near or on top of a TV or VCR. If interference is experienced, move the wireless telephone further away from the TV or VCR. This will often reduce or eliminate interference.

Environment — do not place the unit in rooms where the temperature is less than 5 °C (41 °F) or greater than 40 °C (104 °F). Allow 10cm (4") clearance around the unit for proper ventilation.

Avoid excessive smoke, dust, mechanical vibration, shock, or direct sunlight.

Medical — consult the manufacturer of any personal medical devices, such as pacemakers, to determine if they are adequately shielded from external RF (radio frequency) energy. (The unit operates in the frequency range of 2401 MHz to 2480 MHz and the power output level can range from 0.004 watts to 0.40 watts.) Do not use the unit in health care facilities if any regulations posted in the area instruct you not to do so. Hospitals or health care facilities may be using equipment that could be sensitive to external RF (radio frequency) energy.

Routine care — wipe the unit with a soft cloth. Do not use benzine, thinner, or any abrasive powder. When you leave the unit unused for a long period of time, unplug the AC adaptor from the outlet.

If there is any trouble — disconnect the unit from the telephone line and connect a known working phone. If the known working phone operates properly, have your unit repaired by one of the authorized Panasonic Factory Service Centers. If the known working phone does not operate properly, consult your telephone company.

Important Information

Hearing Aid Compatibility

This telephone provides magnetic coupling for hearing aids.

For Product Service

- Panasonic Servicenters are listed in the servicer directory.
- Call 1-800-211-PANA (7262) for the location of an authorized servicer.
- Panasonic's e-mail address for customer inquiries:
consumerproducts@panasonic.com
for customers in the USA or Puerto Rico ONLY

When you ship the product

- Carefully pack your unit, preferably in the original carton.
- Attach a letter, detailing the symptom, to the outside of the carton.

Symptom

- Send the unit to an authorized servicer, prepaid and adequately insured.
- Do not send your unit to the Panasonic Consumer Electronics Company listed on the back cover or to executive or regional sales offices. These locations do not repair consumer products.

- This cordless telephone is designed for use in the United States of America. Sale or use of this product in other countries may violate local laws.
- Ce téléphone sans fil est conçu pour être utilisé aux États-Unis d'Amérique. La vente ou l'emploi de cet appareil dans certains autres pays peut constituer une infraction à la législation locale.
- Este teléfono sin cordón fue elaborado para uso en los Estados Unidos de América. La venta o el empleo de este producto en ciertos países puede constituir violación de la legislación local.
- このコードレス電話機は、日本国外での使用を目的として設計されており、日本国内での使用は法律違反となります。従って、当社では日本国内においては原則として修理などのサービスは致しかねます。

For your future reference

SERIAL NO. _____

(found on the bottom of the unit)

DATE OF PURCHASE _____

NAME OF DEALER _____

DEALER'S ADDRESS _____

DEALER'S TEL. NO. _____

**Panasonic Consumer Electronics Company,
Division of Matsushita Electric Corporation of America**
One Panasonic Way, Secaucus, New Jersey 07094

**Panasonic Sales Company,
Division of Matsushita Electric of Puerto Rico, Inc.**
Ave. 65 de Infantería, Km.9.5, San Gabriel Industrial Park
Carolina, Puerto Rico 00985

WWW.panasonic.com

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