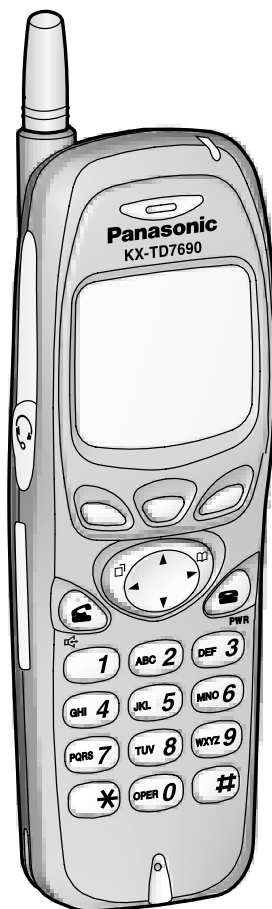


Panasonic

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**.

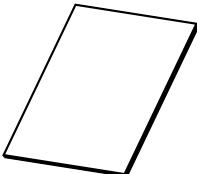
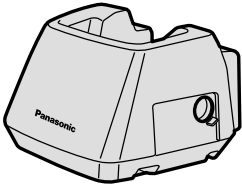
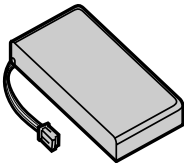
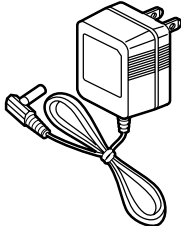
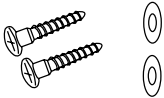
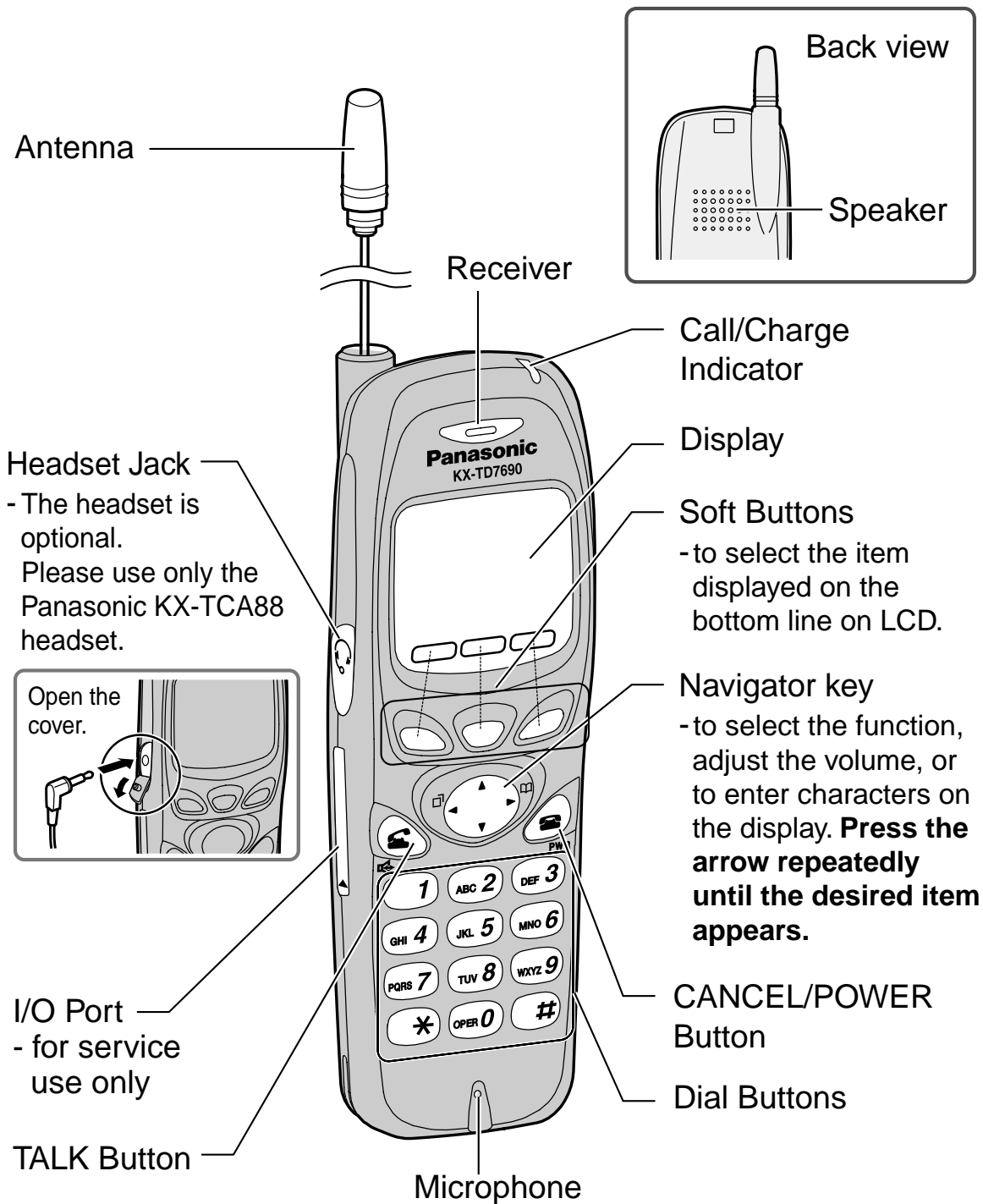
<input type="checkbox"/> Operating Instructions  One	<input type="checkbox"/> Charger  One	
<input type="checkbox"/> Battery  One	<input type="checkbox"/> AC adaptor (KX-TCA1-DK)  One	<input type="checkbox"/> Screws and Washers  Two

Table of Contents

Before Initial Use	2
Before Operating the PS	4
Location of Controls	4
Display	5
Setting Up	6
Charging	6
Wall Mounting	7
Power On/Off	8
Wave Search	8
Locking the Keypads	8
Ringer Volume Adjustment	9
Receiver Volume Adjustment	10
F-CO key Display Example	11
Key Menu	11
Making Calls	12
Calling Another Extension	12
Calling an External Party	12
Using the Call Log	13
Making Calls Using the Directories	14
Receiving Calls	16
Intercom Calls/Outside Calls/Group Calls	16
During a Conversation	17
Transferring a Call	17
Holding	18
Handsfree/Monitor Conversation	19
Using the Directory	20
Directories	20
Quick Dial	20
PS Dialing Directory	22
Entering Characters	25
Other Operations	27
Programming	31
Changing the Initial Settings	31
Important Information	39

Before Operating the PS

◆◆ Location of Controls

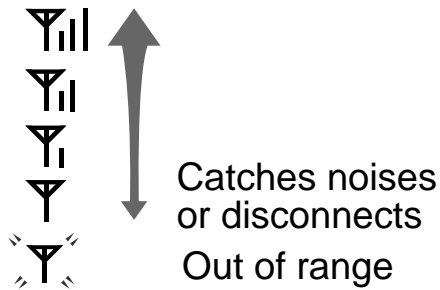


Before Operating the PS

◆◆ Display



<Radio Signal Strength>*



<Off-hook Status>

INT <Off-hook Status for Intercom calls>

<Programming Mode>

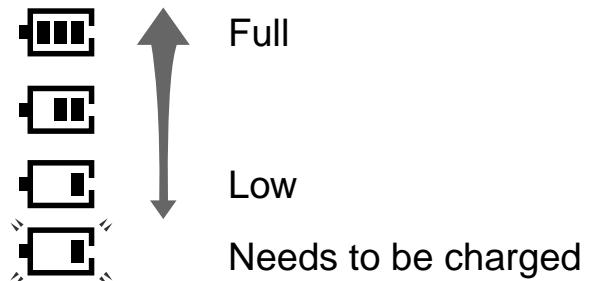
<Incoming Call Log notification>

<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

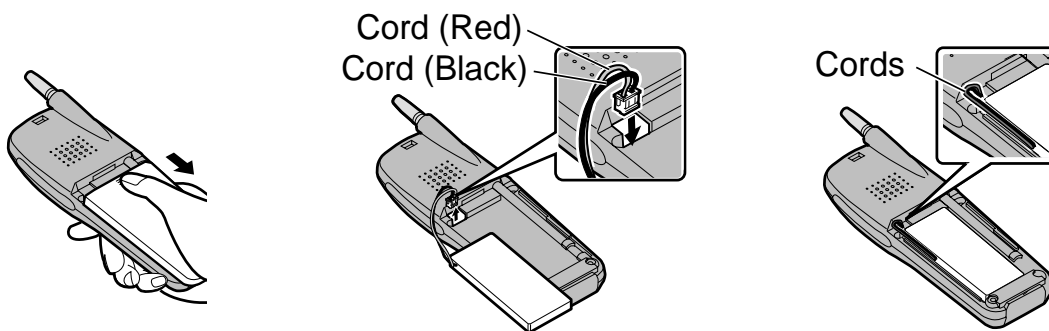
DND

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

Before Operating the PS

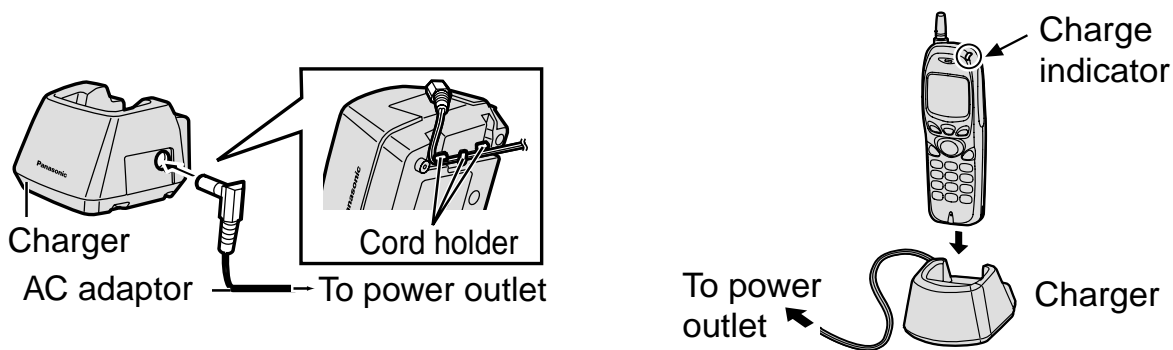
◆◆ Setting Up

- 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.



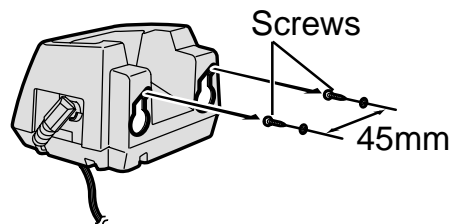
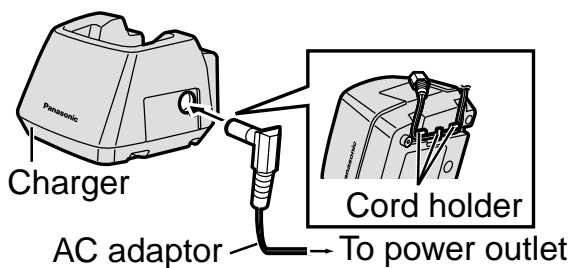
- When charge is completed, the charge indicator will change from red to green. Refer to “Battery Information” on page 39.
- The PS and charger get warm during charging. This is normal and not dangerous.
- Keep magnetically sensitive things (such as a credit card) away from the charger.

Before Operating the PS

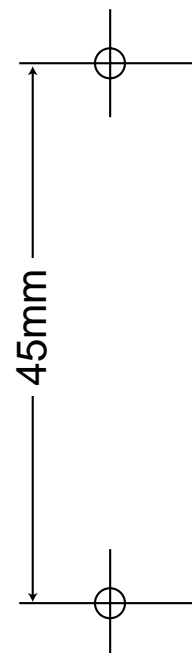
◆◆ Wall Mounting

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

<p>Power On</p>  <p>Press POWER for more than 2 seconds until "KX-TD7690" is displayed.</p>	<p>Power Off</p>  <p>Press POWER for more than 2 seconds.</p>
--	--





- 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.

 Press S1 .	→	 Press TALK .	<p><Display></p> <table border="1"><tr><td>SEARCHING</td><td>→</td><td>SEARCH OK</td></tr></table>	SEARCHING	→	SEARCH OK
SEARCHING	→	SEARCH OK				



◆◆ Locking the Keypads










You can lock the dialing buttons.

 Press S1 for more than 2 seconds	<p><Display></p> <table border="1"><tr><td>HOLD DOWN TO LOCK THE DIAL</td><td>→</td><td></td></tr><tr><td></td><td>→</td><td>HOLD DOWN TO UNLOCK THE DIAL</td></tr></table>	HOLD DOWN TO LOCK THE DIAL	→			→	HOLD DOWN TO UNLOCK THE DIAL
HOLD DOWN TO LOCK THE DIAL	→						
	→	HOLD DOWN TO UNLOCK THE DIAL					



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

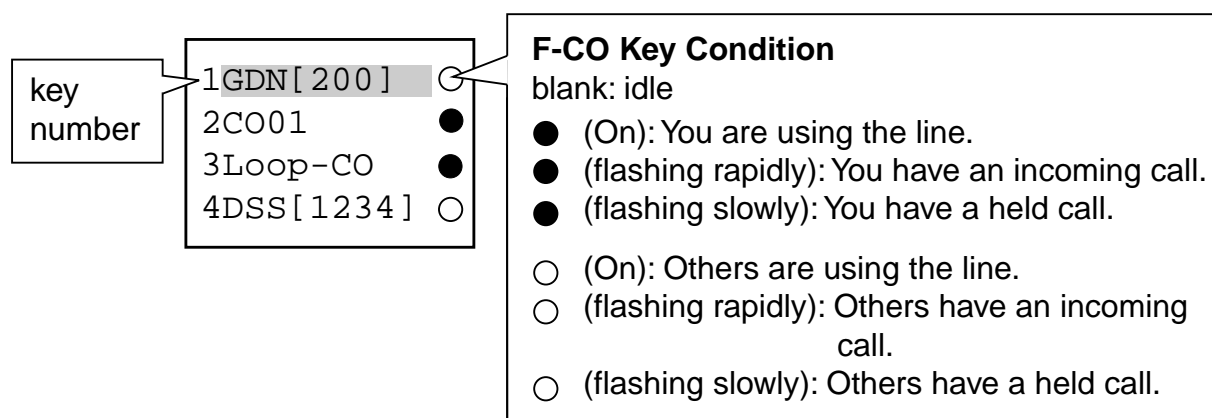
During a conversation or in off-hook status, press  repeatedly.
 (Default :  medium)

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).

◆◆ F-CO Key Display Example



◆◆ Key Menu

The following keys can be activated using a display operation.

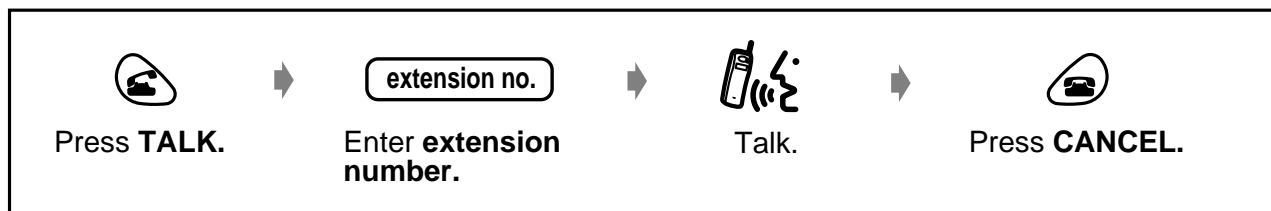
Key no. (default)	Key	Description
1	ICM	Used to make or receive intercom calls.
2	PAUSE	Used to insert a pause between numbers.
3	TRANSFER	Used to transfer a call to another extension.
4	HOLD	Used to place a call on hold.
5	FWD/DND	Used to set the Call Forwarding or Do Not Disturb features.
6	MESSAGE	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

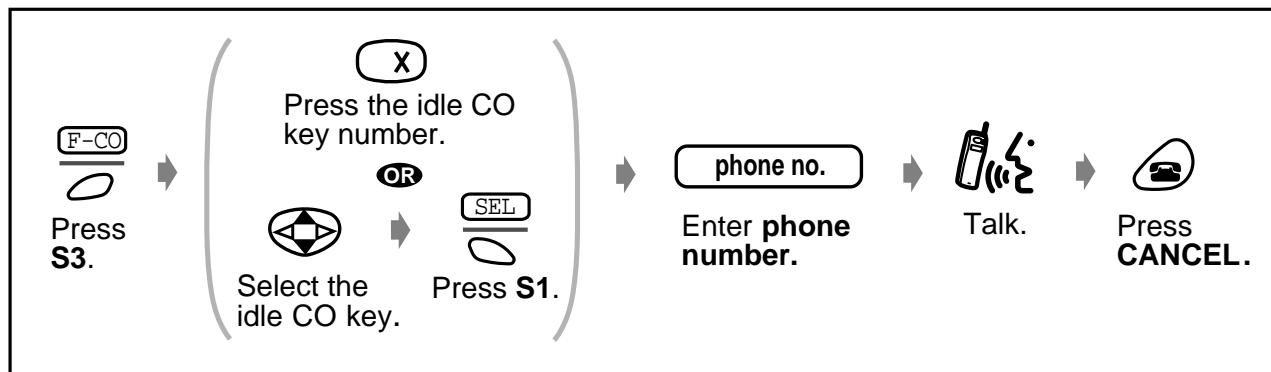


◆◆ Calling an External Party

◆ Using automatic line access number / outside line numbers

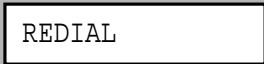
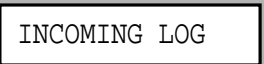


◆ Using Flexible CO buttons



- 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






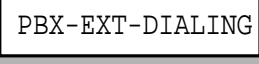
◆ Using the incoming call log



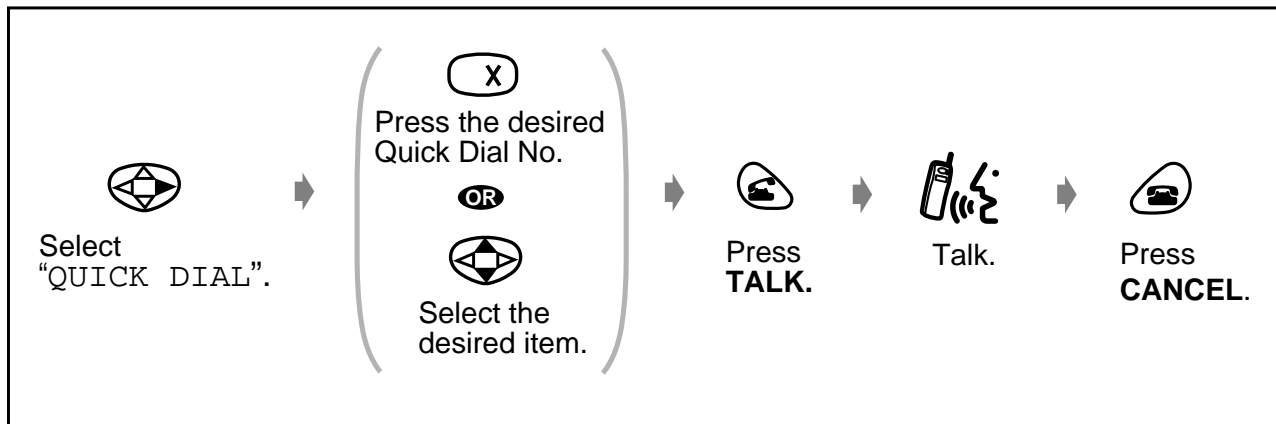
- If the dialed or received outside line phone number is stored in the PS Dialing Directory, the name will be displayed.
- You can store the logged number in the PS Dialing Directory (see page 24).

Making Calls

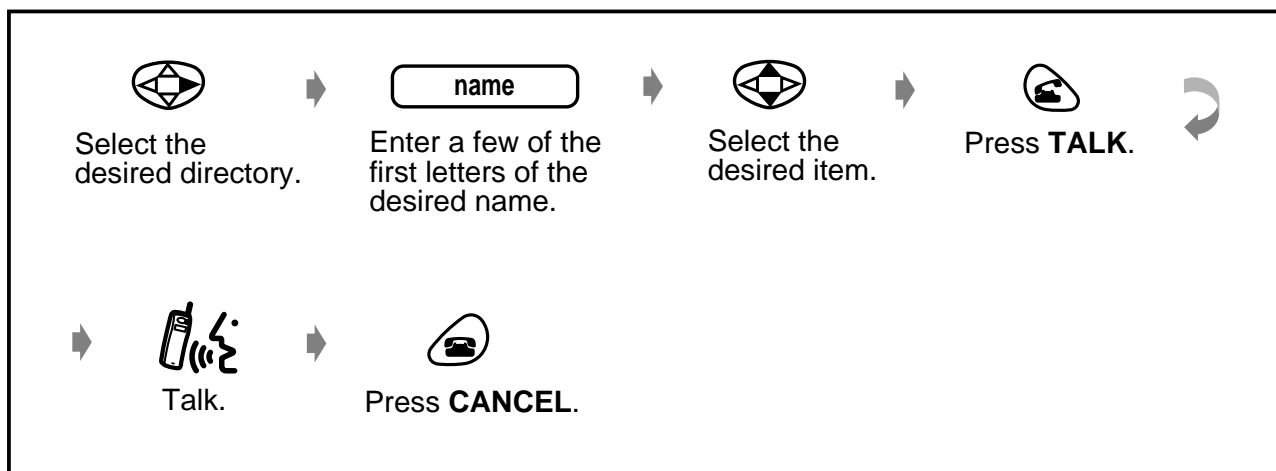
◆◆ Making Calls Using the Directories


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

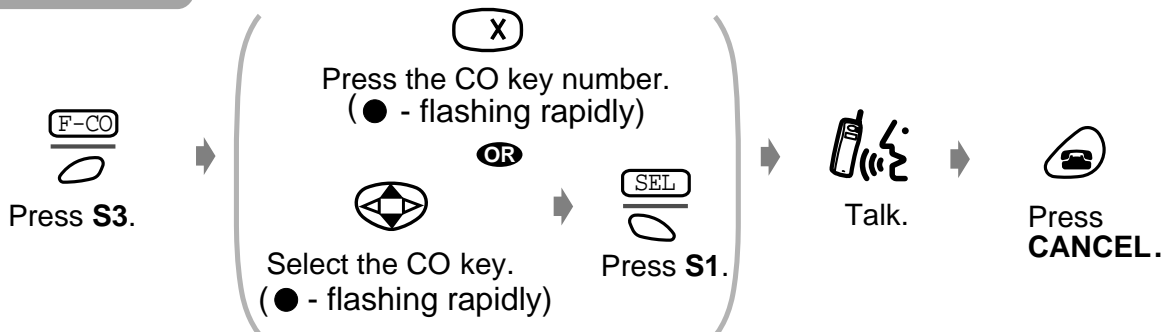
Intercom Calls / Outside Calls / Group Calls



Intercom Calls / Group Calls



Outside Calls

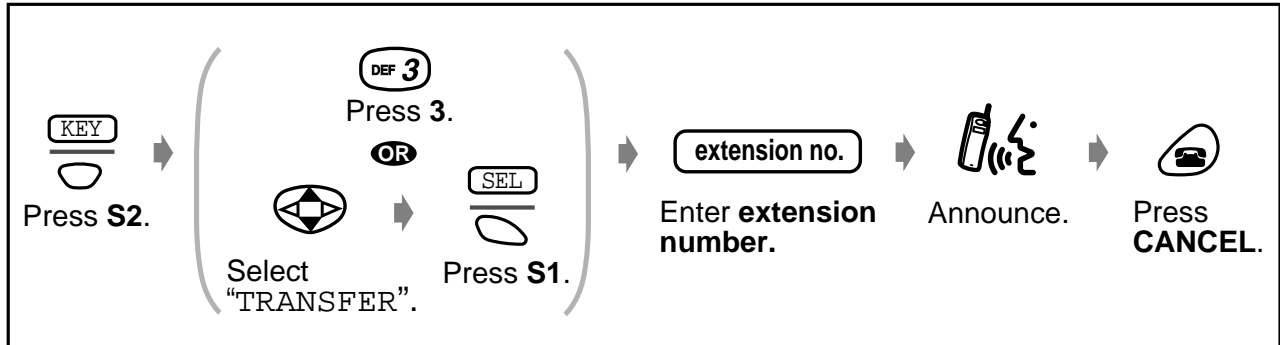


- You can turn off the ringer and vibration by pressing **SLMT** while receiving a call.
- The receiving call's name and number will be displayed if they are stored in the PS.
- You can also answer a call with:
 - **Any Key Answer** (see page 34.)
 - **Auto Answer** (see page 32.)
 - **Quick Answer**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

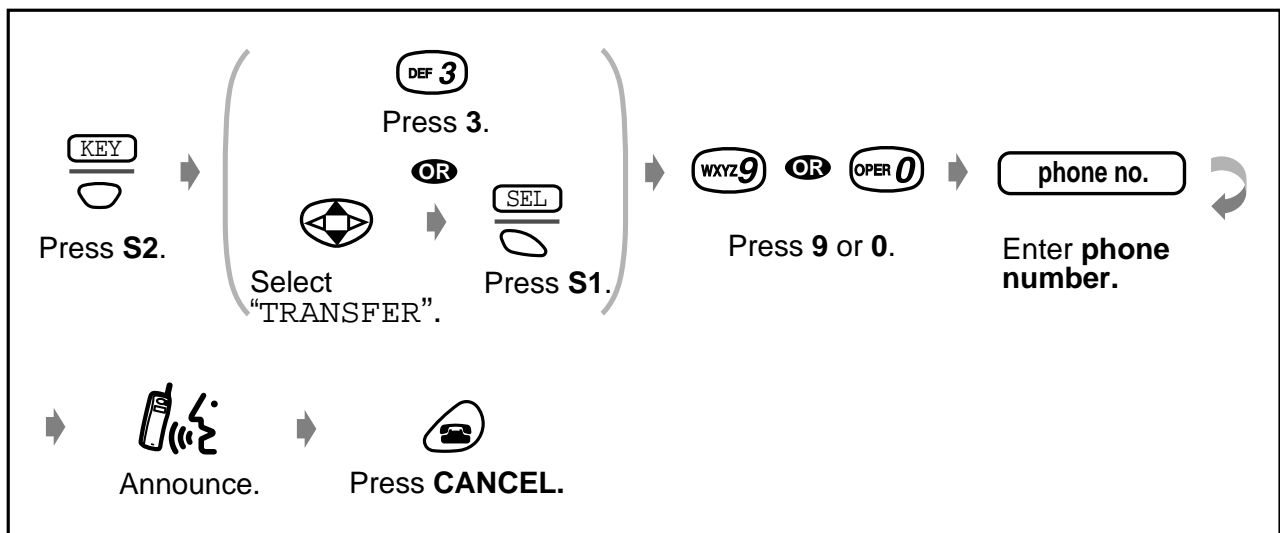
During a Conversation

◆◆ Transferring a Call

◆ Transferring to an extension



◆ Transferring to an external party

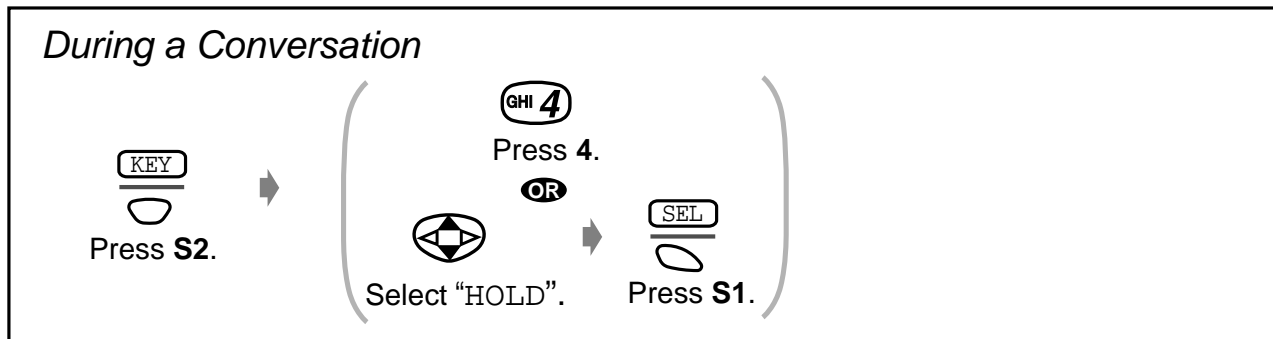


- To return to the held call before the destination answers, select the "TRANSFER" key / the corresponding CO key / "ICM" key.

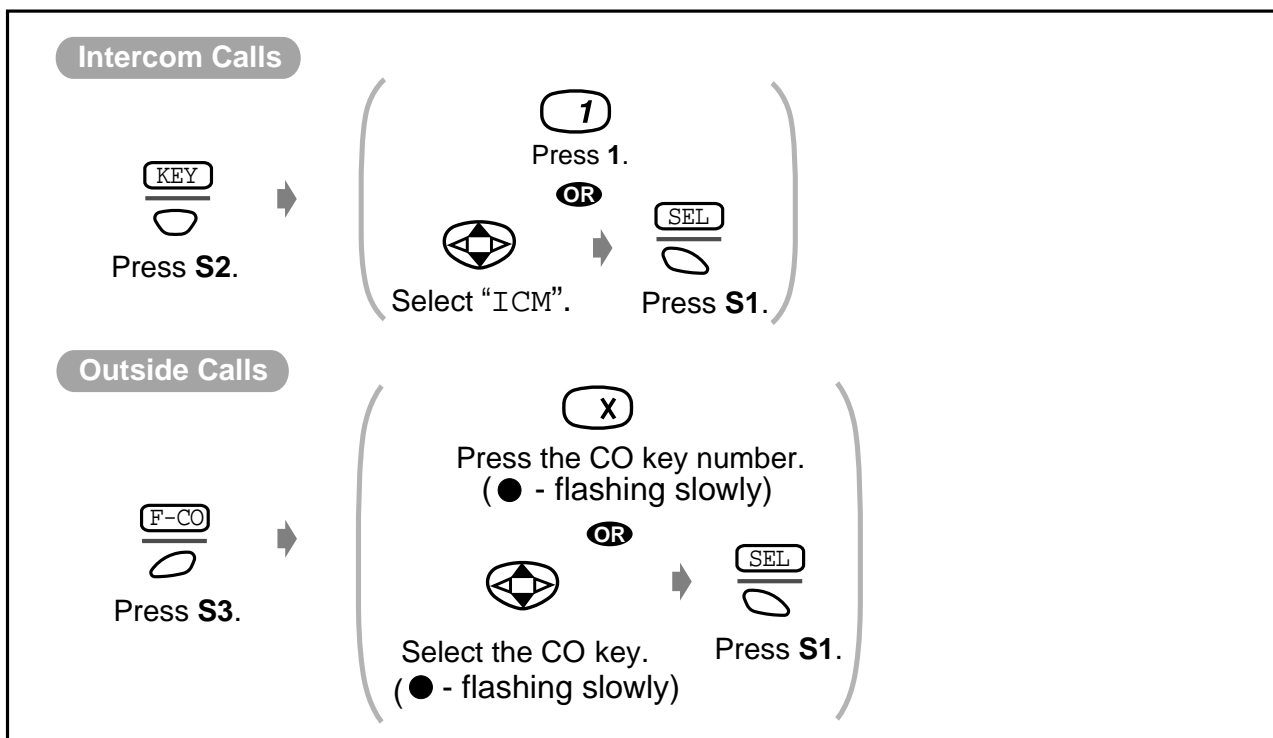
During a Conversation

◆◆ Holding

◆ To hold



◆ To retrieve a call

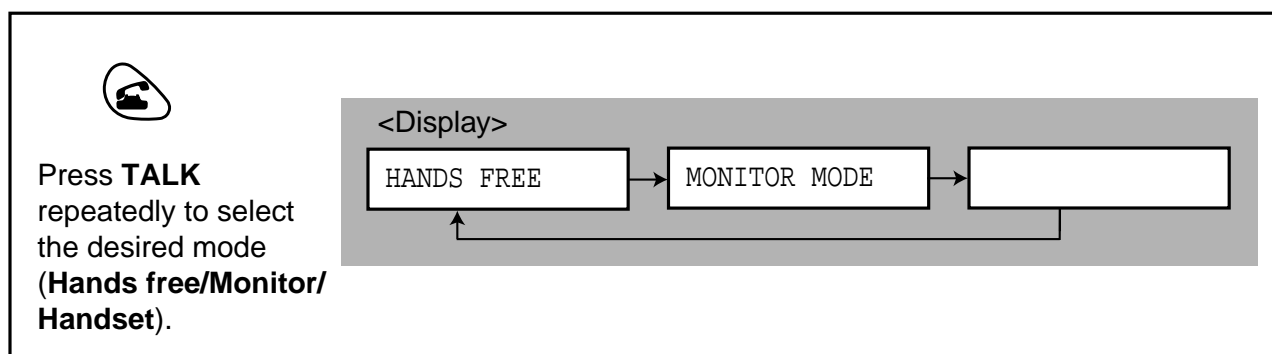


- You can hold a call exclusively not to make other people retrieve your held call. Consult your dealer for more details.

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.

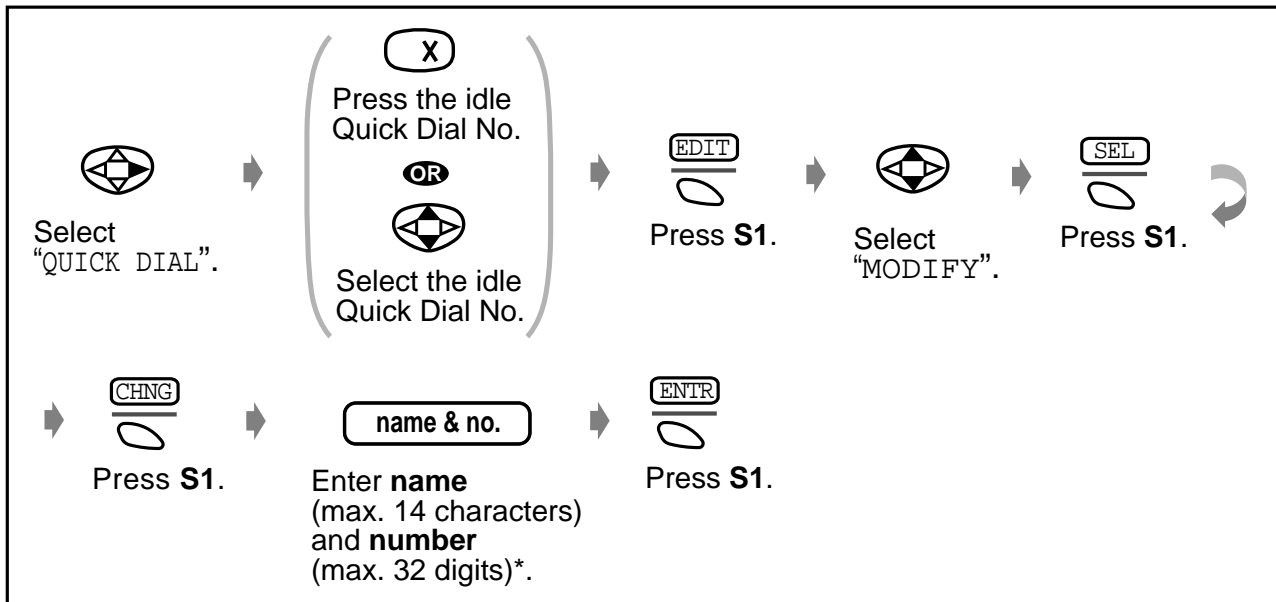
Using the Directory

◆◆ 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

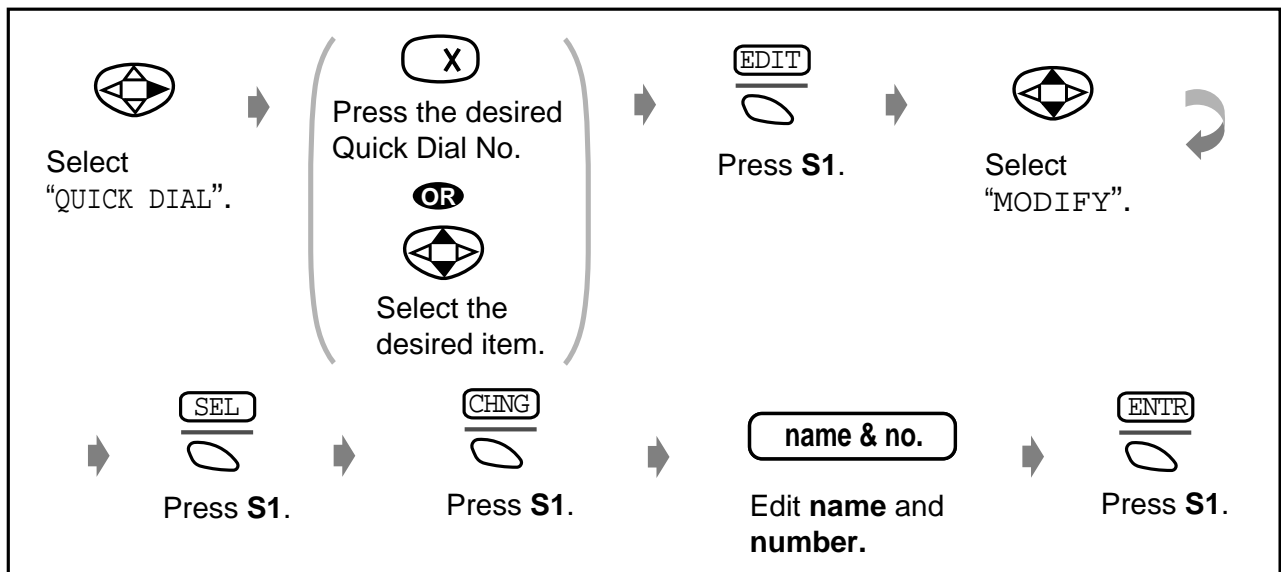
◆ Storing



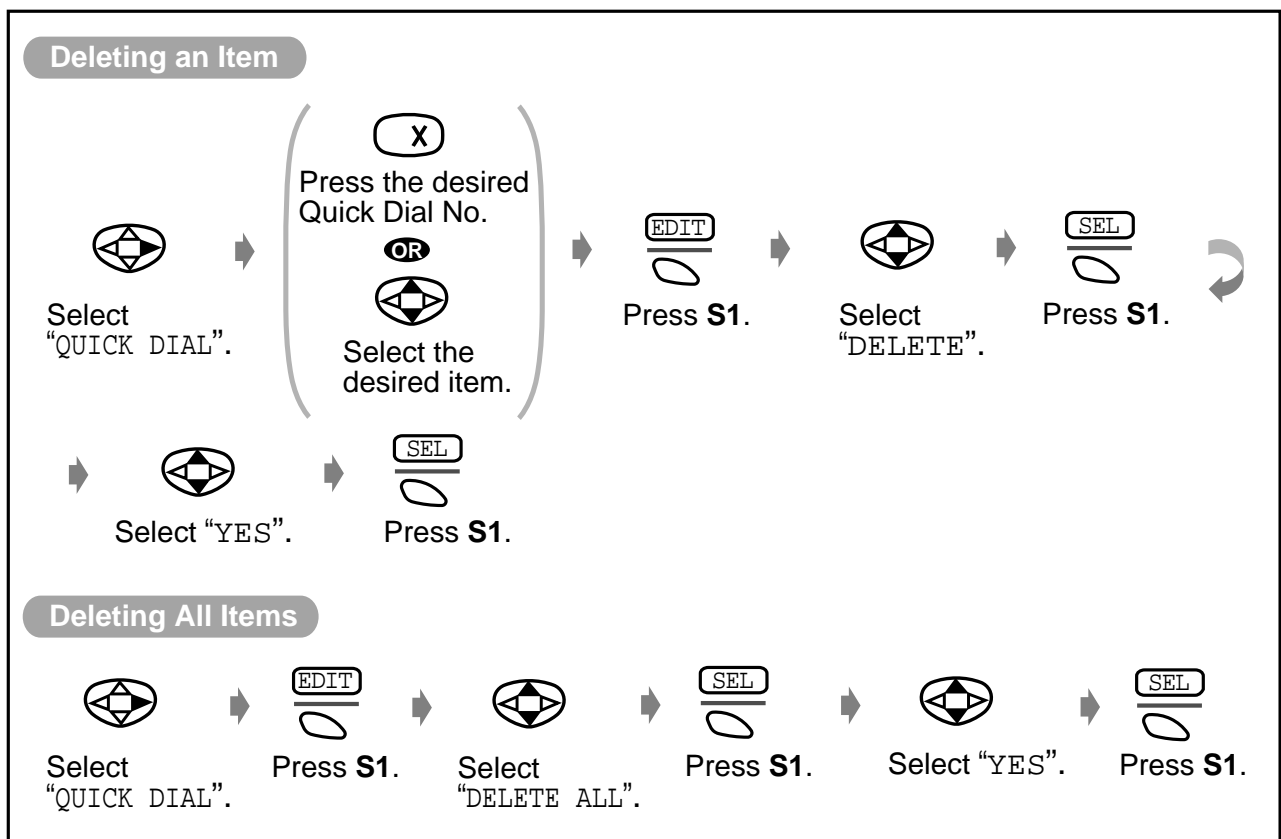
- To enter characters, refer to page 25 and 26.
- *The valid digits are “0” through “9”, “*” and “#”.
- “X (TALK)” can be stored as a wild card which can be any digits while dialing.

Using the Directories

◆ Editing



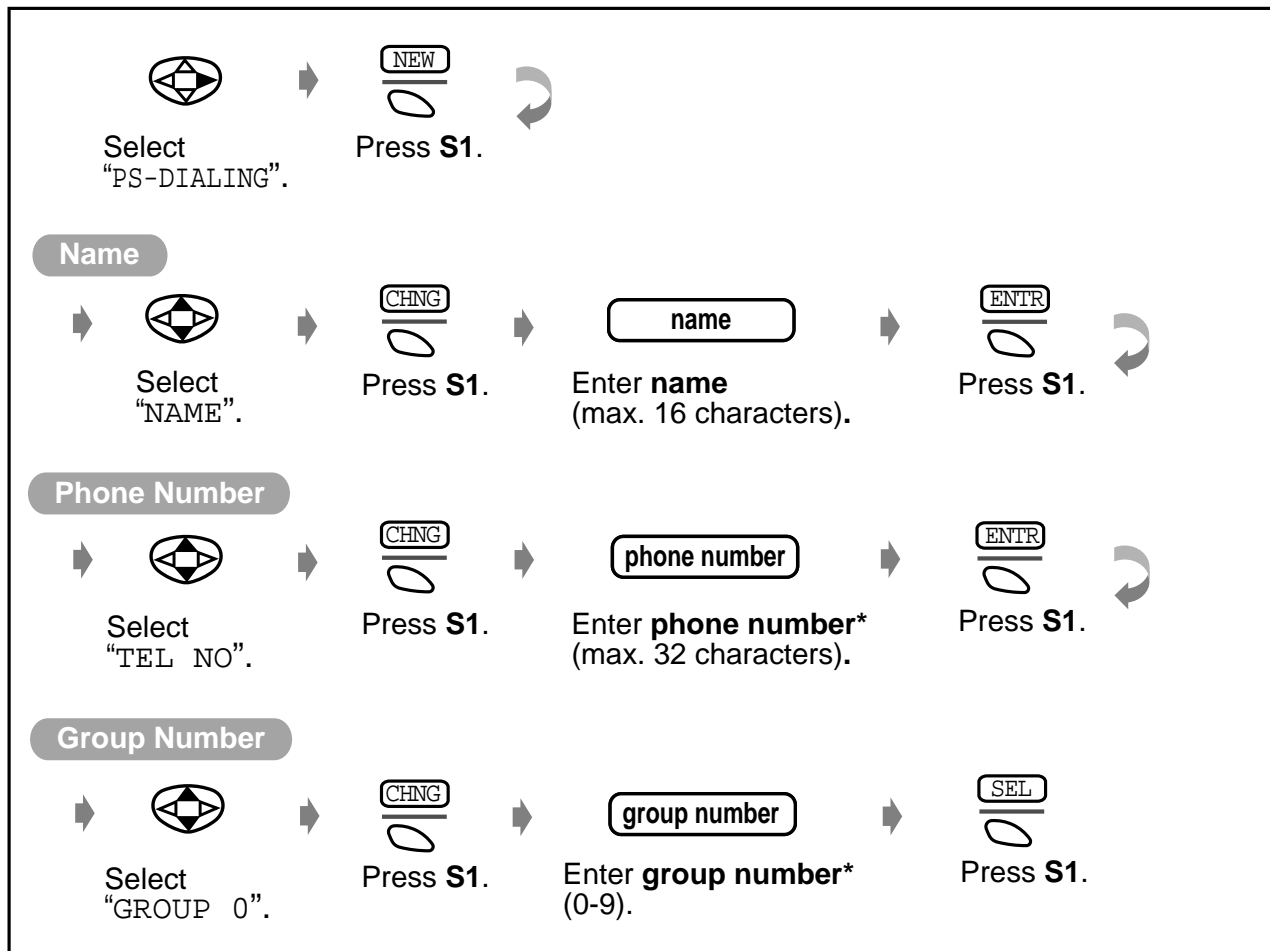
◆ Deleting



Using the Directories

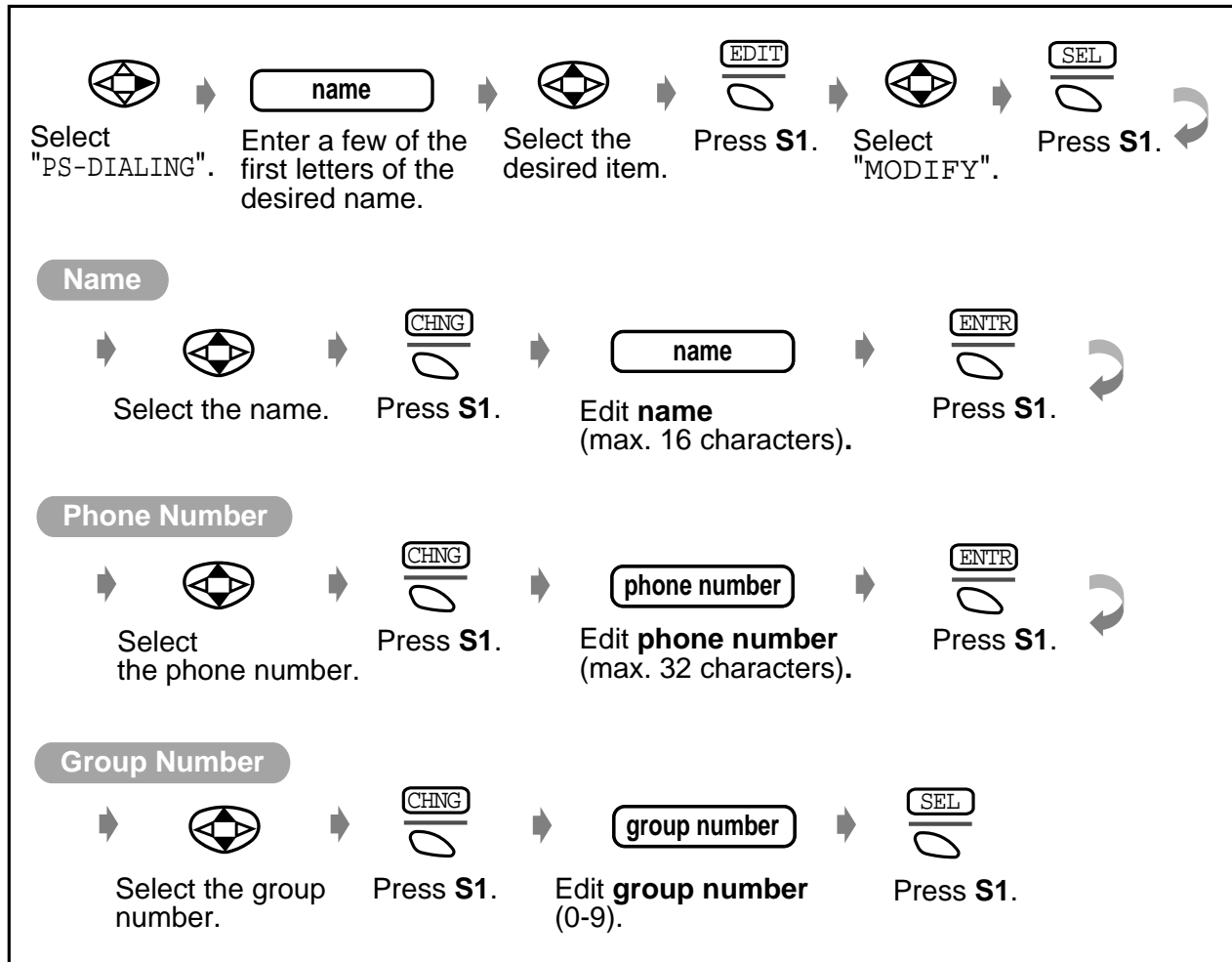
◆◆ PS Dialing Directory




◆ Storing



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

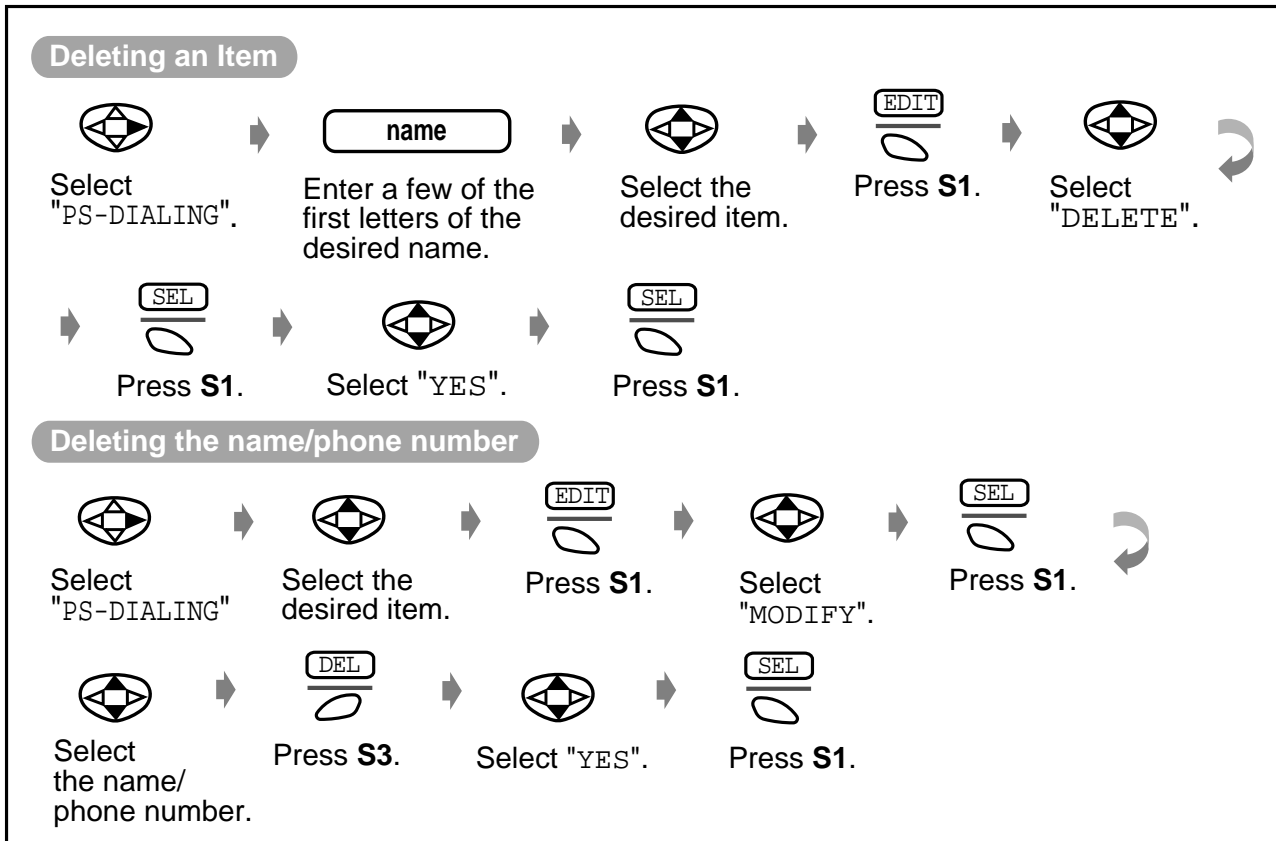
◆ Editing



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

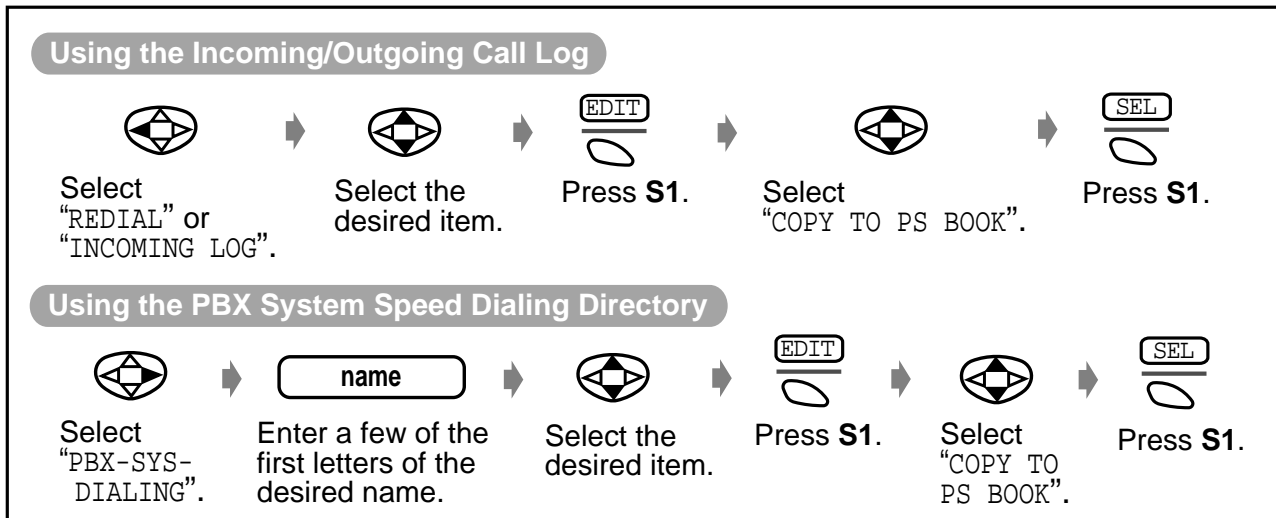
Using the Directories

◆ Deleting



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

◆ Storing an item to the PS 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”:






A	n	n	e
	(5 times)	(5 times)	(5 times)

Using the Directories


















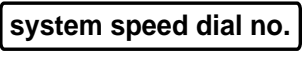


















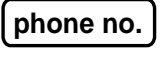











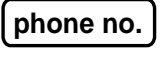











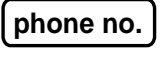


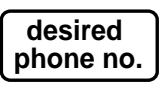





Table 2

Times Buttons	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1	!	?	"	ä	ö	ü	1								
2	A	B	C	a	b	c	À	Á	Â	Ã	Ä	Å	Æ	Ç	2
3	D	E	F	d	e	f	Ð	È	É	Ê	Ë	3			
4	G	H	I	g	h	i	Ì	Í	Î	Ï	4				
5	J	K	L	j	k	l	5								
6	M	N	O	m	n	o	Ñ	Ò	Ó	Ô	Õ	Ö	Ø	Œ	6
7	P	Q	R	S	p	q	r	s	ß	7					
8	T	U	V	t	u	v	Ù	Ú	Û	Ü	8				
9	W	X	Y	w	x	y	Ý	9							
0		.	,	'	:	;	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	<p>To dial  ►  ► Select the key assigned as a One-Touch Dialing button. ►  ► </p> <p>To program  ►  Select "PBX PROGRAM". ►  ► Select the idle F-CO key. ►  ►  ► </p>		
Calling an operator	 ►  /  ► 		
Speed Dialling (System)	<p>To dial  ►   ►  ►  ► </p>		
Doorphone Call	 ►    ►  ► 		
Automatic Callback Busy	<table border="0" style="width: 100%;"> <tr> <td style="width: 50%; vertical-align: top;"> <p>To set <i>While hearing a busy tone</i>  ► </p> <p>To answer the extension  ► </p> </td> <td style="width: 50%; vertical-align: top;"> <p>To cancel  ►    ► </p> <p>To answer the outside (CO) line  ►  ► </p> </td> </tr> </table>	<p>To set <i>While hearing a busy tone</i>  ► </p> <p>To answer the extension  ► </p>	<p>To cancel  ►    ► </p> <p>To answer the outside (CO) line  ►  ► </p>
<p>To set <i>While hearing a busy tone</i>  ► </p> <p>To answer the extension  ► </p>	<p>To cancel  ►    ► </p> <p>To answer the outside (CO) line  ►  ► </p>		
During a Conversation			
Multiple Parties Conversation (conference)	<p>To add other parties  ► Select the key assigned as a CONFERENCE button. ►  ►  ►  ► Select the key assigned as a CONFERENCE button.</p> <p>To talk to one party by terminating the other  ► Select the F-CO key. /  ► Select the key assigned as a INTERCOM button.</p> <p>To leave a conference </p>		

Other Operations

Function	Operation
Useful Features	
Forwarding a call	
Do Not Disturb	
Picking up a call	
Sending a Call Waiting tone	<p><i>While hearing a busy tone</i></p>

Other Operations

Function	Operation
Useful Features	
Call Waiting	<p>  <div style="display: inline-block; vertical-align: middle;"> <div style="border: 1px solid black; border-radius: 50%; padding: 2px 5px;">*</div> <div style="border: 1px solid black; border-radius: 50%; padding: 2px 5px;">PQRS 7</div> <div style="border: 1px solid black; border-radius: 50%; padding: 2px 5px;">DEF 3</div> <div style="border: 1px solid black; border-radius: 50%; padding: 2px 5px;">1</div> </div> ▶ <div style="display: inline-block; vertical-align: middle;"> <div style="border: 1px solid black; border-radius: 50%; padding: 2px 5px;">Intercom Calls</div> </div> <div style="border: 1px solid black; border-radius: 50%; padding: 2px 5px;">*</div> <div style="border: 1px solid black; border-radius: 50%; padding: 2px 5px;">PQRS 7</div> <div style="border: 1px solid black; border-radius: 50%; padding: 2px 5px;">DEF 3</div> <div style="border: 1px solid black; border-radius: 50%; padding: 2px 5px;">ABC 2</div> </p>

1

OPER 0







Set

Other Operations

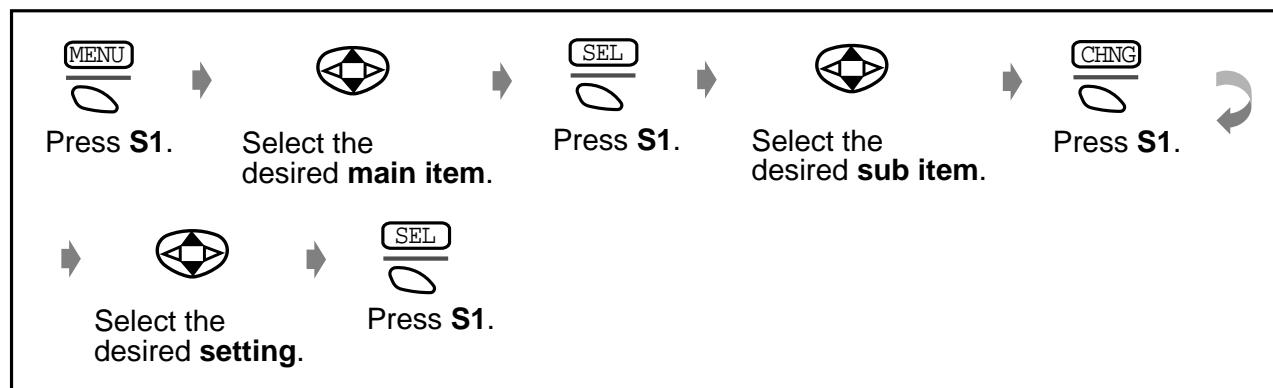
Function	Operation	
Useful Features		
Message Waiting	Sender	<p>To leave a notification <i>When the called extension is busy or does not answer</i></p> <p>[GHI 4 or] ▶ Select the key assigned as a MESSAGE button. ▶ </p> <p>To cancel a notification</p> <p> ▶ * PQRS 7 OPER 0 OPER 0 ▶ extension no. ▶ </p>
	Receiver	<p>To call back</p> <p> ▶ [* PQRS 7 OPER 0 ABC 2] or [] ▶ Select the key assigned as a MESSAGE button. ▶ </p>
Locking your extension	<p>To lock</p> <p> ▶ * PQRS 7 PQRS 7 1 ▶ lock code (max. 10 digits) ▶ # ▶</p> <p>▶ lock code (same code) ▶ # ▶ </p> <p>To unlock</p> <p> ▶ * PQRS 7 PQRS 7 OPER 0 ▶ lock code (max. 10 digits) ▶ #</p>	
Timed Reminder	<p>To set</p> <p> ▶ * PQRS 7 MNO 6 OPER 0 1 ▶</p> <div style="border: 1px dashed black; padding: 5px; display: inline-block;"> <p>12 H</p> <p>hour / minute ▶ [OPER 0 AM 1 PM] ▶</p> <p>24 H</p> <p>hour / minute</p> </div> <p>▶ [OPER 0 once 1 daily] ▶ </p> <p>To cancel</p> <p> ▶ * PQRS 7 MNO 6 OPER 0 OPER 0 ▶ </p> <div style="border: 1px dashed black; padding: 5px; display: inline-block;"> <p>To stop or answer the ringback</p> <p>[] ▶ Select the key assigned as a INTERCOM button. or </p> </div>	

◆◆ *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)	<input type="checkbox"/> Ringer Pattern no.	11
	RING PATTERN-CO		<input type="checkbox"/> Ringer Pattern 1 (Bell 1)	12
	RING PATTERN-GRP			13
	VIBRATION&RING	You can select the vibration and ring type.	<input type="checkbox"/> OFF	14
			<input type="checkbox"/> Ring&VIB (Ring and vibrate at the same time)	
			<input type="checkbox"/> VIB→RING (Vibrate for 5 seconds then ring)	
	QUICK ANSWER	You can answer a call by just lifting the PS off the charger.	<input type="checkbox"/> ON	15
	<input type="checkbox"/> OFF			
AUTO ANSWER	When you set the auto answer feature (press S2 and select "AUTO ANSWER"), you can answer a call automatically.	<input type="checkbox"/> INT ONLY (Intercom calls only)	16	
		<input type="checkbox"/> INT / CO (All calls)		

*¹ The default setting is in gray.

Programming

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)	<input type="checkbox"/> 6 s	17
			<input type="checkbox"/> _ 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.	<input type="checkbox"/> Group 0-9	18
	RING PATTERN		(CO-PATTERN, 6 Bells and 4 Melodies patterns)	
			<input type="checkbox"/> Ringer Pattern no.	
	LED PATTERN	(RED, GREEN, ORANGE, R->G, G->O, R->O, R->G->O, G->R->O)	<input type="checkbox"/> RED	
			<input type="checkbox"/> LED Pattern no.	
	VIB PATTERN	(SINGLE, DOUBLE, TRIPLE, SHORT TERM, CONTINUOUS)	<input type="checkbox"/> SINGLE	
			<input type="checkbox"/> Vibration Pattern no.	
	LCD BACKLIGHT		<input type="checkbox"/> ORANGE	
		<input type="checkbox"/> GREEN		
	ORIGINAL SETTING		<input type="checkbox"/> YES	
			<input type="checkbox"/> 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.	<input type="checkbox"/> ON	19
			<input checked="" type="checkbox"/> OFF	
DISPLAY SETTING	BACKLIGHT	You can turn off the key pad and display backlights.	<input checked="" type="checkbox"/> ON	21
			<input type="checkbox"/> IN-RECEIVING	
			<input type="checkbox"/> OFF	
DISPLAY SETTING	BACKLIGHT TIME	You can set the backlight time.	<input checked="" type="checkbox"/> 5s	22
			<input type="checkbox"/> 10s	
			<input type="checkbox"/> 15s	
			<input type="checkbox"/> 20s	
			<input type="checkbox"/> 25s	
			<input type="checkbox"/> 30s	
DISPLAY SETTING	LANGUAGE	You can select the display language.	<input checked="" type="checkbox"/> AUTO*2	23
			<input type="checkbox"/> ENGLISH	
			<input type="checkbox"/> ESPANOL	
			<input type="checkbox"/> FRANCAIS	

*1 The default setting is in gray.

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

Programming

Main Item	Sub Item	Description	Setting*1	Menu no.
DISPLAY SETTING	STANDBY DISPLAY	You can select the standby display.	<input type="checkbox"/> SYS-NO.& EXTN (System no. and extension no.)	24
			<input type="checkbox"/> SYS-NO. (System no.)	
			<input type="checkbox"/> EXTN (Extension no.)	
			<input type="checkbox"/> OFF	
	DATE/TIME DISPLY	You can select the date / time display for the standby mode.	<input type="checkbox"/> TIME-12H, MM/DD	25
			<input type="checkbox"/> TIME-24H, MM/DD	
			<input type="checkbox"/> TIME-12H, DD/MM	
			<input type="checkbox"/> TIME-24H, DD/MM	
			<input type="checkbox"/> DATE-MM/DD	
			<input type="checkbox"/> DATE-DD/MM	
	LCD CONTRAST	You can set the LCD contrast. (12 levels)	<input type="checkbox"/> LEVEL _	26
			<input type="checkbox"/> LEVEL 6	
BACKLIGHT COLOR	You can set the LCD backlight color.	<input type="checkbox"/> ORANGE	27	
		<input type="checkbox"/> 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.	<input type="checkbox"/> PS DIRECTORY	28
			<input type="checkbox"/> PBX SETTING	
BEEP SETTING	KEY TONE	You can turn off / on the key tone.	<input type="checkbox"/> ON	31
			<input type="checkbox"/> OFF	
	RANGE WARNING	You can turn off / on the range warning alarm.	<input type="checkbox"/> ON	32
			<input type="checkbox"/> OFF	
SECURITY SETTING	DIRECTORY LOCK	<p>You can lock / unlock the PS DIALING DIRECTORY and INCOMING/OUTGOING CALL LOG.</p> <p>If PS PASSWORD is set to DISABLE, it is required to enter the PS password to lock the directory.</p> <p>The PS PASSWORD is set to ENABLE automatically.</p>	<input type="checkbox"/> ON	41
			<input type="checkbox"/> OFF	
	PS PASSWORD	<p>You can set the password for the security setting.</p> <p>If DISABLE is set: -the PS Dialing Directory is unlocked automatically.</p> <p>If ENABLE is set, the PS password is required for the programming: -to enter SECURITY SETTING</p>	<input type="checkbox"/> ENABLE	42
			<input type="checkbox"/> DISABLE	

*1 The default setting is in gray.

Programming

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	<input type="checkbox"/> NO	43
			<input type="checkbox"/> YES	
	ALL PS-BOOK DEL	You can delete all items in the PS Dialing Directory all at once.	<input type="checkbox"/> NO	44
			<input type="checkbox"/> 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.	<input type="checkbox"/> SYSTEM 1-4 <input type="checkbox"/> NO	52
			<input type="checkbox"/> YES	
	SYSTEM LOCK	You can set the password for the system setting. If ENABLE is set, the password is required to enter SYSTEM SETTING.	<input type="checkbox"/> ENABLE	53
			<input type="checkbox"/> DISABLE	
	ACCESS SYSTEM	You can access the different system when more than two PBX are registered in the PS.	<input type="checkbox"/> AUTO	54
			<input type="checkbox"/> SYSTEM 1-4*3	
	CHANGE PIN	You can change the PIN for registration and the PIN should be the same as PBX PIN.	<input type="checkbox"/> 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	<p>You can change the key menu assignment.</p> <p>To edit:</p> <ol style="list-style-type: none"> 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 . 	<p>1 ICM</p> <p>2 PAUSE</p> <p>3 TRANSFER</p> <p>4 HOLD</p> <p>5 FWD/DND</p> <p>6 MESSAGE</p> <p>7 FLASH (RECALL)</p> <p>8 AUTO ANSWER</p>	61
	FCO LABEL EDIT	<p>You can edit the F-CO label.</p> <p>To edit:</p> <ol style="list-style-type: none"> 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 . 		


*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 Servicers 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

Copyright:

This manual is copyrighted by Kyushu Matsushita Electric Co., Ltd. (KME). Under the applicable copyright laws, this manual may not be reproduced in any form, in whole or part, without the prior written consent of KME and its licensee.

© 2001 Kyushu Matsushita Electric Co., Ltd. All Rights Reserved.

Printed in Japan

PSQX2512ZA KK0102YS0