

## 1.2 Proprietary Telephone Settings

If you use a Panasonic proprietary telephone, you can customise your telephone functions. For example, you can change the initial settings according to your needs or the button functions on your telephone. To program, you need to switch your telephone to the programming mode. During the programming mode, your telephone is busy to outside callers. If you want to make a call, you must exit from programming mode.



- This feature cannot be used with a single line telephone.
- Be sure the handset is on the cradle and the SP-PHONE button is off.
- To program, set the MEMORY switch on the proprietary telephone to “PROGRAM”. When you enter the Programming mode, the display shows the following message as the initial programming mode.

PITS-PGM NO? →

The display also gives you helpful or stored data information related to the programming steps. You can also refer to the “Display Example” in the Appendix (Section 2.4).

- After programming, return the MEMORY switch to the “SET” position.
- If you move your desk and change take your telephone with you, reset as desired. Your settings will not remain in your telephone but will remain at your previous extension port.
- During the programming mode, your extension is treated as a busy extension.

### To enter the Programming Mode

**PT**

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

MEMORY



SET • PROGRAM

Set the MEMORY switch to “PROGRAM” .

### To exit the Programming Mode

**PT**

*When the display shows the initial programming mode;*

MEMORY



SET • PROGRAM

Set the MEMORY switch to “SET”.

Programming is completed and the normal operation resumes.

### When storing data

After pressing the STORE button to store data, you will hear one of the following tones.

- Confirmation tone (1 beep): storage is completed.
- Confirmation tone (2 beeps): the data is the same as the last entry.
- Alarm tone (3 beeps): the entry is not valid.

## 1.2 Proprietary Telephone Settings

### Customising Your Telephone Functions

You can change the initial settings of your telephone. Check the available items in the list and change the settings, if required.

#### Preferred Line Assignment — Outgoing

**Idle Line Preference:** You can access any permitted idle exchange line to make a call directly by going off-hook.

**Prime Line Preference:** You can access a predetermined exchange line directly by going off-hook.

**No Line Preference: (default)** You cannot access an exchange line by going off-hook. Choose the exchange line using 9 or 0, or a line key.

SELECTION	PROGRAMMING INPUT
<input type="checkbox"/> Idle Line Preference.	<div style="display: flex; align-items: center; gap: 10px;"> <div style="display: flex; gap: 5px;"> <div style="border: 1px solid black; padding: 2px 5px;">1</div> <div style="border: 1px solid black; padding: 2px 5px;">2</div> </div> <div style="border: 1px solid black; padding: 2px;">           AUTO DIAL  <input style="width: 40px; height: 15px;" type="text"/>            STORE         </div> </div>
<input type="checkbox"/> Prime Line Preference.	<div style="display: flex; align-items: center; gap: 10px;"> <div style="display: flex; gap: 5px;"> <div style="border: 1px solid black; padding: 2px 5px;">1</div> <div style="border: 1px solid black; padding: 2px 5px;">3</div> </div> <div style="border: 1px solid black; padding: 2px;">           exchange line no.            Enter the exchange line number (1 through 6).         </div> <div style="border: 1px solid black; padding: 2px;">           AUTO DIAL  <input style="width: 40px; height: 15px;" type="text"/>            STORE         </div> </div>
<input type="checkbox"/> No Line Preference.	<div style="display: flex; align-items: center; gap: 10px;"> <div style="display: flex; gap: 5px;"> <div style="border: 1px solid black; padding: 2px 5px;">1</div> <div style="border: 1px solid black; padding: 2px 5px;">1</div> </div> <div style="border: 1px solid black; padding: 2px;">           AUTO DIAL  <input style="width: 40px; height: 15px;" type="text"/>            STORE         </div> </div>



- Setting a new line preference feature will cancel the previous setting.
- The user can override the Idle/Prime Line Preference temporarily to select a specific line. To select it, press the desired line access key (INTERCOM or line key) before going off-hook or pressing the SP-PHONE/MONITOR button.
- If there are only 3 lines in the system, exchange line numbers 4 through 6 cannot be used.

## 1.2 Proprietary Telephone Settings

### Preferred Line Assignment — Incoming

- No Line Preference:** When an incoming outside call is received, the extension user must go off-hook and then press the flashing line key.
- Prime Line Preference:** When incoming exchange line calls are received at the same time, you can receive the call on the preferred exchange line first only by going off-hook.
- Ringing Line Preference: (default)** When an incoming outside call is received, you can receive the call ringing at your telephone by going off-hook.

SELECTION	PROGRAMMING INPUT
<input type="checkbox"/> No Line Preference.	<div style="display: flex; align-items: center; gap: 10px;"> <div style="border: 1px solid black; padding: 2px 5px;">2</div> <div style="border: 1px solid black; padding: 2px 5px;">1</div> <div style="border: 1px solid black; padding: 2px;">           AUTO DIAL  <input style="width: 40px; height: 15px;" type="text"/>            STORE         </div> </div>
<input type="checkbox"/> Prime Line Preference.	<div style="display: flex; align-items: center; gap: 10px;"> <div style="border: 1px solid black; padding: 2px 5px;">2</div> <div style="border: 1px solid black; padding: 2px 5px;">3</div> <div style="border: 1px solid black; padding: 2px;">           exchange line no.            Enter the exchange line number (1 through 6).         </div> <div style="border: 1px solid black; padding: 2px;">           AUTO DIAL  <input style="width: 40px; height: 15px;" type="text"/>            STORE         </div> </div>
<input type="checkbox"/> Ringing Line Preference.	<div style="display: flex; align-items: center; gap: 10px;"> <div style="border: 1px solid black; padding: 2px 5px;">2</div> <div style="border: 1px solid black; padding: 2px 5px;">2</div> <div style="border: 1px solid black; padding: 2px;">           AUTO DIAL  <input style="width: 40px; height: 15px;" type="text"/>            STORE         </div> </div>



- Setting a new line preference feature will cancel the previous setting.
- In “Prime Line Preference” mode, if incoming exchange line calls are received at the same time except for the preferred exchange line, you must go off-hook and then press the line key whose indicator is flashing red quickly.

### Exchange Line Ringing Selection

You can select whether the extension will ring or not when an outside call is received at your extension.

PROGRAMMING INPUT		
<div style="border: 1px solid black; padding: 2px 5px; width: 20px; height: 20px; margin: 0 auto;">3</div>	<div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;">exchange line no.</div> Enter the exchange line numbers you want to ring (1 through 6).	<div style="border: 1px solid black; padding: 2px;">           AUTO DIAL  <input style="width: 40px; height: 15px;" type="text"/>            STORE         </div>



- The “Flexible Ringing Assignment” should be set to “Enable”. (See the Installation Manual.)
- When an outside call is received at your extension but does not ring, the line key will flash. If you want to answer the outside call, press the flashing line key.

## 1.2 Proprietary Telephone Settings

### Intercom Alert Assignment

The type of intercom alerting signal (tone/voice) can be selected by programming.

**Voice Call:** Call arrival is indicated by the caller announcing themselves through the speaker on the receiving extension.

**Tone Call (default):** Normal ringing is heard at the receiving extension.

SELECTION	PROGRAMMING INPUT
<input type="checkbox"/> Voice Call	<div style="display: flex; align-items: center; gap: 10px;"> <div style="border: 1px solid black; padding: 2px 5px;">4</div> <div style="border: 1px solid black; padding: 2px 5px;">2</div> <div style="text-align: center;">           AUTO DIAL  <input style="width: 40px; height: 15px;" type="text"/>            STORE         </div> </div>
<input type="checkbox"/> Tone Call (Cancels the Voice Call.)	<div style="display: flex; align-items: center; gap: 10px;"> <div style="border: 1px solid black; padding: 2px 5px;">4</div> <div style="border: 1px solid black; padding: 2px 5px;">1</div> <div style="text-align: center;">           AUTO DIAL  <input style="width: 40px; height: 15px;" type="text"/>            STORE         </div> </div>

### Call Waiting Tone Selection

You can select the type of call waiting tone, either Tone 1 (default) or Tone 2.

SELECTION	PROGRAMMING INPUT
<input type="checkbox"/> Tone 1	<div style="display: flex; align-items: center; gap: 10px;"> <div style="border: 1px solid black; padding: 2px 5px;">5</div> <div style="border: 1px solid black; padding: 2px 5px;">1</div> <div style="text-align: center;">           AUTO DIAL  <input style="width: 40px; height: 15px;" type="text"/>            STORE         </div> </div>
<input type="checkbox"/> Tone 2	<div style="display: flex; align-items: center; gap: 10px;"> <div style="border: 1px solid black; padding: 2px 5px;">5</div> <div style="border: 1px solid black; padding: 2px 5px;">2</div> <div style="text-align: center;">           AUTO DIAL  <input style="width: 40px; height: 15px;" type="text"/>            STORE         </div> </div>



- 1.5 During a Conversation, “Call Waiting”
- 2.1 Tone / Ring Tone List

### Proprietary Telephone Setting – Data Default Set

Allows you to reset the proprietary telephone’s settings to the default settings.

- Preferred Line Assignment — Outgoing (default: No Line Preference)
- Preferred Line Assignment — Incoming (default: Ringing Line)
- Exchange Line Ringing Selection (default: Ring – all exchange lines)
- Intercom Alert Assignment (default: Tone Call)
- Call Waiting Tone Selection (default: Tone 1)

OPERATION
<div style="display: flex; align-items: center; gap: 20px;"> <div style="border: 1px solid black; padding: 2px 5px;">#</div> <div style="border: 1px solid black; padding: 2px 5px;">*</div> <div style="text-align: center;">           AUTO DIAL  <input style="width: 40px; height: 15px;" type="text"/>            STORE         </div> </div>



- This feature also cancels the Handsfree Answerback feature. The operation of the AUTO ANSWER/MUTE button in the Room Monitor feature is also affected.

## 1.2 Proprietary Telephone Settings

### Customising the Buttons on Your Telephone

#### Changing the Flexible Buttons

You can change the flexible buttons on your telephone to certain function buttons. For example, if your telephone has more line keys than available exchange lines, you may change the unused line keys to One-Touch Dialling buttons, etc.

The 4 types of flexible buttons are as follows:

- **Flexible Line Keys** (located on a PT only)
- **Flexible DSS Buttons** (located on a DSS Console only)
- **Programmable Feature (PF) Buttons** (located on a PT and DSS Console)
- **Flexible MESSAGE Buttons** (located on a PT)

Check the required operation first. If your telephone is not provided with the button you want, you can assign the button using this program.

FUNCTION	PROGRAMMABLE BUTTON			
	LINE	DSS	PF	MESSAGE
DSS (Direct Station Selection)	✓	✓		✓
One-Touch Dialling	✓	✓	✓	✓
CONF (Conference)	✓			
FWD/DND (Forward/Do Not Disturb)	✓			
SAVE	✓			
Log-In/Log-Out	✓			
Single Exchange Line (S-CO)	✓			
Other Exchange Lines (O-CO)	✓			
Trunk Group (G-CO)	✓			
MESSAGE (Message Waiting)				✓
Day		✓		
Night		✓		
Lunch		✓		
Extension Lock		✓		

“✓” indicates that the feature is available.



- **To confirm the stored function data**  
Press the button you want to confirm.
- As to the buttons on your proprietary telephone, please refer to your proprietary telephone manual.

## 1.2 Proprietary Telephone Settings

### Line Access Keys

One of the following 3 types of line keys must be used to select an exchange line when making a call.

- **Trunk Group (G-CO) key**
- **Other Exchange Lines (O-CO) key**
- **Single Exchange Line (S-CO) key**



- A flexible line key can be assigned as a Line Access Key (G-CO, O-CO or S-CO) in Proprietary Telephone Settings. Once a flexible line key is assigned as a Line Access Key, it provides the line status using lighting patterns and colour indication. Please refer to “2.2 LED Indication”.
- You can set the G-CO and S-CO keys on one telephone. Incoming and outgoing calls on the line are shown on the key in the following priority. S-CO > G-CO

### Single Exchange Line (S-CO) Key

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



- Only one S-CO key can be assigned to an exchange line.
- The same exchange line can be assigned as a S-CO key and G-CO key.

### Other Exchange Lines (O-CO) Key

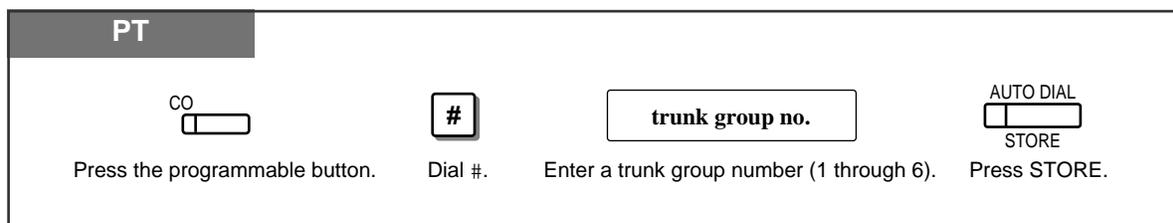
Exchange lines which are not assigned to S-CO or G-CO keys can be assigned to a flexible line key on a proprietary telephone. The assigned button serves as the O-CO key. An incoming call, on an unassigned exchange, arrives at the O-CO key. To make an outside call, you simply press the designated O-CO key.



## 1.2 Proprietary Telephone Settings

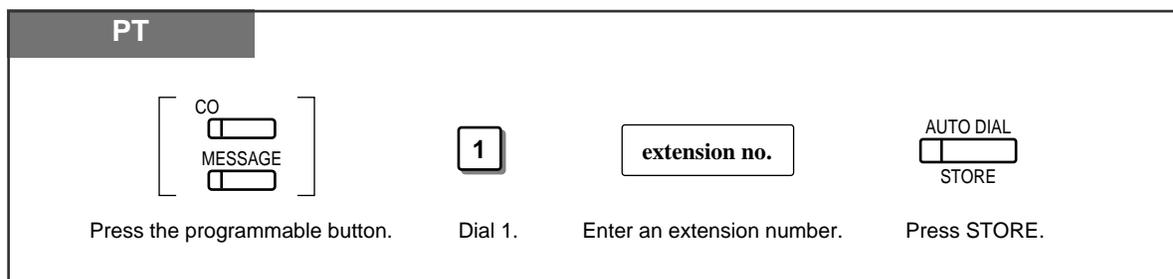
### Trunk Group (G-CO) Key

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



- The same line can be assigned as a S-CO key and G-CO key.
- The exchange lines for making and/or receiving calls in trunk groups must be pre-programmed.
- When your extension is assigned as the incoming call destination for an exchange line, you cannot receive any incoming exchange line calls unless a G-CO, O-CO or S-CO key associated with the line is assigned.

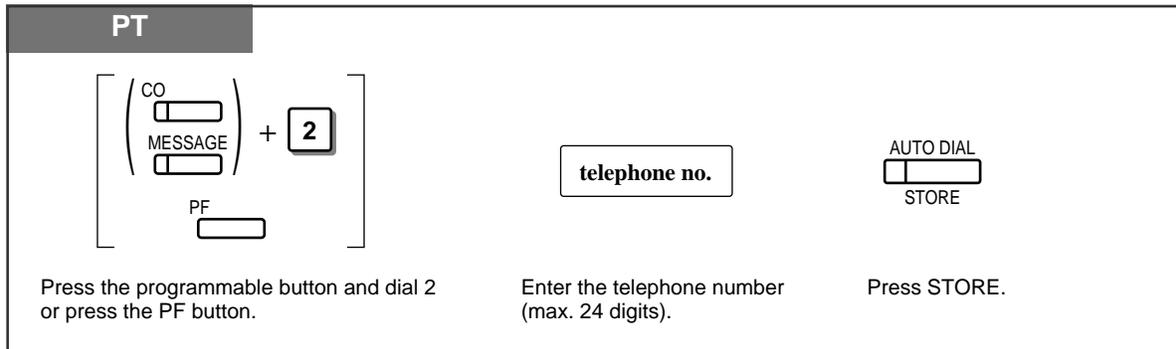
### DSS (Direct Station Selection) Button



- 1.3 Making Calls, “Intercom Calling”

## 1.2 Proprietary Telephone Settings

### One-Touch Dialling Button

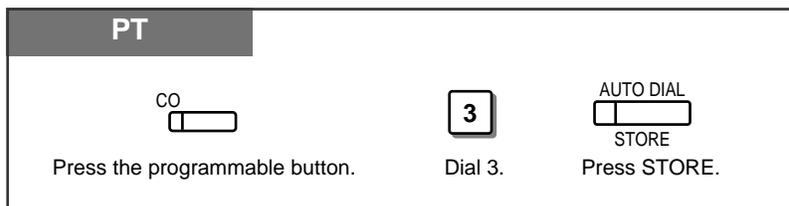


- To store the telephone number of an external party, a line access code (9, 0 or 81 through 86) must be stored as the first digit.
- You can use 0 through 9, \*, #, PAUSE and INTERCOM (Secret) as follows.  
PAUSE: inserts a pause.  
INTERCOM: conceals all or part of a stored number.
- The number of Personal Speed Dialling numbers corresponds to the number of PF buttons assigned as One-Touch Dialling. (PF buttons are on a proprietary telephone.) You cannot assign both the One-Touch Dialling and Personal Speed Dialling features. For example, if you assign One-Touch Dialling to the PF 1 button and then Personal Speed Dialling 0, the Personal Speed Dialling 0 feature will overwrite the One-Touch assignment.



- 1.7 Useful Features, “Secret Dialling”

### CONF (Conference) Button

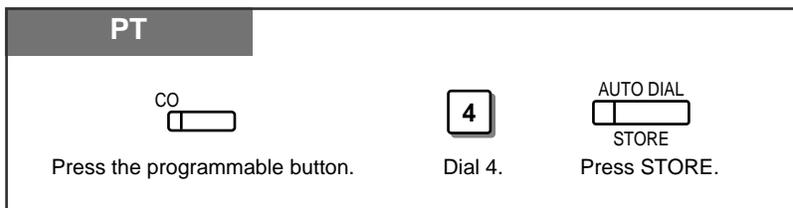


- 1.7 Useful Features, “Conference (3-party)”
- 1.7 Useful Features, “Conference, Unattended”
- 1.7 Useful Features, “Conference (5-party)”

## 1.2 Proprietary Telephone Settings

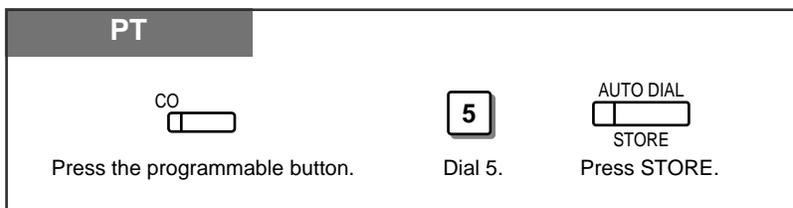
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### ***FWD/DND (Forward/Do Not Disturb) Button***



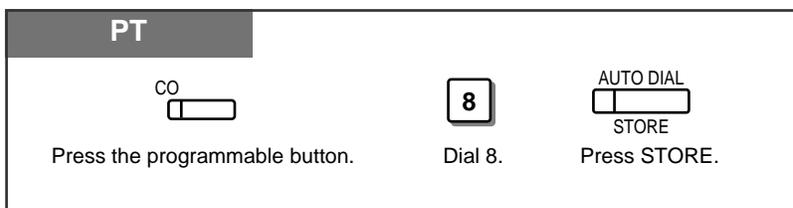
- 1.6 Before Leaving Your Desk, “Forwarding a Call (Call Forwarding)”
- 1.7 Useful Features, “Rejecting Incoming Calls (Do Not Disturb – DND)”

### ***SAVE Button***



- 1.3 Making Calls, “Redialling the Saved Number (Saved Number Redial)”

### ***Log-In/Log-Out Button***

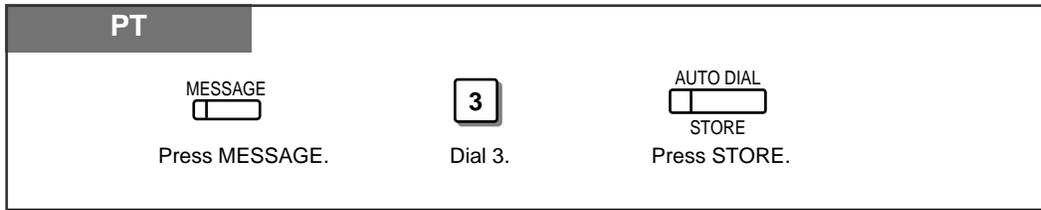


- 1.7 Useful Features, “Joining or Leaving a Call Distribution Group (Log-In/Log-out)”
- See the Installation Manual, Section 3, “Log-In/Log-Out”.

## 1.2 Proprietary Telephone Settings

### Restoring the MESSAGE Button

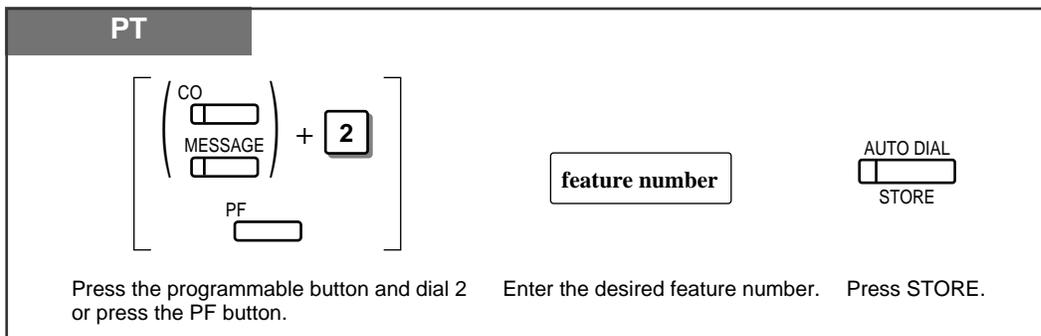
Allows you to restore the message waiting feature to the MESSAGE button.



### One-Touch Access for System Features

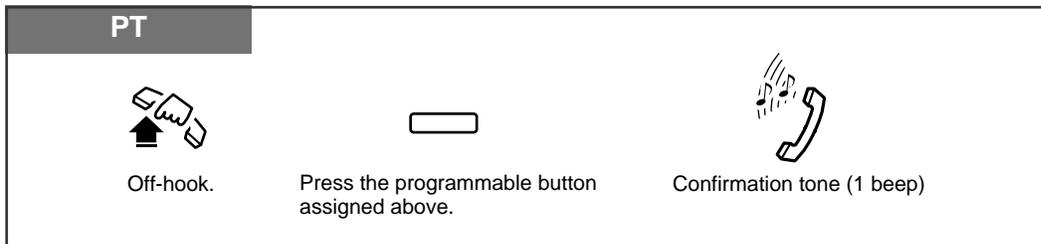
Features that can be accessed using the dialling buttons can also be programmed into memory.

#### Programming



- If you want to use a programmable feature button as a button for External Feature Access, you can press the RECALL button instead of the feature number. When you press the assigned button, you can access special features (e.g. Call Waiting) offered by a host PBX or Local Exchange.

#### To Access



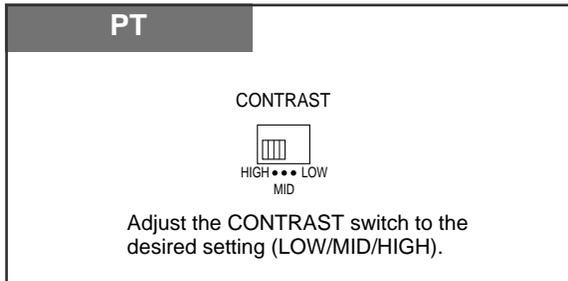
- Whether the confirmation tone is heard or not depends upon the programmable feature.

## 1.2 *Proprietary Telephone Settings*

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### *Display Contrast Adjustment*

The CONTRAST selector is used to adjust the display contrast.

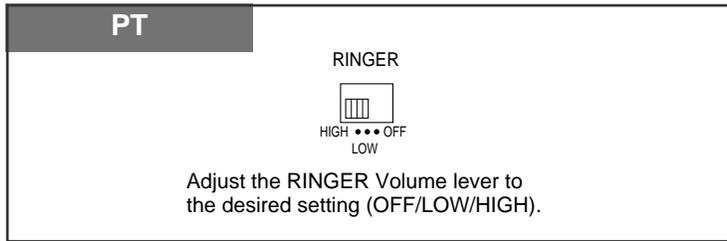


- This feature is available for a KX-T7130 only.

## 1.2 Proprietary Telephone Settings

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### *To adjust the ringer volume*



### *To adjust the speaker volume*

