



**Panasonic®**



# ***Quick Reference Guide***

**Model No. KX-T7710**

## ***Attention***

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**When using the KX-T7710, keep the following conditions in mind.**

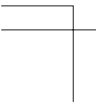

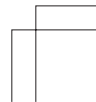
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- If there is any problem, unplug the extension line and connect a known working phone. If the known working phone operates properly, have the defective phone repaired by a specified Panasonic Factory Service Centre. If the known working phone does not operate properly, check the Panasonic KX series Business Telephone System and the internal extension wiring.
  - Keep the unit away from heating appliances and electrical noise generating devices such as fluorescent lamps and motors.
  - The unit should be kept free of dust, moisture and vibration, and should not be exposed to direct sunlight.
  - Do not use benzine, thinner, or any abrasive powder to clean the cabinet. Wipe it with a soft cloth.
  - Do not disassemble this product. Dangerous electrical shock could result. The unit must only be disassembled and repaired by qualified service technicians.
  - Do not use any handset other than a Panasonic handset.
  - Never attempt to insert wires, pins, etc, into the vents or other holes of this unit.
  - When a failure occurs which exposes any internal parts, disconnect the telephone line cord immediately and return the unit to a service centre.

### **WARNING:**

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

THIS HANDSET EARPIECE IS MAGNETISED AND MAY RETAIN SMALL FERROUS OBJECTS.

### **Note:**





























- In this manual, the suffix of each model number is omitted.
  - This Class B digital apparatus complies with Canadian ICES-003.
  - This product is intended to be connected to Panasonic KX series Business Telephone System.
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# Features List

 Off-hook   
  On-hook   
  Feature number   
  Talk

\* The Feature numbers described in this manual are for KX-TD500 or KX-TD816/KX-TD1232. If a different Panasonic KX series Business Telephone System is connected, please refer to its manuals.

\* "Location of Controls" is shown on page 5.

Desired Function	Operation					
<b>Making Calls</b>						
Calling	To an extension  ► extension no. ► 	To an external party  ► line access no. ► phone no. ► 				
Redial	 ►  ► 	The REDIAL will dial the last number you called manually.				
Quick Dialling	 ► quick dial no. ► 					
One-touch Dialling	To store  ► PROGRAM ► desired no. (max., 22 digits) ►  Press One-touch button.					
	To dial  ►  Press One-touch button. ► 					
Calling an operator	 ► OPER 0 ► 					
Station Speed Dialling	To store  ► PROGRAM ► desired no. (max., 22 digits) ► AUTO  ► Station speed dial no. (0-9)					
	To dial  ► AUTO  ► Station speed dial no. (0-9) ► 					
System Speed Dialling	To dial  ► * ► System speed dial no. ► 					
<b>When the Dialed Extension is Busy/No Answer</b>						
Message Waiting	Sender	To leave/cancel a notification  ► 7 0 ► <table border="1" style="display: inline-table; vertical-align: middle;"> <tr> <td>1</td> <td>Leave</td> </tr> <tr> <td>0</td> <td>Cancel</td> </tr> </table> ► extension no. ► 	1	Leave	0	Cancel
	1	Leave				
0	Cancel					
Receiver	To call back  ► MESSAGE  ► 					

# Features List

Desired Function	Operation
<b>During a Conversation</b>	
Holding a call	<p><b>Holding</b></p> <p>FLASH/RECALL R → 5 0 → </p> <p>To retrieve a call at the holding extension</p> <p> → 5 0 → </p>
Transferring a call	<p>FLASH/RECALL R → dial no. →  → </p> <p>Announce.</p>
<b>Useful Features</b>	
Paging	<p><b>To page</b></p> <p> →</p> <div style="border: 1px solid black; padding: 5px; display: inline-block;"> <p>All groups &amp; external speakers 3 2 *</p> <p>Specific group 3 3 [group no.]</p> <p>All groups 3 3 0 <input type="checkbox"/> KX-TD816/KX-TD1232 3 3 # <input type="checkbox"/> KX-TD500</p> <p>All external speakers 3 2 0</p> <p>Specific external speaker 3 2 [external speaker no.]</p> </div> <p>→  Announce.</p>
	<p><b>To answer a page</b></p> <p> →</p> <div style="border: 1px solid black; padding: 5px; display: inline-block;"> <p>From a telephone speaker 4 3</p> <p>From an external speaker 4 2 [external speaker no.]</p> </div> <p>→ </p>
Three-party Conference	<p><i>During a conversation</i></p> <p>FLASH/RECALL R → [desired phone no.] →  → FLASH/RECALL R → 3</p>
Locking your extension	<p><b>To lock</b></p> <p> → 7 7 <input type="checkbox"/> KX-TD816/ KX-TD1232 → [lock code] [lock code] → </p> <p>7 6 2 <input type="checkbox"/> KX-TD500</p>
	<p><b>To unlock</b></p> <p> → 7 7 <input type="checkbox"/> KX-TD816/ KX-TD1232 → [lock code] → </p> <p>7 6 2 <input type="checkbox"/> KX-TD500</p>

## Operations in NORMAL Mode

### ◆◆ One-touch buttons

Five One-touch buttons can be used as a One-touch dialling button or to access a feature.

### ◆◆ Station Speed Dialling

You can store up to 10 Station speed dial numbers.

### ◆◆ MESSAGE Button

You can change the feature access number for the MESSAGE Button. [Default: 702]  
For more detail, refer to the manuals for the connected Panasonic KX series Business Telephone Systems.



### ◆◆ Setting Lock/Unlock

You can lock the settings for one-touch buttons and MESSAGE button. [Default: Unlock]



### ◆◆ Confirmation in Programming Mode

When programming, you can confirm your entry by three types of beep sound.

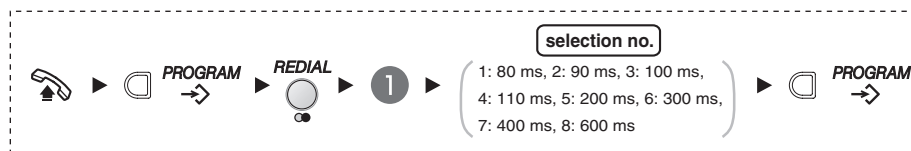
- One long beep: Your entry is accepted.
- Two beeps: Your entry is same as a previous entry.
- Three beeps: Your entry is rejected.

### ◆◆ Memory Back Up

If the telephone line is disconnected for more than three days, the stored numbers for One-touch dialling and Speed dialling will be erased. Please store them again. Also, the settings for MESSAGE and Flash time will return to the default settings.

### ◆◆ Flash Time

Before programming the length of Flash time, make sure the position of the **Mode switch** lever is "NORMAL". Enter the appropriate selection number for your country. [Default: 600 ms]

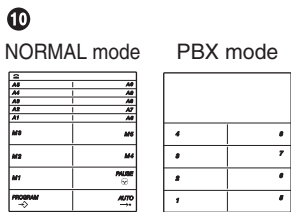
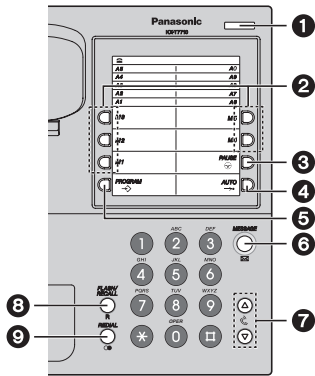


**Regarding other operations, please refer to the manuals for the connected Panasonic KX series Business Telephone Systems.**

## Location of Controls

The KX-T7710 has two modes, NORMAL Mode and Panasonic PBX Mode\*. Please use the corresponding side of the Telephone Card depending on the mode.

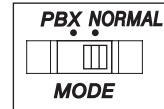
\*The PBX Mode may not be available depending on the model of the connected Panasonic KX series Business Telephone Systems.  
For more detail, please consult your dealer.



	NORMAL Mode	PBX Mode
1	<b>Message/Ringer Lamp:</b> Flashes when you receive a call or when someone has left you a message.	
2	<b>One-touch Buttons (M1-M5):</b> Used to access a feature or as a One-touch dialling button.	<b>One-touch Buttons (1-8):</b> Used as a One-touch button which is set by the Panasonic KX series Business Telephone Systems; you do not need to program at your extension.
3	<b>PAUSE:</b> Used to insert a pause when storing a telephone number.	
4	<b>AUTO:</b> Used for Station Speed dialling.	
5	<b>PROGRAM:</b> Used to enter the programming mode.	
6	<b>MESSAGE:</b> Used to call back the party who left the message waiting indication.	
7	<b>Handset Volume Control Buttons:</b> Used to adjust the handset volume.	
8	<b>FLASH/RECALL:</b> Used to send a flash signal in order to access a PBX feature (eg., Hold, Transfer, or Three-party Conference).	
9	<b>REDIAL:</b> Used to redial the last dialled number.	
10	<b>Telephone Card:</b> Has two sides (NORMAL mode, PBX mode).	

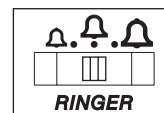
### Confirming the Mode

You can confirm the current mode by the position of the **Mode switch** lever (at the bottom of the unit). [Default: NORMAL]



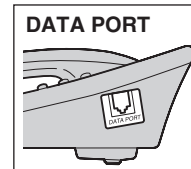
### Adjusting the RINGER Volume

Adjust the **RINGER volume** selector lever (at the bottom of the unit) to the desired setting. (Δ – LOW, Δ – MIDDLE, Δ – HIGH)  
[Default: MIDDLE]



### Connecting a Communication Device

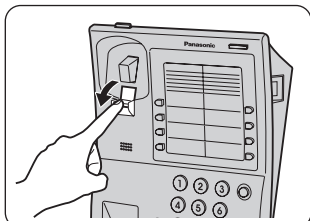
To connect a communication device such as a computer modem to the telephone line, please use the **DATA PORT** (at the right side of the unit). RJ11 modular jack is available.



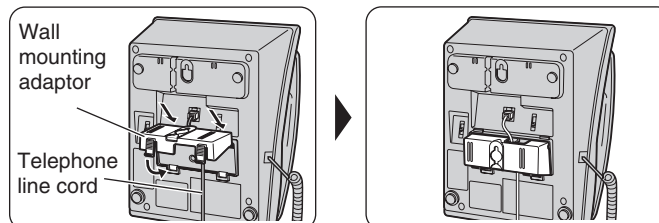
## Things You Should Know

### ■ Wall Mounting

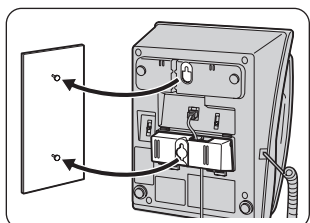
1



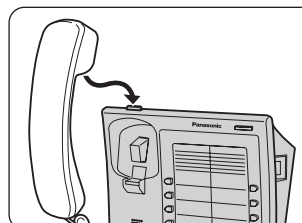
2



3

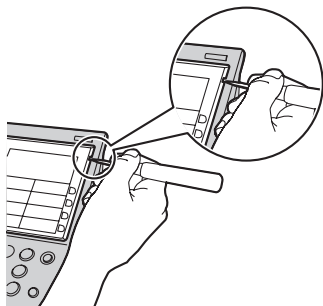


**To temporarily  
place the handset  
down during a  
conversation:**

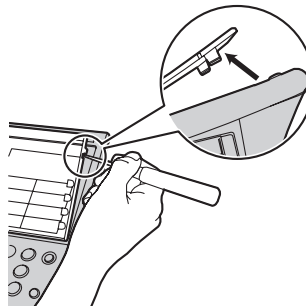


### ■ Removing the Telephone Card Cover

1



2



## ***Important Information***

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### **NOTICE:**

This equipment meets the applicable Industry Canada Terminal Equipment Technical Specifications. This is confirmed by the registration number. The abbreviation, "IC:", before the registration number signifies that registration was performed based on a Declaration of Conformity indicating that Industry Canada technical specifications were met. It does not imply that Industry Canada approved the equipment.

Before installing this equipment, users should ensure that it is permissible to be connected to the facilities of the local telecommunications company. The equipment must also be installed using an acceptable method of connection. The customer should be aware that compliance with the above conditions may not prevent degradation of service in some situations.

Repairs to certified equipment should be coordinated by a representative designated by the supplier. Any repairs or alterations made by the user to this equipment, or equipment malfunctions, may give the telecommunications company cause to request the user to disconnect the equipment.

Users should ensure, for their own protection, that the electrical ground connections of the power utility, telephone lines and internal metallic water pipe system, if present, are connected together. This precaution may be particularly important in rural areas.

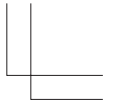
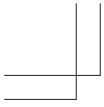
### **Caution:**

Users should not attempt to make such connections themselves, but should contact the appropriate electric inspection authority, or electrician, as appropriate.

### **NOTICE:**

The **Ringer Equivalence Number (REN)** assigned to each terminal device provides an indication of the maximum number of terminals allowed to be connected to a telephone interface. The termination on an interface may consist of any combination of devices subject only to the requirement that the sum of the Ringer Equivalence Numbers of all the devices does not exceed 5.

The Ringer Equivalence Number (REN) of This Unit:  
(found on the bottom of the unit).



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