



Proprietary Telephone

Quick Reference Guide



Model No. **KX-T7737**

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Thank you for purchasing the Panasonic KX-T7737 Proprietary Telephone. Please read this manual before using and save for future reference.
































This product can be used with a Panasonic KX-TA624/KX-TA824/KX-TAW848/KX-TDA series PBX.

Included Accessories: (for extra orders, call toll free 1-800-332-5368)	
• Handset 1	• Handset Cord 1
• Telephone Line Cord 1	• Stand 1
• Overlay 1	
























Operation for KX-TA624/TA824

 Outside (CO) Line button
  Programmable Feature button
  Feature number

























 Off-hook
  On-hook
  Talk
 * "Location of Controls" is shown on pages 14-15.

Desired Feature	Operation
Making Calls	
Calling	<p>To an extension</p>  ►  / extension no. ► 
	<p>To an external party</p>  ►  ► phone no. ► 
Redial	 ►  ► 
One-touch Dialing	<p>To program</p>  ►  (2) /  ► desired no. ►  ► 
	<p>To dial</p>  ►  /  ► 
Calling an operator	 ► 0 ► 
Speed Dialing (Personal)	<p>To store</p>  ► 2 * ► personal speed dial no. (0-9) ► desired no. ► 
	<p>To dial</p>  ► # ► personal speed dial no. (0-9) ► 
Speed Dialing (System)	<p>To dial</p>  ►  ► system speed dial no. (00-99) ► 
Receiving Calls	
Hands-free answerback	<p>While on-hook</p> 
Picking up a call	 ► <div style="border: 1px dashed black; padding: 5px; display: inline-block;"> <p>Directed</p> <p>4 ► extension no. ► </p> <p>Group</p> <p>4 0 ► </p> </div>












Operation for KX-TA624/TA824

Desired Feature	Operation																								
When the Dialed Extension is Busy/No Answer																									
Automatic Callback Busy	To set <i>While hearing a busy tone</i> 	To call <i>If you hear callback ringing</i> 																							
Message Waiting	Sender	To leave a notification  ►  <hr/> To cancel a notification  ► receiver's extension no. ►  ►  ► 																							
	Receiver	To call back  ►  ►  <hr/> To clear all notifications  ► 7 0 0 ► # ► 																							
Call Waiting	Sender	<i>While hearing a busy tone</i> 1 ► Wait for an answer. ► 																							
	Receiver	 ► <div style="border: 1px dashed black; padding: 10px; display: inline-block; margin: 10px;"> <p>For outside calls</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="border: 1px solid black; padding: 2px;">7</td> <td style="border: 1px solid black; padding: 2px;">3</td> <td style="border: 1px solid black; padding: 2px;">1</td> <td style="border: 1px solid black; padding: 2px;">1</td> <td style="border: 1px solid black; padding: 2px;">#</td> <td>Set</td> </tr> <tr> <td style="border: 1px solid black; padding: 2px;">7</td> <td style="border: 1px solid black; padding: 2px;">3</td> <td style="border: 1px solid black; padding: 2px;">1</td> <td style="border: 1px solid black; padding: 2px;">0</td> <td style="border: 1px solid black; padding: 2px;">#</td> <td>Cancel</td> </tr> </table> <p>For intercom calls</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="border: 1px solid black; padding: 2px;">7</td> <td style="border: 1px solid black; padding: 2px;">3</td> <td style="border: 1px solid black; padding: 2px;">2</td> <td style="border: 1px solid black; padding: 2px;">1</td> <td style="border: 1px solid black; padding: 2px;">#</td> <td>Set</td> </tr> <tr> <td style="border: 1px solid black; padding: 2px;">7</td> <td style="border: 1px solid black; padding: 2px;">3</td> <td style="border: 1px solid black; padding: 2px;">2</td> <td style="border: 1px solid black; padding: 2px;">0</td> <td style="border: 1px solid black; padding: 2px;">#</td> <td>Cancel</td> </tr> </table> </div> ►  <hr/> To talk to the new party <i>While hearing the Call Waiting tone</i> Terminating a current status  /  ►  <hr/> Holding a current status  ►  /  ► 	7	3	1	1	#	Set	7	3	1	0	#	Cancel	7	3	2	1	#	Set	7	3	2	0	#
7	3	1	1	#	Set																				
7	3	1	0	#	Cancel																				
7	3	2	1	#	Set																				
7	3	2	0	#	Cancel																				

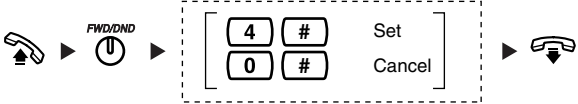
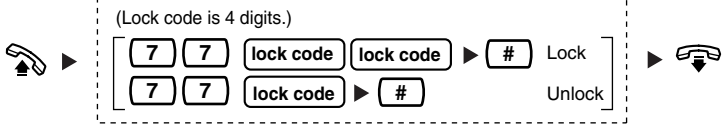
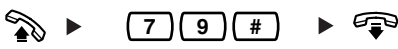
Operation for KX-TA624/TA824

Desired Feature	Operation
During a Conversation	
Holding a call	<p>Holding</p>  <p>To retrieve a call at the holding extension</p>   /  
	<p>To retrieve an outside call from another extension</p>   
Holding a call exclusively	<p>Holding</p>   
	<p>To retrieve a call on exclusive hold</p>   /  
Transferring a call	<p>Screened</p>  <div style="display: inline-block; vertical-align: middle;"> <p>extension no.</p> <p>To an extension</p> </div> <div style="display: inline-block; vertical-align: middle;"> <p>phone no.</p> <p>To an external party (System programming is required.)</p> </div> <p>Wait for an answer.  Announce. </p>
	<p>Unscreened to an extension</p>  <p>extension no.</p> 
Useful Features	
Paging	<p>To page</p>  <div style="border: 1px dashed black; padding: 10px; display: inline-block;"> <p>All extensions</p> <p>3 3 0</p> <p>Group</p> <p>3 3 group no.</p> <p>All external speakers</p> <p>3 4</p> <p>All extensions & external speakers</p> <p>3 3 *</p> </div> <p>Announce. </p>
	<p>To answer an announced page</p>  <p>4 3</p> 




Operation for KX-TA624/TA824

Desired Feature	Operation																																		
Useful Features																																			
Three-party conference	 ► third party's no. ►  ►  ► 																																		
Setting Absent Message	<p>To set</p>  ► 7 5 ► message no. ► parameter (if required) ► # ► 																																		
Log-in/Log-out	 ► <table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td style="padding: 2px 5px;">7</td> <td style="padding: 2px 5px;">3</td> <td style="padding: 2px 5px;">6</td> <td style="padding: 2px 5px;">0</td> <td style="padding: 2px 5px;">#</td> <td rowspan="2" style="padding: 0 5px;">For Log-in</td> </tr> <tr> <td style="padding: 2px 5px;">7</td> <td style="padding: 2px 5px;">3</td> <td style="padding: 2px 5px;">6</td> <td style="padding: 2px 5px;">1</td> <td style="padding: 2px 5px;">#</td> <td>For Log-out</td> </tr> </table> ► 	7	3	6	0	#	For Log-in	7	3	6	1	#	For Log-out																						
7	3	6	0	#	For Log-in																														
7	3	6	1	#		For Log-out																													
Forwarding a call	 ►  ► <table border="1" style="display: inline-table; border-collapse: collapse; border-style: dashed;"> <tr> <td colspan="2" style="padding: 5px;">All calls</td> </tr> <tr> <td style="padding: 2px 5px;">1</td> <td style="padding: 2px 5px;">► extension no. ► #</td> </tr> <tr> <td colspan="2" style="padding: 5px;">Busy/No answer</td> </tr> <tr> <td style="padding: 2px 5px;">2</td> <td style="padding: 2px 5px;">► extension no. ► #</td> </tr> <tr> <td colspan="2" style="padding: 5px;">To an outside line</td> </tr> <tr> <td style="padding: 2px 5px;">3</td> <td style="padding: 2px 5px;">► line access code ► phone no. ► #</td> </tr> <tr> <td colspan="2" style="padding: 5px;">Follow Me</td> </tr> <tr> <td style="padding: 2px 5px;">5</td> <td style="padding: 2px 5px;">► your extension no. ► #</td> </tr> <tr> <td colspan="2" style="padding: 5px;">Cancel Follow Me</td> </tr> <tr> <td style="padding: 2px 5px;">8</td> <td style="padding: 2px 5px;">► your extension no. ► #</td> </tr> <tr> <td colspan="2" style="padding: 5px;">Cancel</td> </tr> <tr> <td style="padding: 2px 5px;">0</td> <td style="padding: 2px 5px;">► #</td> </tr> <tr> <td colspan="2" style="padding: 5px;">To Voice Mail</td> </tr> <tr> <td colspan="2" style="padding: 5px;">All calls</td> </tr> <tr> <td style="padding: 2px 5px;">1</td> <td style="padding: 2px 5px;">► VPS extension No. ► #</td> </tr> <tr> <td colspan="2" style="padding: 5px;">Busy/No answer</td> </tr> <tr> <td style="padding: 2px 5px;">2</td> <td style="padding: 2px 5px;">► VPS extension No. ► #</td> </tr> </table> 	All calls		1	► extension no. ► #	Busy/No answer		2	► extension no. ► #	To an outside line		3	► line access code ► phone no. ► #	Follow Me		5	► your extension no. ► #	Cancel Follow Me		8	► your extension no. ► #	Cancel		0	► #	To Voice Mail		All calls		1	► VPS extension No. ► #	Busy/No answer		2	► VPS extension No. ► #
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1	► VPS extension No. ► #																																		
Busy/No answer																																			
2	► VPS extension No. ► #																																		

Operation for KX-TA624/TA824




Desired Feature	Operation
Useful Features	
Do Not Disturb (DND)	 <p>The diagram shows the sequence: lift receiver → FWD/DND → [4 # Set / 0 # Cancel] → press receiver down.</p>
Locking your extension	 <p>(Lock code is 4 digits.)</p> <p>The diagram shows the sequence: lift receiver → [7 7 lock code lock code # Lock / 7 7 lock code # Unlock] → press receiver down.</p>
Clearing the setting	 <p>The diagram shows the sequence: lift receiver → 7 9 # → press receiver down.</p>

Operation for KX-TA624/TA824





























Desired Feature	Operation	
To Make Use of Voice Mail Service		
Listening Message	<p>From your Own Extension</p>	 ► Extension No. of the VPS ► ► Password # • If you have no password, you can skip the last step.
	<p>From someone else's extension</p>	 ► Extension No. of the VPS ► ► # 6 ► * ► ► Mailbox No. ► ► Password # • If you have no password, you can skip the last step.
Leaving Message	 ► Extension No. of the VPS ► # 6 ► ► Mailbox No. / # 1 first 3 or 4 of name ► ► Leave Message	
During Playback	(0) Repeat Voice Guidance (*) Exit Menu	

- **KX-TVA series**
 - (1) Listen to Message
 - (2) Deliver Message
 - (3) Mailbox Management
 - (4) Automated Attendant
 - (5) Message Notification
 - (6) Other Features
 - (*) End Call
- **KX-TVS series**
 - (1) Listen to Message
 - (2) Deliver Message
 - (3) Check Mailbox Distribution
 - (4) Automated Attendant
 - (5) Mailbox Management
 - (6) Other Features
 - (*) End Call


























Operation for KX-TAW848/TDA Series

 Outside (CO) Line button
  Programmable Feature button
  Feature number

























 Off-hook
  On-hook
  Talk
 * "Location of Controls" is shown on pages 14-15.

Desired Feature	Operation
Making Calls	
Calling	<p>To an extension</p>  ►  / extension no. ► 
Redial	 ►  ► 
One-touch Dialing	<p>To program</p>  ►  2 /  ► desired no. ►  ► 
	<p>To dial</p>  ►  /  ► 
Calling an operator	 ► 0 ► 
Speed Dialing (Personal)	<p>To store</p>  ► * 3 0 ► personal speed dial no. ► desired no. ► <small>(00-99)</small> ► # ► 
	<p>To dial</p>  ►  ► * ► personal speed dial no. ►  <small>(00-99)</small>
Speed Dialing (System)	<p>To dial</p>  ►  ► system speed dial no. ►  <small>(000-999)</small>
Receiving Calls	
Hands-free answerback	<p><i>While on-hook</i></p> 
Picking up a call	 ► <div style="border: 1px dashed black; padding: 5px; display: inline-block;"> <p>Directed</p> <p>* 4 1 ► extension no.</p> <p>Group</p> <p>* 4 0 ► group no.</p> </div> ► 

Operation for KX-TAW848/TDA Series

Desired Feature	Operation																								
When the Dialed Extension is Busy/No Answer																									
Automatic Callback Busy	To set <i>While hearing a busy tone</i> 	To call <i>If you hear callback ringing</i> 																							
Message Waiting	Sender	To leave a notification   <hr/> To cancel a notification   * 7 0 0  receiver's extension no. 																							
	Receiver	To call back    <hr/> To clear all notifications  * 7 0 0  your extension no. 																							
Call Waiting	Sender	<i>While hearing a busy tone</i>  1  Wait for an answer. 																							
	Receiver	  <div style="border: 1px dashed black; padding: 5px; margin: 10px auto; width: fit-content;"> <p>For outside calls</p> <table border="0" style="width: 100%; border-collapse: collapse;"> <tr> <td style="border: 1px solid black; padding: 2px 5px;">*</td> <td style="border: 1px solid black; padding: 2px 5px;">7</td> <td style="border: 1px solid black; padding: 2px 5px;">3</td> <td style="border: 1px solid black; padding: 2px 5px;">2</td> <td style="border: 1px solid black; padding: 2px 5px;">0</td> <td style="padding-left: 5px;">No tone</td> </tr> <tr> <td style="border: 1px solid black; padding: 2px 5px;">*</td> <td style="border: 1px solid black; padding: 2px 5px;">7</td> <td style="border: 1px solid black; padding: 2px 5px;">3</td> <td style="border: 1px solid black; padding: 2px 5px;">2</td> <td style="border: 1px solid black; padding: 2px 5px;">1</td> <td style="padding-left: 5px;">Tone</td> </tr> </table> <p>For intercom calls</p> <table border="0" style="width: 100%; border-collapse: collapse;"> <tr> <td style="border: 1px solid black; padding: 2px 5px;">*</td> <td style="border: 1px solid black; padding: 2px 5px;">7</td> <td style="border: 1px solid black; padding: 2px 5px;">3</td> <td style="border: 1px solid black; padding: 2px 5px;">1</td> <td style="border: 1px solid black; padding: 2px 5px;">0</td> <td style="padding-left: 5px;">No call</td> </tr> <tr> <td style="border: 1px solid black; padding: 2px 5px;">*</td> <td style="border: 1px solid black; padding: 2px 5px;">7</td> <td style="border: 1px solid black; padding: 2px 5px;">3</td> <td style="border: 1px solid black; padding: 2px 5px;">1</td> <td style="border: 1px solid black; padding: 2px 5px;">1</td> <td style="padding-left: 5px;">Tone</td> </tr> </table> </div> <hr/> To talk to the new party <i>While hearing the Call Waiting tone</i> Terminating a current status    <hr/> Holding a current status  /  	*	7	3	2	0	No tone	*	7	3	2	1	Tone	*	7	3	1	0	No call	*	7	3	1	1
*	7	3	2	0	No tone																				
*	7	3	2	1	Tone																				
*	7	3	1	0	No call																				
*	7	3	1	1	Tone																				

Operation for KX-TAW848/TDA Series

Desired Feature	Operation
During a Conversation	
Holding a call	<p>Holding  ► </p> <p>To retrieve a call at the holding extension  ►  (co) /  ► </p> <hr/> <p>To retrieve an outside call from another extension  ►  (co) ► </p>
	<p>Holding  ►  ► </p> <p>To retrieve a call on exclusive hold  ►  (co) /  ► </p>
Transferring a call	<p>Screened</p> <p> ► extension no. To an extension</p> <p> (co) phone no. To an external party</p> <p>► Wait for an answer. ►  Announce. ► </p>
Useful Features	
Paging	<p>To page Group</p> <p> ► * 3 3 ► group no. ►  Announce.</p> <p>To answer an announced page</p> <p> ► * 4 3 ► </p>

Operation for KX-TAW848/TDA Series

Desired Feature	Operation
Useful Features	
Three-party conference	
Setting Absent Message	<p>To set</p> <p>To cancel</p>
Log-in/Log-out	<p style="text-align: right;">*ICD Group: Incoming Call Distribution Group</p>
Forwarding a call	<p>* Enter your desired extension no., or line access code and outside phone no.</p> <p>To Voice Processing System (VPS)</p>

Operation for KX-TAW848/TDA Series

Desired Feature	Operation
Useful Features	
Do Not Disturb (DND)	
Setting your extension PIN (Personal Identification Number)	
Locking your extension	
Clearing the setting	

WARNING




When a third party discovers the password (extension PIN) of the Hybrid IP-PBX, there is a risk that fraudulent telephone calls will be made using the telephone line.

The cost of such calls will be billed to your own account.

To protect this kind of fraudulent use, we strongly recommend:

- a) Keeping the PIN secret.
- b) Selecting a complex, random PIN that cannot be easily guessed.
- c) Changing the PIN regularly.

Operation for KX-TAW848/TDA Series

Desired Feature	Operation	
To Make Use of Voice Mail Service		
Listening Message	From your Own Extension	 ► Extension No. of the VPS ► ► Password # • If you have no password, you can skip the last step.
	From someone else's extension	 ► Extension No. of the VPS ► ► # 6 ► * ► ► Mailbox No. ► ► Password # • If you have no password, you can skip the last step.
Leaving Message	 ► Extension No. of the VPS ► # 6 ► ► Mailbox No. / # 1 first 3 or 4 of name ► ► Leave Message	
During Playback	(0) Repeat Voice Guidance (*) Exit Menu	

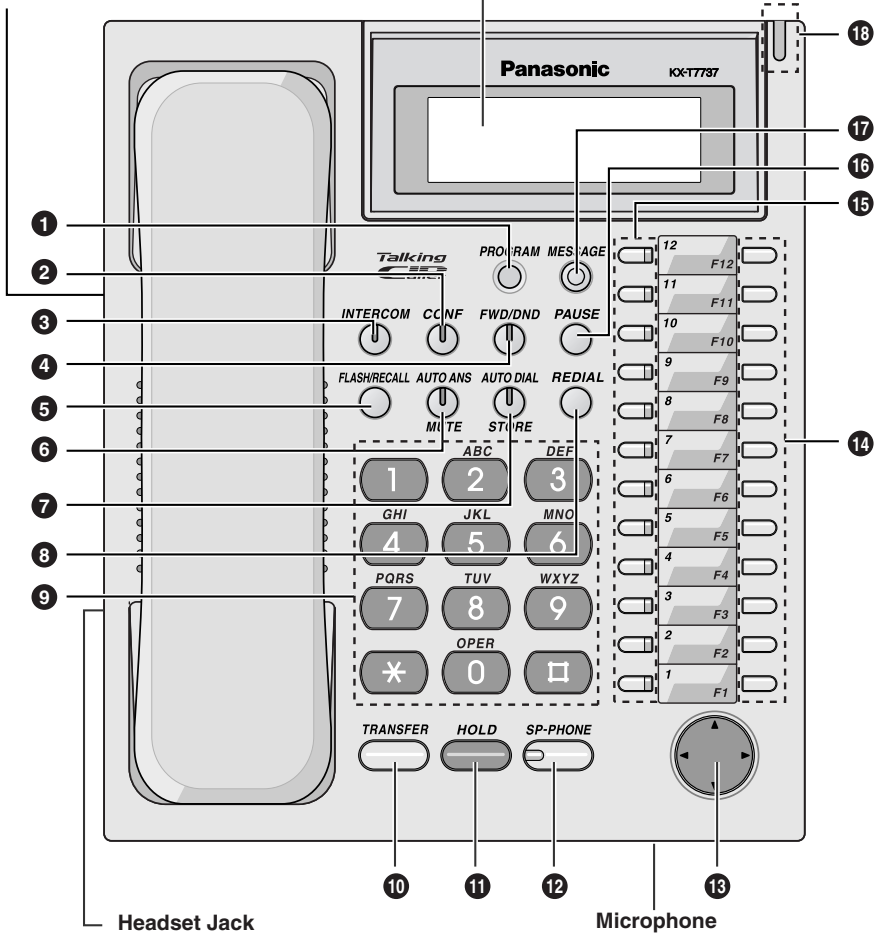
- **KX-TVA series**
 - (1) Listen to Message
 - (2) Deliver Message
 - (3) Mailbox Management
 - (4) Automated Attendant
 - (5) Message Notification
 - (6) Other Features
 - (*) End Call
- **KX-TVS series**
 - (1) Listen to Message
 - (2) Deliver Message
 - (3) Check Mailbox Distribution
 - (4) Automated Attendant
 - (5) Mailbox Management
 - (6) Other Features
 - (*) End Call

Location of Controls



RINGER Volume/BACKLIGHT Illumination/Talking Caller ID Selector

LCD (Liquid Crystal Display) with Backlight



Headset Jack

Microphone


* The use of a headset is optional. Recommended headsets are KX-TCA91 and KX-TCA92.

Location of Controls


- 1 **PROGRAM:** Used to enter and exit the programming mode.
- 2 **CONF (Conference):** Used to establish a multiple party conversation.
- 3 **INTERCOM:** Used to make or receive intercom calls.
- 4 **FWD/DND (Call Forwarding/Do Not Disturb):** Used to perform Call Forwarding or Do Not Disturb.
- 5 **FLASH/RECALL:** Used for External Feature Access or to disconnect the current call and make another call without hanging up.
- 6 **AUTO ANS (Auto Answer)/Mute:** Used to answer an incoming call in the hands-free mode or mute the microphone during a conversation.
- 7 **AUTO DIAL/STORE:** Used for speed dialing or storing program changes.
- 8 **REDIAL:** Used to redial.
- 9 **DIALING BUTTONS WITH BACKLIGHT:** Dialing buttons are backlit (1) when you receive a call, (2) during a conversation, (3) when BGM is activated at your phone, or (4) when you press any button.
- 10 **TRANSFER:** Used to transfer a call to another party.
- 11 **HOLD:** Used to place a call on hold.
- 12 **SP-PHONE:** Used for the hands-free operation.
- 13 **NAVIGATOR KEY:** Used to adjust the volume and the display contrast, or select desired items.
- 14 **Programmable Feature (PF) Button:** Used as a One-touch Dialing button. (Button assignment is required.)
- 15 **Flexible Outside (CO) Line Button:** Used to make or answer an outside call. Pressing this button seizes an idle outside line automatically. (Button assignment is required.) Also used as a feature button. (Button assignment is required.)
- 16 **PAUSE:** Used to insert a pause during dialing.
- 17 **MESSAGE:** Used to leave a message waiting indication, or call back the party who left the message waiting indication.
- 18 **Message/Ringer Lamp:** The Message/Ringer lamp informs you visually that you have a message or a call.
 - When you receive a call, the lamp flashes depending on the ringing pattern. When the ringing pattern is set to Single (Slow flash), Double (Moderate flash), or Triple (Rapid flash) in your PBX, the lamp flashes accordingly. When any of the other ringing patterns are set in your PBX, the lamp may not flash. (e.g., S-Double, Call Waiting Tone1.)
 - When someone has left you a message, the lamp is lit continuously.

Before Operating the Telephone


◆ Speaker/Handset/Headset volume *

Speaker volume <i>While in hands-free conversation</i>	 Press Up or Down .
Handset/Headset volume <i>While using the handset or headset</i>	

◆ Ringer volume/Backlight illumination



RINGER



BACKLIGHT

Slide the lever of the **RINGER** Volume Selector and **BACKLIGHT** Illumination Selector to the desired setting.

BACKLIGHT SW POSITION	2	1	0
LCD backlight	HIGH	LOW	OFF
DIALING BUTTONS backlight	AUTO	AUTO	OFF

AUTO: The backlight shines only during operation.

◆ Display contrast *


Press **Left** (Light) or **Right** (Dark).

* The above settings may return to default settings if the telephone line cord is disconnected, or the main unit's power is interrupted.

Before Operating the Telephone

◆ Talking Caller ID

You can hear Caller ID information vocally sent from your PBX through the built-in speaker. The voice volume of Talking Caller ID depends on the setting of the Ringer volume. For the Ringer volume, refer to "**Ringer volume**" on page 16.



Slide the **TALK CID** Selector to ON to enable the Talking Caller ID feature.

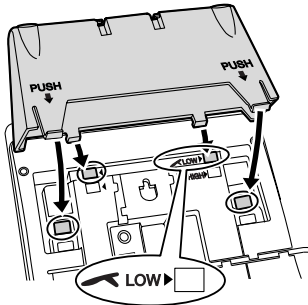
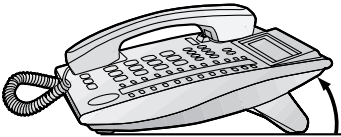
Note: If the character ":" is included in the Caller ID name, it will not be announced normally. Therefore, we recommend that you do not use ":" in the Caller ID name.

Tilt Angle

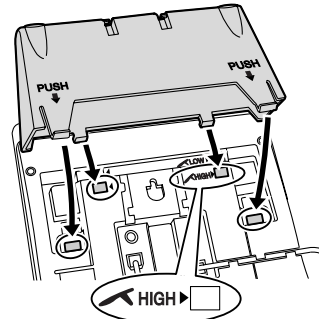
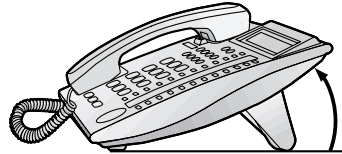
The tilt angle of the unit can be adjusted.

To **adjust the angle**, insert the stand into the desired holes as shown below.

< LOW >



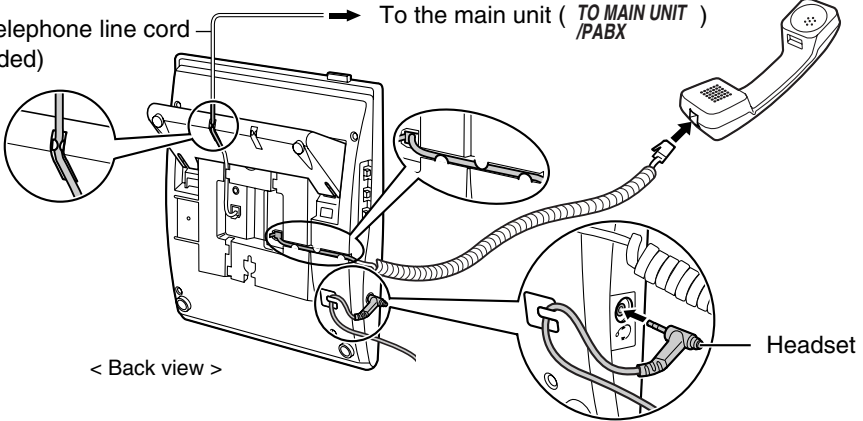
< HIGH >



Connection

The telephone line cord (included)

To the main unit (*TO MAIN UNIT*) /PBX



< Back view >

CAUTION

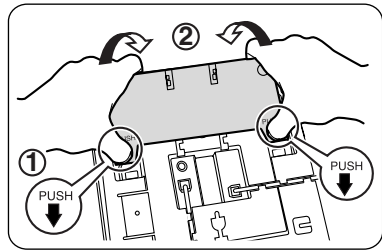
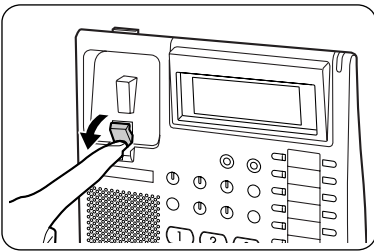
Ensure the cord is inserted in the groove to prevent damage to the connector.

Disable the parallel setting for the single line telephone (SLT) in PBX programming. If it is enabled, the Talking Caller ID feature may not operate properly. For information on how to disable, refer to the documentation for your PBX.

Wall Mounting

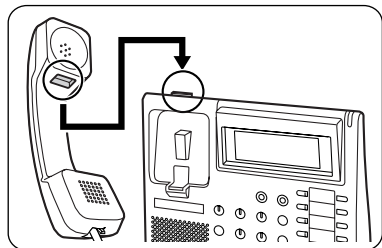
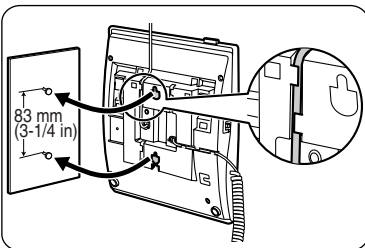
1 Pull down the handset hook until it locks, so the tab holds the handset.

2 Remove the attached stand.



3 Mount the unit on the wall.

To temporarily place the handset down during a conversation, hook it over the top edge of the phone as shown.



Important Information

WARNING:

TO PREVENT POSSIBLE FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS PRODUCT TO RAIN OR MOISTURE.

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

DISCONNECT THE TELEPHONE LINE CORD FROM THIS PRODUCT IF THIS PRODUCT EMITS SMOKE, AN ABNORMAL SMELL OR MAKES UNUSUAL NOISE. THESE CONDITIONS CAN CAUSE FIRE OR ELECTRIC SHOCK. CONFIRM THAT SMOKE HAS STOPPED AND CONTACT AN AUTHORIZED SERVICENTER.

IMPORTANT NOTICE:

During a power failure, this telephone will not operate. Please ensure that a separate telephone, not dependent on local power, is available for use in an emergency.

When you ship the product:

Carefully pack and send it prepaid, adequately insured and preferably in the original carton. Attach a postage-paid letter, detailing the symptom to the outside of the carton. DO NOT send the product to the Executive or Regional Sales offices. They are NOT equipped to make repairs.

Product service:

Panasonic Servicenters for this product are listed in the servicenter directory. Consult your certified Panasonic dealer for detailed instructions.

For your future reference

SERIAL NO. _____ DATE OF PURCHASE _____
(found on the bottom of the unit)

NAME OF DEALER _____

DEALER'S ADDRESS _____

DEALER'S TEL. NO. _____

Important Safety Instructions

When using this unit, basic safety precautions, including those below, should always be followed to reduce the risk of fire, electric shock and injury to persons.

1. Read and understand all instructions.
2. Follow all warnings and instructions marked on this unit.
3. Unplug this unit from the main unit before cleaning. Do not use liquid or aerosol cleaners. Clean with a damp cloth.
4. Do not use the unit near water, for example, near a bathtub, kitchen sink, or laundry tub, in a wet basement, or near a swimming pool.
5. Place this unit on a flat surface. Serious damage and/or injury may result if the unit falls.
6. The unit should never be placed near or over a radiator or other heat source.
7. Do not allow anything to rest on the extension cord. Do not locate this unit where the cord may be stepped on or tripped on.
8. To reduce the risk of fire or electric shock, do not overload wall outlets and extension cords.
9. Do not insert objects of any kind into this unit through openings, as they may touch dangerous voltage points or short out parts that could result in a risk of fire or electric shock. Never spill liquid of any kind on the unit.
10. To reduce the risk of electric shock, do not disassemble this unit. Only qualified personnel should service this unit. Opening or removing covers may expose you to dangerous voltages or other risks. Incorrect reassembly can cause electric shock.
11. Unplug this unit from the main unit and have the unit serviced by qualified service personnel in the following cases:
 - A. When the extension cord is damaged or frayed.
 - B. If liquid has been spilled on the unit.
 - C. If the unit has been exposed to rain or water.
 - D. If the unit does not work normally by following the manual. Adjust only controls covered by the manual. Improper adjustment may require repair by an authorized servicenter.
 - E. If the unit has been dropped, or damaged.
 - F. If the unit's performance deteriorates.
12. Avoid using a telephone (other than a cordless type) during an electrical storm. There is a remote risk of electric shock from lightning.
13. Do not use the telephone in the vicinity of a gas leak to report the leak.

**SAVE THESE
INSTRUCTIONS**

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 to 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.

FCC Part 68 Approved Device:

This equipment is approved under FCC Part 68 as a component device for use with a Panasonic KX-TA624/KX-TA824/KX-TAW848/KX-TDA series PBX. In order for approval of this product to be valid, all other products used in conjunction with this product must also be FCC Part 68 approved as a component device for use with the PBXs listed above. If any of these components are not approved, then you, as owner or user, are required to obtain FCC Part 68 approval of the assembled equipment prior to connection to the telephone network. Part 68 approval requires that you maintain this approval over time and as such you are responsible for the following:

- Any component added to your equipment, whether it bears component approval or not, will require a Part 68 compliance evaluation. You may need to test, reapprove, and make a filing to the ACTA database before that new component can be used;
- Any modification/update made to any approved component within your equipment will require a Part 68 compliance evaluation. The modifying entity becomes the Responsible Party for the modified equipment. The Responsible Party will need to determine if a new test, approval, and filing to the ACTA database is required before that modified component can be connected to the network;
- If the Responsible Party continues to produce this component that party is required to comply with all continuing compliance requirements under FCC rules.

FCC Information

If the telephone service provider requests the approval number and REN of the device you are connecting, supply the FCC registration or "US" numbers for all components and host devices that have a direct PSTN connection and the highest REN.

If at any time the ownership of this component device is transferred to someone else (whether independently or as part of a system), supply this manual to the new owner. Therefore only approved devices bearing the "CN" or "CE" equipment code as part of the "US" approval number may be used with this equipment. (NOTE: The host equipment used in conjunction with this product may bear a "US" approval or an FCC registration number with other than the "CN" or "CE" equipment code.) When determining if your particular component device is appropriately approved, look for the "US" approval or FCC registration number on all components and ensure that the classification code "-CN-" or "-CE-" is part of that number. Refer to the "US" approval number on this product as an example.

Hearing Aid Compatibility:

This telephone provides magnetic coupling for hearing aids.

Use only handsets or other acoustic devices with this equipment that are compliant with the hearing aid compatibility requirements of FCC Part 68.

CAUTION:

To assure continued compliance with FCC rules, do not make any unauthorized changes or modifications to this equipment would void the user's authority to operate this device.

When programming emergency numbers and/or making test calls to emergency numbers:

- 1) Remain on the line and briefly explain to the dispatcher the reason for the call before hanging up.
- 2) Perform such activities in the off peak hours, such as early morning hours or late evenings.

Other Information

- If you are having problems making calls, unplug the extension and connect a known working telephone. If the known working telephone operates properly, have the defective telephone repaired by an authorized Panasonic Factory Servicer. If the known working telephone does not operate properly, check the PBX System and the internal extension wiring.
- Keep the unit away from heating appliances and devices that generate electrical noise, such as fluorescent lamps, motors and televisions. These noise sources can interfere with the performance of the unit. It also should not be placed in rooms where the temperature is less than 5 °C (41 °F) or greater than 40 °C (104 °F). Allow 10 cm (3-15/16 in) clearance around the unit for proper ventilation. Avoid environments with excessive smoke, dust, mechanical vibration, shock, or direct sunlight.
- Wipe the unit with a soft cloth. Do not clean the unit with abrasive powders or with chemical agents such as benzine or thinner.
- Use only the correct Panasonic handset.
- Do not disassemble this unit. Dangerous electrical shock could result. The unit must only be disassembled and repaired by qualified service technicians.
- If damage to this unit exposes any internal parts, immediately disconnect the telephone line and mains supply. Then return the unit to a servicer.

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