

# Panasonic®

Wireless Proprietary Telephone

## Operating Instructions

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Model No. **KX-TD7896**



**Thank you for purchasing the Panasonic KX-TD7896 Wireless PT (Wireless Proprietary Telephone). Please read this manual carefully before using this product and save this manual for future use.**

This manual is designed to be used with the KX-TD7896 Wireless PT and a Panasonic KX-TA/KX-TAW/KX-TD/KX-TDA series PBXs (Business Telephone Systems).

This product is compatible with (Setting the PBX Type → See page 38.):

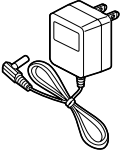
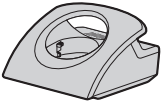

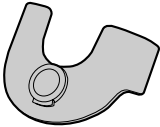


- KX-TA624/KX-TA824/KX-TAW848/KX-TDA series (KX-TDA50/KX-TDA100/KX-TDA200) - PBX Type 1
- KX-TA308/KX-TA1232/KX-TD series (KX-TD308/KX-TD500/KX-TD816/KX-TD1232) - PBX Type 2

**Please use only Panasonic battery and charge the battery for about 7 hours before initial use.**

**Selecting the Display Language → See page 11.**

**Please read “Important Information” on page 40 before use. Read and understand all instructions.**

◆ **Accessories**

<input type="checkbox"/> AC adaptor (PQLV19)  <p style="text-align: right;">Two</p>	<input type="checkbox"/> Charger* <sup>1</sup>  <p style="text-align: right;">One</p>	<input type="checkbox"/> Battery (N4HHGMB00005 or HHR-P103)  <p style="text-align: right;">One</p>
<input type="checkbox"/> Handset Clip* <sup>2</sup>  <p style="text-align: right;">One</p>	<input type="checkbox"/> Belt Holder* <sup>3</sup>  <p style="text-align: right;">One</p>	<input type="checkbox"/> Battery Cover  <p style="text-align: right;">One</p>



• In this manual, the suffix of each model number is omitted.

• To order accessories, call toll free **1-800-332-5368**.

\*<sup>1</sup> Charger:

For KX-TD7896 (Black Model) users: Part no. **PSLP1321ZA**

For KX-TD7896-W (White Model) users: Part no. **PSLP1321ZA-W**

\*<sup>2</sup> Handset Clip:

For KX-TD7896 (Black Model) users: Part no. **PSKE1084ZA4-H270**

For KX-TD7896-W (White Model) users: Part no. **PSKE1084ZA3-W140**

\*<sup>3</sup> Belt Holder:

For KX-TD7896 (Black Model) users: Part no. **PSKE1040ZA**

For KX-TD7896-W (White Model) users: Part no. **PSKE1040ZA2-W140**

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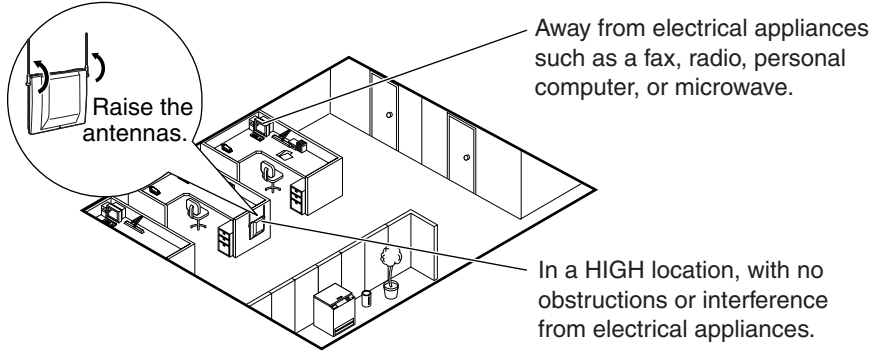
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# For Best Performance

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## ◆ **Noise**

Calls are transmitted between the base unit and the handset using radio waves. For maximum distance and noise free operation, the recommended base unit location is:



- The 2.4 GHz wireless telephone cannot be used together.
- If you are out of range, an alarm tone sounds continuously.

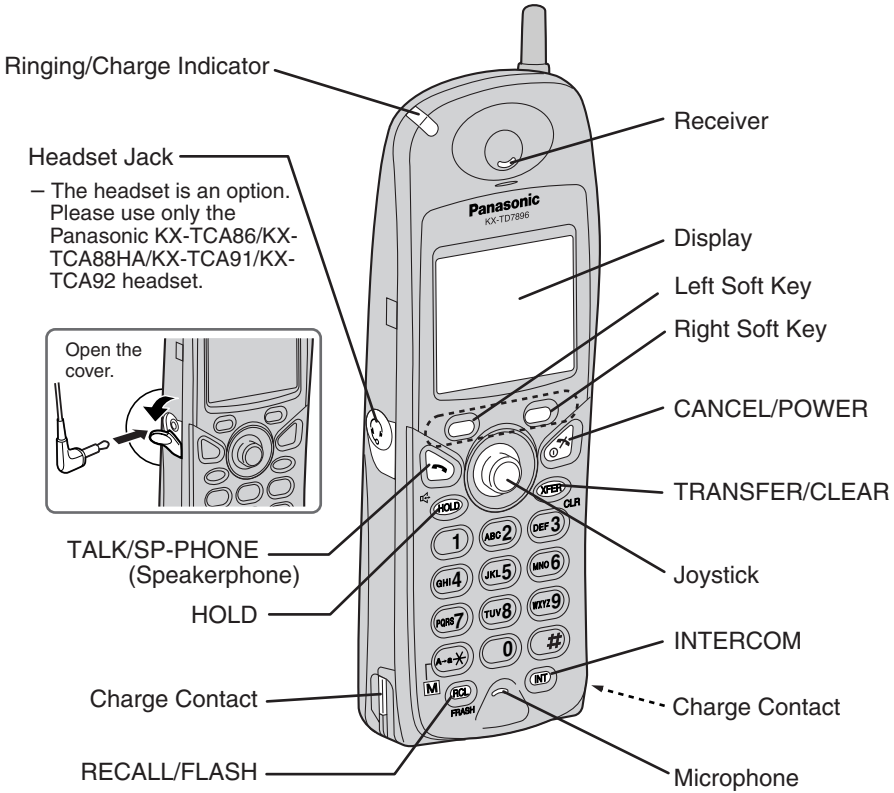
## ◆ **Operating Distance**

When using more than 2 base units, the distance between one unit and the others must be at least 3 m (10 ft), or else proper radio transmission cannot be obtained.

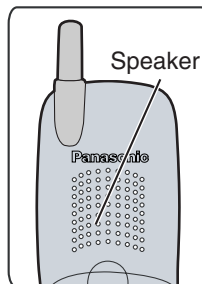
# Before Operating the Handset

## ◆◆ Location of Controls

### ◆ Handset



## Back View



# Before Operating the Handset



**TALK/SP-PHONE Key:**  
Used to make or receive calls, or toggle between the two conversation modes (Hands-free\*/Receiver) during a conversation.

\* You can talk with the calling party alternately through the speaker without holding the handset.



**Joystick:**  
Used to adjust the ringer/receiver volume, select the Function mode and the function displayed directly above, and move the cursor to select a desired item.



**HOLD Key:**  
Used to place a call on Hold.



**RECALL/FLASH Key:**  
Used to disconnect the current call and make another call without hanging up, or answer Call Waiting from the telephone company.



**INTERCOM Key:**  
Used to make or receive intercom calls.



**CLEAR/TRANSFER Key:**  
Used to clear digits or characters, or transfer a call to another party.



**CANCEL/POWER Key:**  
Used to end calls, exit the Phonebook or Function mode, or turn on/off the handset.



**Soft Key:**  
Used to select the function displayed directly above each key. Functions displayed depend on the state of use.



**Meeting Mode:**  
Used to turn on or off Meeting Mode when in standby mode.

## Combination Keys

To use combination keys, refer to "PBX Feature Keys" on page 15.



**PBX Program Key:**  
Used to enter the PBX programming mode.



**Auto Dial Key:**  
Used to make a call by PBX system dialing.



**Fwd/DND Key:**  
Used to display or set the Call Forwarding or Do Not Disturb (DND) features.



**Message Key:**  
Used to leave a message waiting indication or call back the party who left the message indication.



**Auto Answer Key:**  
Used to answer an incoming call automatically.

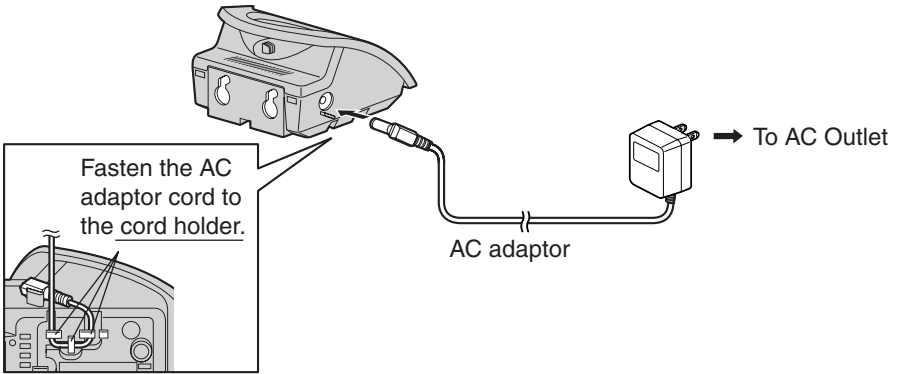


**Conference Key:**  
Used to establish a multi-party conversation.

# Before Operating the Handset

## ◆◆ Connection

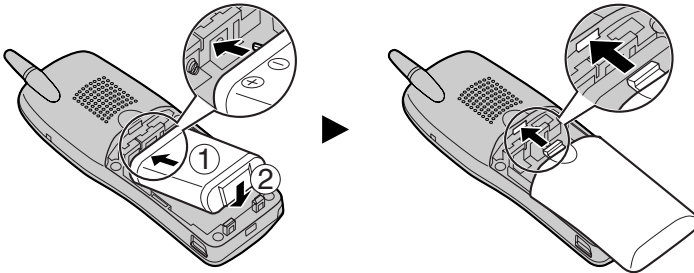
Connect the AC adaptor to the charger.



- The AC adaptor should be connected to a vertically oriented or floor-mounted AC outlet. Do not connect the AC adaptor to a ceiling-mounted AC outlet, as the weight of the adaptor may cause it to become disconnected.

## ◆◆ Battery Installation

Insert the battery as shown. Close the cover as indicated by the arrow.

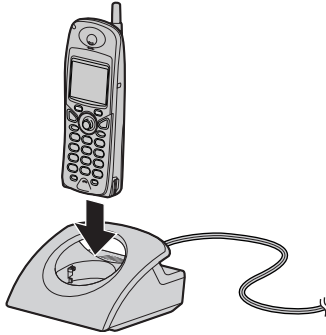


# Before Operating the Handset

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## ◆◆ Battery Charge

At the time of shipment, the battery is not charged. **Please charge the battery for about 7 hours before initial use.**



- When the battery has been completely charged, the charge indicator will change from red to green. Refer to “Battery Information” on page 40.
- It is normal for the handset and charger to feel warm while the battery is charging.
- If more than 3 units are in use at one time within close range, you may experience muting, interference or loss of communication.
- While the battery is charging, the handset cannot be turned on or off.

## ◆◆ Handset Clip and Belt Holder

You can hang the handset on your belt.

<To attach>



Slide the clip and holder together until you hear a clicking noise.



<To remove>



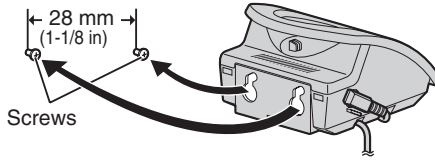
Remove the handset clip.



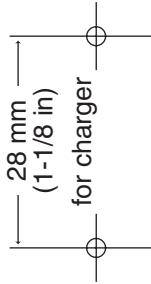
# Before Operating the Handset

## ◆◆ Wall Mounting

- 1 Drive the screws into the wall using the wall template below.



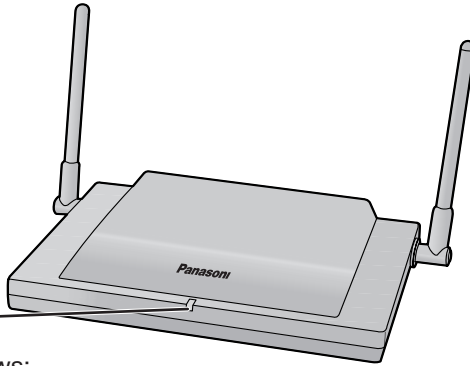
- 2 Mount the charger securely on the screws.



- If the dimension of the paper output still deviates slightly from the measurement indicated here, use the measurement indicated here.

# Before Operating the Handset

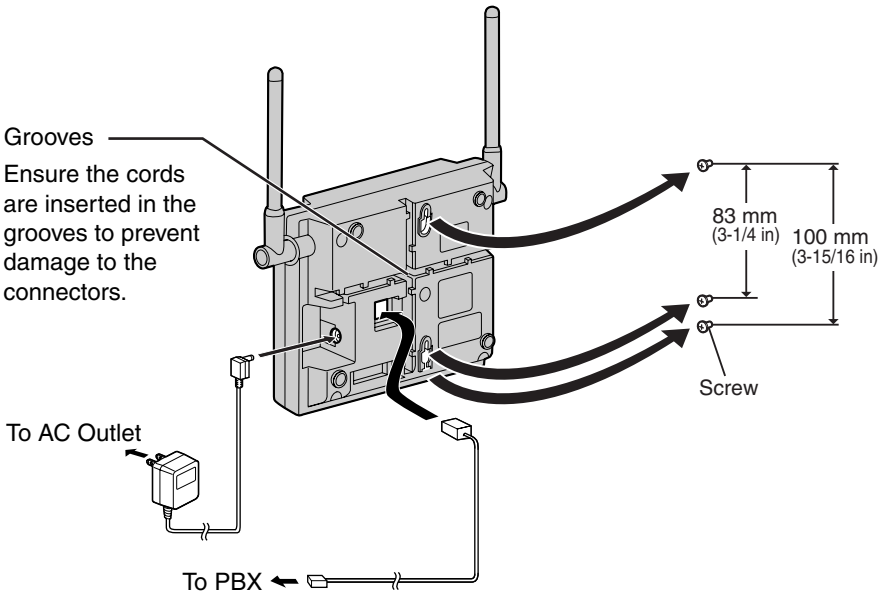
## ◆ Base Unit



Run Indicator

Indicator Status as follows:

- Green On (Solid)—Base unit is connected to PBX
- Green Flash—Base unit is on, but not connected to PBX



Grooves

Ensure the cords are inserted in the grooves to prevent damage to the connectors.

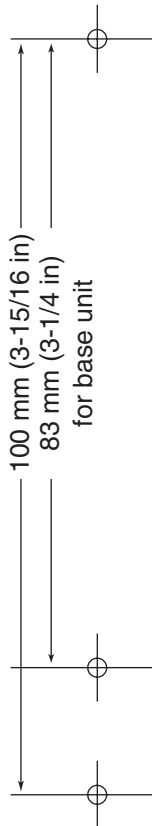
To AC Outlet

To PBX

83 mm  
(3-1/4 in)

100 mm  
(3-15/16 in)

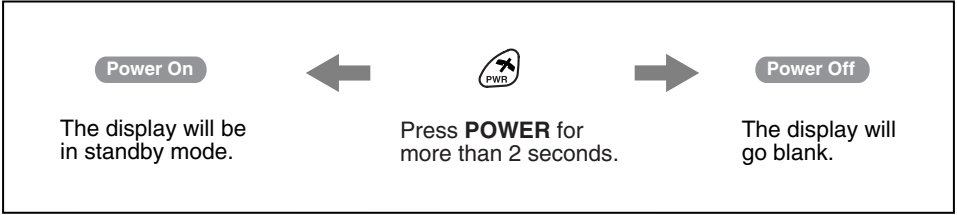
Screw



- USE ONLY the Panasonic AC ADAPTOR PQLV19.
- This unit cannot be connected in parallel with a single line telephone.
- The AC adaptor should be connected to a vertically oriented or floor-mounted AC outlet. Do not connect the AC adaptor to a ceiling-mounted AC outlet, as the weight of the adaptor may cause it to become disconnected.
- If the dimension of the paper output still deviates slightly from the measurement indicated here, use the measurement indicated here.

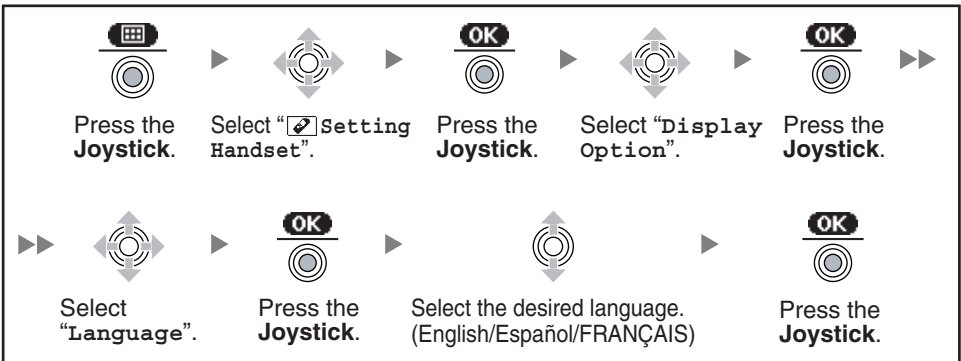
# Before Operating the Handset

## ◆◆ Power On/Off



- When the handset is turned on, it will be in standby mode. Standby mode is the state of the handset when it is not performing any operations and is awaiting calls.

## ◆◆ Selecting the Display Language



- The display language of both the handset and PBX can be selected, and both should be set to the same language. For more information, refer to the user documentation for the PBX.

# Before Operating the Handset

## ◆◆ Display Icons



Within range of a base unit



Out of range

If this icon flashes, move closer to the base unit and dial again.



Intercom Indicator



Off-hook Status



Message Waiting



Handset Phonebook



Battery Indicator



Ringer Volume OFF



Vibrate



Call Forwarding




Do Not Disturb



Auto Answer



Meeting Mode

Press  for more than 2 seconds to Meeting Mode on/off.



- During the Meeting Mode, functions are:

Function	Status
Microphone volume	Up
Low battery alarm	Off
Key tone	Off
Ringer/Voice Call/Paging/LCS	Off
Vibrate	On

- During the Meeting Mode, while handset is on charger:

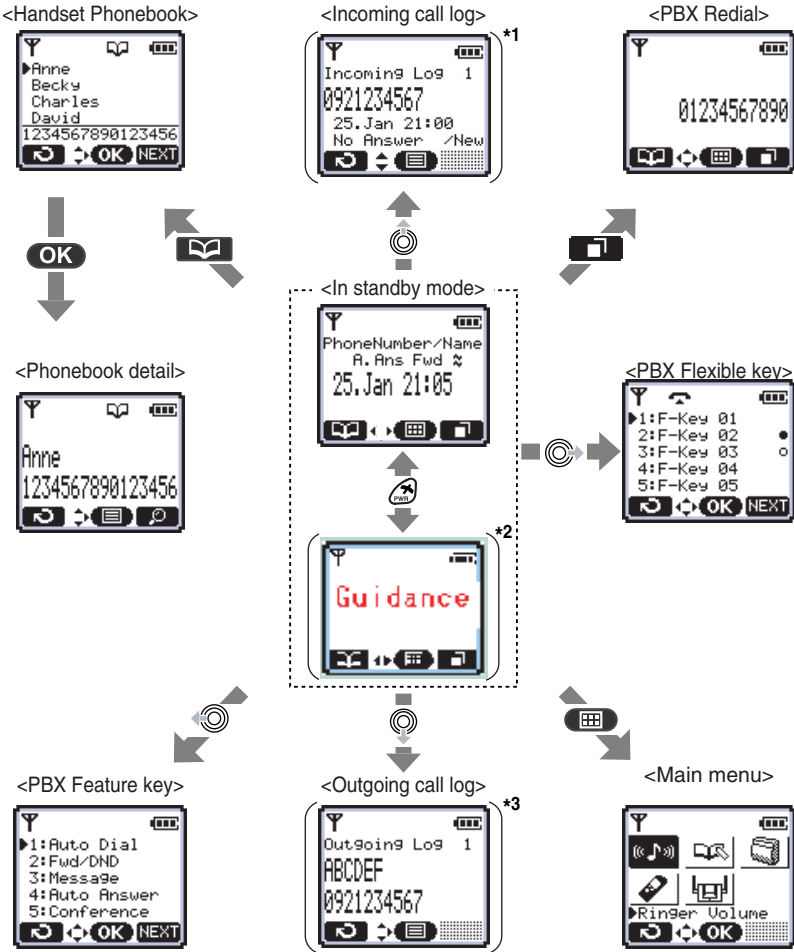
Function	Status
Vibrate*	Off
Ringer	User Setting

\* Please note that, if you set the handset on the charger while receiving an incoming call, vibration will stop. Once the vibration stops, the handset will not vibrate again for that call, even if the handset is picked up again. If Quick Answer is set, picking up the handset will answer the call.

# Before Operating the Handset

## Operation Outline

Functions of the handset are accessed through the display menu, and selected with the joystick and soft keys. The guidance display is shown in standby mode for easy operation.



- You cannot toggle the displays while in key lock mode or while the handset is on a charger.
- The displays marked with ( ) are only shown when the following values have been set:
  - \*1 Setting Base Unit → PBX Type: Type 2 (See page 38.)
  - \*2 Setting Handset → Display Option → Guidance: On (See page 36.)
  - \*3 Setting Handset → Other Option → Outgoing Log: On (See page 36.)

# Before Operating the Handset

## ◆◆ **Function Menu Display**

Press the joystick to display the function menu.

### ◆ **Main menu – while in standby mode**



Icon description



#### **Ringer Volume:**

Accesses to the “Ringer Volume”.



#### **New Phonebook:**

Stores a new item in the Handset Phonebook.



#### **PBX Program:**

Enters the PBX programming mode.

Only for KX-TD series: Press **WXYZ9** **WXYZ9** .



#### **Setting Handset:**

Accesses to the “Setting Handset”.



#### **Setting Base:**

Accesses to the “Setting Base Unit”.

### ◆ **Sub menu – while in off-hook/during a conversation**



#### **Phone book:**

Opens the Handset Phonebook.



#### **New Phonebook:**

Stores a new item in the Handset Phonebook.



#### **PBX Redial:**

Makes a PBX Redial. (While in off-hook)



#### **Outgoing Call Log:**

Enters the Outgoing Call Log. (See page 22, 22)



#### **Incoming Call Information:**

Enters the Incoming Call Information.

\* The arrow in the icon may not be displayed, depending on your PBX.

## ◆◆ PBX Feature Keys

Functions of the handset can be activated through the display key list.  
Move the joystick left to display the key list.



### 1:Auto Dial:

Makes a call by PBX system dialing.

### 2:Fwd/DND:

Displays or sets Call Forwarding or Do Not Disturb.  
Only for KX-TA824: Displays the current setting.

### 3:Message:

Used to leave a message waiting indication or call back the party who left you a message waiting indication.

### 4:Auto Answer:

Answers an incoming call automatically.



### 5:Conference:

Establishes a multiple-party conversation.

### 6:Pause\*<sup>1</sup>:

Inserts a dialing pause.

### 0:PBX Program\*<sup>2</sup>:

Enters the PBX programming mode.  
Only for KX-TD series: Press  .



- \*<sup>1</sup> Displayed only during a conversation or PBX Programming mode.
- \*<sup>2</sup> Displayed only while in standby mode.

# Before Operating the Handset

## ◆◆ PBX Flexible Key Display

A flexible key can be used either to seize a line in order to make or receive an outside call (F-Key), or used as a function key. Move the Joystick right to display the flexible key list. Here you can access the 12 flexible keys. The icon shown beside each F-Key indicates line status similarly to the LED indicators on a Proprietary Telephone: ● is the same as a green LED; ○ is the same as a red LED.





Example:



### Understanding the Icons for the F-Key\*

- (on): You are currently using this line.
- ⦿ (flashing rapidly): You have an incoming call on this line.
- ⦿ (flashing slowly): You have a call on hold on this line.
- (on): This line is in use by someone else.
- ⦿ (flashing rapidly): Someone has an incoming call on this line. Only for KX-TA824: You have an outside call on this line.
- ⦿ (flashing slowly): Someone has a call on hold on this line.
- (no icon): This line is idle.



- \* The meanings of these icons vary depending on the status of the CO line.
- For further information, refer to “LED Indication” in the feature documentation for the KX-TA series PBXs.
- To select a key, press its key number, or move the Joystick  to select the desired key then press .
- To go to the next or previous display, move the Joystick .
- To go to the next display, press  key.

# Before Operating the Handset

## ◆◆ Soft Key Display

Icons and information shown on the display will vary depending on the state of use. To select an item shown on the display, press the corresponding soft keys.



Opens the Handset Phonebook.



Opens the main menu.



Displays the PBX Redial.



Returns to the previous display.



Opens the list menu (edit/delete in the Handset Phonebook, etc.).



Inserts a dialing pause.



Used to confirm the entry.



Displayed when in Alphabetic character entry mode. Switches to Numeric character entry mode by pressing.



Displayed when in Numeric character entry mode. Switches to Special character entry mode by pressing.



Displayed when in Special character entry mode. Switches to Alphabetic character entry mode by pressing.



Displayed when in Key Lock mode. Unlocks keys by pressing and holding.



Turns the microphone mute on/off during a conversation. While Mic Mute is on, the icon flashes.



Establishes a multiple-party conversation.



Turns the ringer off.



Displays the next screen.



Clears digits or characters.



Displayed when in Handset Phonebook Lock. Unlocks the Handset Phonebook temporarily by pressing. Unlocks the Handset Phonebook by pressing and holding.



Used to search for an item in the Phonebook alphabetically.



Stores a new item in the Handset Phonebook.



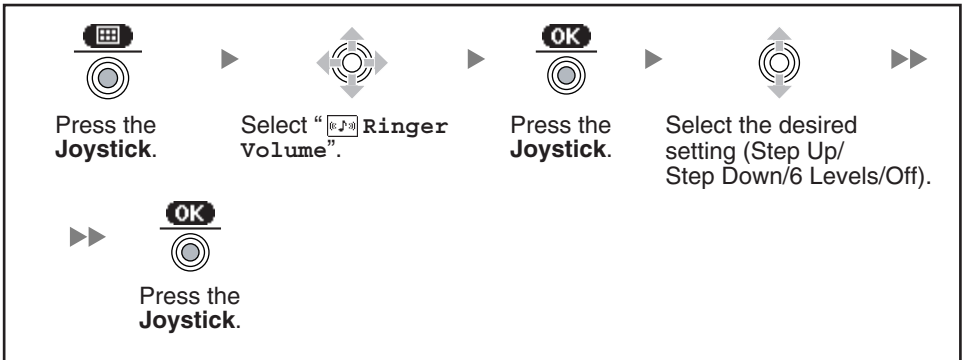
Used to select an item when in setting mode.



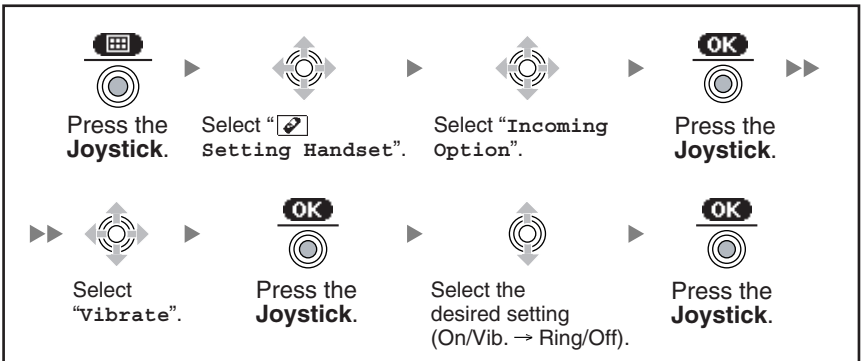
Used to set the time for 12 h of Date&Time in Setting Base Unit.

# Before Operating the Handset

## ◆◆ Ringer Volume Adjustment



- You can select whether the handset will vibrate while receiving a call.



- You can receive an intercom call by voice of caller instead of rings (**Voice Call**). For further information, refer to “Alternate Receiving—Ring/Voice” in the user documentation for the KX-TA/KX-TAW/KX-TD/KX-TDA series PBXs.





## ◆◆ Receiver/Speaker/Headset Volume Adjustment

*During a conversation*




Move the **Joystick UP** or **DOWN** to adjust the volume.  
(Receiver Volume-4 levels, Speaker Volume-6 levels, Headset Volume-4 levels)

## ◆◆ Ringer Volume Adjustment

	<b>OR</b>	 	<b>OR</b>	
Move the <b>Joystick UP</b> or <b>DOWN</b> to adjust the volume.*		Press the <b>Joystick</b> to turn the ringer off.		Press <b>CANCEL</b> .



- \* The adjusted volume will also be used for subsequent calls.
- If you attach the headset while receiving an incoming call, the ring from the handset does not switch to the headset. If you attach the headset before receiving an incoming call, and Headset Tone is set to on, a tone will be heard from the headset. If Vibrate is set to on, the handset will vibrate whether a headset is attached or not.
- If you press and hold  while receiving a call, the ringer will be turned off, but the call will not be disconnected.

# Using the Phonebook

## ◆◆ Handset Phonebook

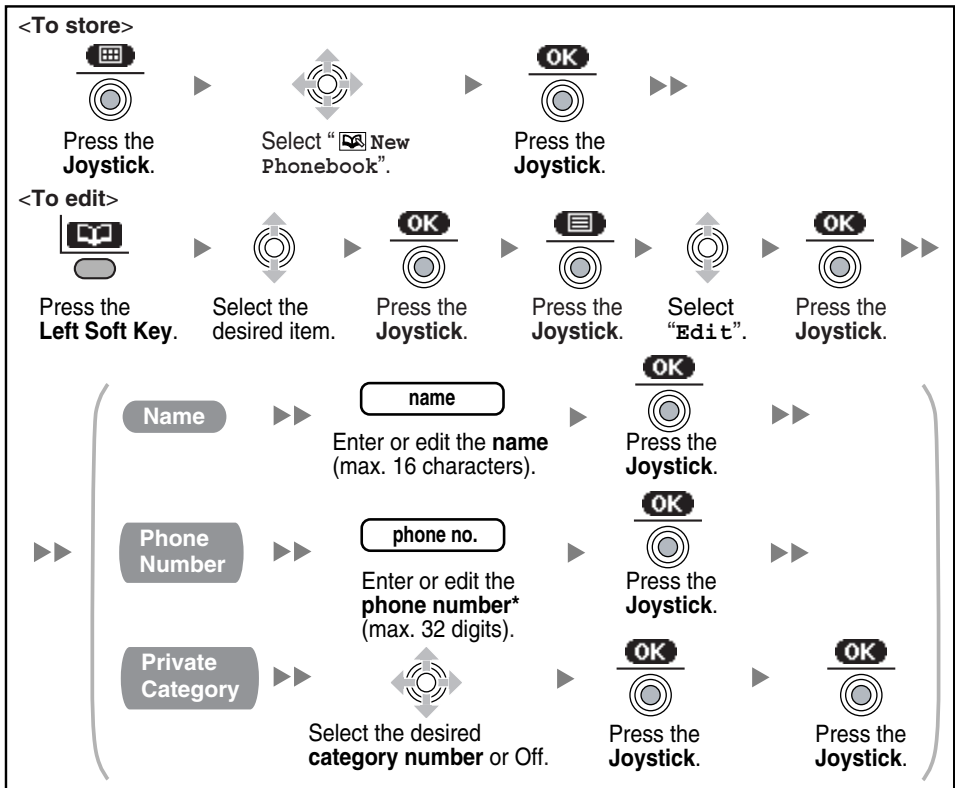
You can store up to 200 items with names, phone numbers and category numbers in the handset for easy access. All directory items are stored in alphabetical order.

## ◆ Incoming Call Identification











You can organize entries in the Handset Phonebook into one of 9 categories. A call from someone stored in one of these categories will be indicated by the ringer type, light (LED) color pattern assigned to the category.

Item	Setting
Ringer pattern	6 ringer tones, 9 melodies (See page 34.)
LED pattern	4 patterns (See page 34.)
Vibrate pattern	7 patterns (See page 34.)

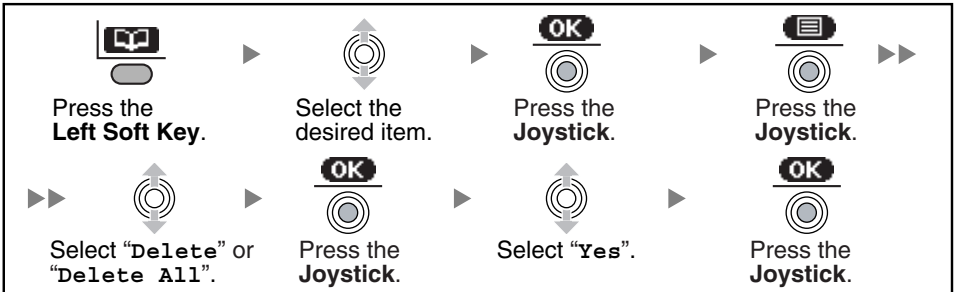
## ◆ Storing a new item and editing a stored item





- To enter characters, see page 23.
- The valid digits are “0” through “9”, “\*”, “#”, “P (  )” and “F (  )”.
- Although up to 200 Phonebook items can be stored, each phone number stored in the Phonebook that contains over 24 digits counts as two Phonebook items.
- If there is only one Phonebook memory location available, you cannot store a phone number that is over 24 digits long.
- To change a character or digit, move the joystick  to highlight it, press  to delete it, then enter the new character or digit.
- To clear an entire line, press and hold .
- To move the cursor to the left or right, move the joystick  or , respectively.
- To lock or unlock the Phonebook, press  or  for more than 2 seconds while in standby mode. When unlocking the Phonebook, “UnLock Phonebook Enter Password ----” will be displayed. Enter your password. Note that if you press  for less than 2 seconds, “Enter Password ----” will be displayed but the Phonebook will not be unlocked even enter the correct password.

## ◆ Deleting

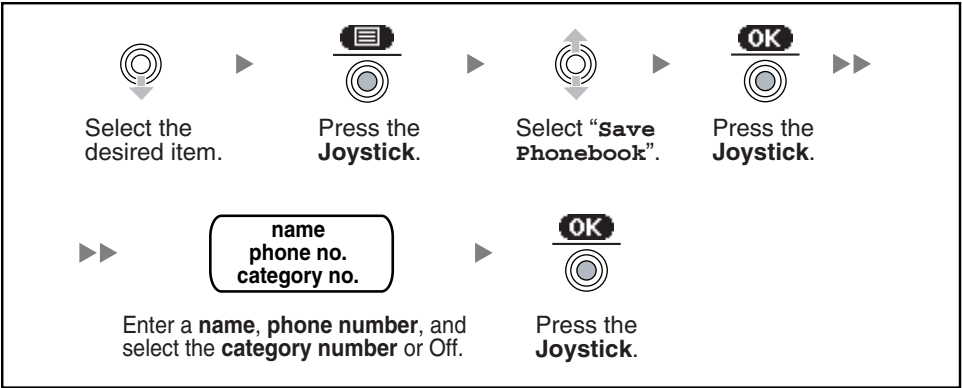


- If you delete the Phonebook item that you also stored as hot key, the Hot Key Dial is also deleted. (See page 22.)

# Using the Phonebook

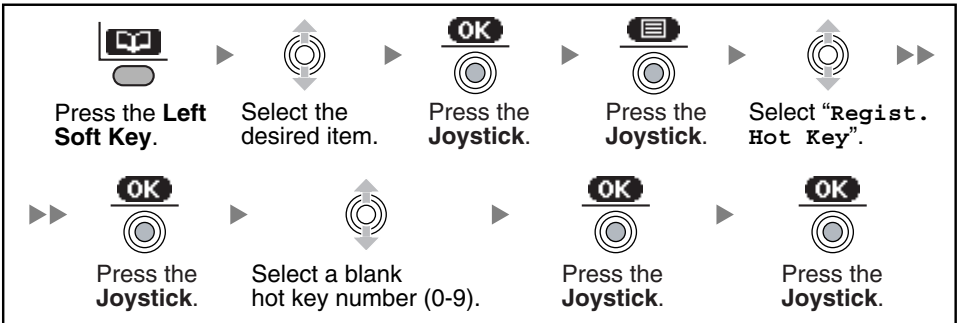
## ◆◆ Storing an item in the Handset Phonebook

### ◆ Using the Outgoing Call Log



## ◆◆ Using Hot Key Dial

The phone numbers stored in the Handset Phonebook can be assigned as hot key.



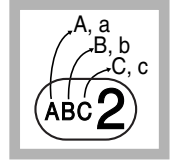
- A "✓" will be displayed next to hot key numbers that have a Phonebook item registered to them.

## ◆◆ Entering Characters

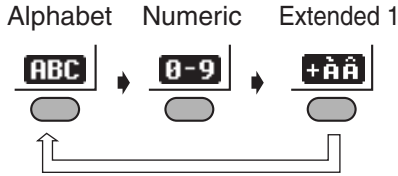
You can enter characters and digits using the dialing keys.

You can select one of 3 character modes by pressing the **Right Soft Key** while entering a name. The function icon above the soft key displays the current character mode.

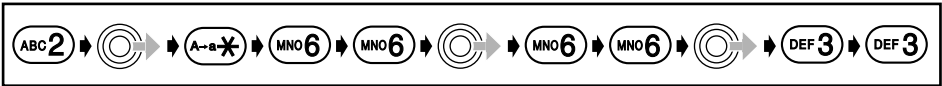
See “Character Mode Table” (page 24) for available characters.









To change the character mode while editing a name in the Phonebook, press the **Right Soft Key**.



**Example:** To enter “Anne” in Alphabet Mode.



- To switch between uppercase and lowercase, press .
- To enter a character located on the same dialing key as the previous character, move the cursor by moving the Joystick , then enter the desired character.
- If you enter a different character by mistake, move the Joystick  to highlight the character, press  to delete it, then enter the correct character.
- To clear an entire line, press and hold .
- To move the cursor, move the Joystick .

# Using the Phonebook

## ◆ Character Mode Table

Keys	ABC (Alphabet)	0-9 (Numeric)	+AA (Extended 1)
①	Space # & ' ( ) * , - . / 1	1	Space # & ' ( ) * , - . / 1
②	ABC 2	2	AAÁÂÃÄÅÆBCÇ 2
	abc 2		aàáâãäåæbcç 2
③	DEF 3	3	DEÈÉÊËËF 3
	def 3		deèéêëëf 3
④	GHI 4	4	GĞHIİİİİİİ 4
	ghi 4		gğhiıııııı 4
⑤	JKL 5	5	JKL 5
	jkl 5		jkl 5
⑥	MNO 6	6	MNÑOOÓÔÕÖø 6
	mno 6		mññoóóôõöø 6
⑦	PQRS 7	7	PQRSŞß 7
	pqrs 7		pqrsşß 7
⑧	TUV 8	8	TUÚÚÚÚÛV 8
	tuv 8		tuúúúúûv 8
⑨	WXYZ 9	9	WŴXYÿZ 9
	wxyz 9		wŵxyÿz 9
⑩	Space 0	0	Space 0

- Press **↔\*** to change between uppercase and lowercase.
- For example, to enter the letter “C”, press **ABC2** three times.

This feature list applies only when your Wireless PT is connected to a KX-TA series PBX. For further information, refer to the user documentation for the KX-TA series PBXs or consult your dealer. Please note that this feature list does not apply to KX-TA1232. Please refer to the User Manual of the KX-TA1232 for operation.

Desired Function	Operation		
<b>Making Calls</b>			
Calling	<p><b>To an extension</b></p>	<p><b>To an external party</b></p>	
	<p><b>To use F-keys</b></p>		
	<p><b>To use Hot Key Dial</b></p>		
	<p><b>To use the Outgoing Call Log</b></p>		<ul style="list-style-type: none"> <li>• When calling a number in the Outgoing Call Log, the receiver's information is displayed.</li> </ul>
	<p><b>To use the Handset Phonebook</b></p> <p>&lt;Direct Search&gt;</p> <p>&lt;Name Search&gt;</p>		<ul style="list-style-type: none"> <li>• Press the corresponding dial key, then press the key repeatedly to select the desired character.</li> </ul>








































- You can confirm a number was dialed correctly before calling (**Predialing**) by entering the number, then pressing .
- To clear an entire number while predialing, press and hold .
- The numbers you dial will be stored in the Outgoing Call Log. However, in some cases, such as when the caller hangs up shortly after completing dialing, the number cannot be stored. Note that, Outgoing Log setting of your handset must be set to on for this feature to operate.
- When completing a call, if you make another call by pressing and dialing a new number, only the first number you dialed will be stored in the Outgoing Call Log.
- Password or Account Code you enter will also be stored in the Outgoing Call Log. Therefore, please delete as necessary for security.









































# Feature List


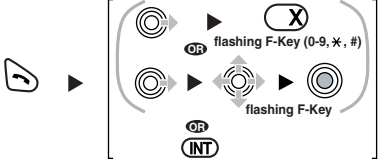
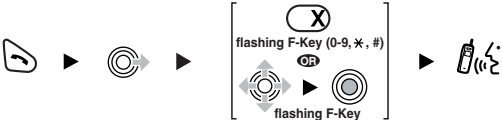

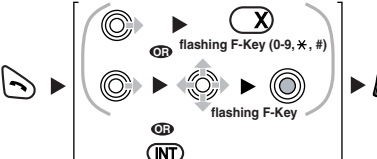
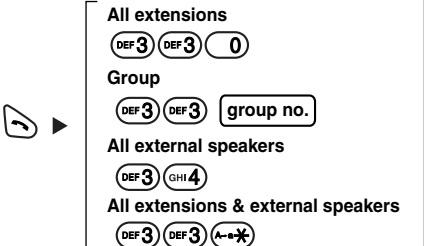

Desired Function	Operation
<b>Making Calls</b>	
Redial*	
One-touch Dialing	<b>To program</b> 
	<b>To dial</b> 
Calling an operator	
Speed Dialing (Personal)	<b>To store</b> 
	<b>To dial</b> 
Speed Dialing (System)	<b>To dial</b> 

\* You can use the last number stored in the PBX to make calls (Last Number Redial). However, in this case the number will not be stored as a new entry in the Outgoing Call Log. To display the last number you dialed, press . Note that, depending on your PBX, pressing this key may switch to SP-PHONE and start dialing the displayed number automatically.

Desired Function	Operation	
<b>Receiving Calls</b>		
Receiving	<b>An Intercom Call/An Outside Call to answer a call when the handset is ringing</b>	
	 ►  <b>An Intercom Call to answer a call on the hands-free mode</b>  ►  Talk on the speaker phone. <b>An Outside Call to answer a call on a specific line</b>  ►  rapidly flashing F-Key (0-9, *, #) OR  rapidly flashing F-Key ►  Talk on the speaker phone. OR  rapidly flashing F-Key ►  ►  Select a rapidly flashing F-Key	
Picking up a call	 ► <b>Directed</b>  ► extension no. ►  <b>Group</b>  	
<b>When the Dialed Extension is Busy/No Answer</b>		
Automatic Callback Busy	<b>To set</b> <i>While hearing a busy tone</i>  ► 	<b>To answer</b> <i>If you hear callback ringing</i> ► 
Message Waiting	Sender	<b>To leave a notification</b> <i>When the receiver's extension is busy or does not answer</i>  ►  ►  <hr/> <b>To cancel a notification</b>  ► receiver's extension no. ►  ►  ►  ►  ► 
	Receiver	<b>To call back</b>  ►  ►  ►  <hr/> <b>To clear all notifications</b>  ►    ► # ► 

# Feature List

Desired Function	Operation	
<b>When the Dialed Extension is Busy/No Answer</b>		
Call Waiting	Sender	<p>While hearing a busy tone</p> <p> ► Wait for an answer. ► </p>
	Receiver	<p><b>For outside calls</b></p> <p>      Set       Cancel         </p> <p> ► <b>For intercom calls/doorphone calls</b> ► </p> <p>      Set       Cancel         </p> <p><b>To talk to the new party (While hearing the Call Waiting tone)</b></p> <p><b>Terminating a current status</b></p> <p> ►  ► </p> <hr/> <p><b>To hold and then talk to the new party</b></p> <p> ►  ►  ►  ►  ►  ►  ►  ►  ►  ►  ►  ►  ► </p>

Desired Function	Operation
<b>During a Conversation</b>	
<p>Holding a call</p>	<p><b>Holding</b></p>  <p><b>To retrieve a call at the holding extension</b></p>  <p><b>To retrieve an outside call from another extension</b></p> 
<p>Holding a call exclusively</p>	<p><b>Holding</b></p>  <ul style="list-style-type: none"> <li>You can hold a call exclusively so that other people cannot retrieve the call.</li> </ul> <p><b>To retrieve a call on exclusive hold</b></p> 
<b>Useful Features</b>	
<p>Paging</p>	<p><b>To page</b></p>  <p><b>To answer an announced page</b> Through a telephone speaker</p>  <p>Announce.</p>



- The method used to hold a call depends on the Call Hold mode (General Call/ Exclusive Call Hold). Ask your manager what the current mode is.
- When you hold several outside line calls, you need to assign the F-Keys (Specified CO/Group CO/Idle CO) to a flexible key as necessary, beforehand.
- While making a paging announcement, the draining of the battery is as same as a conversation.

# Feature List

Desired Function	Operation
<b>Useful Features</b>	
Three-party conference	<p><i>During a conversation</i></p>
Setting Absent Message	
Clearing the setting	
Log-in/Log-out	<p style="text-align: center;">* ICD Group: Incoming Call Distribution Group</p>
Do Not Disturb (DND)	
Forwarding a call	<p style="text-align: center;">To Voice Processing System (VPS)</p>
Locking your extension	<p style="text-align: center;">* Lock code is 4 digits.</p>

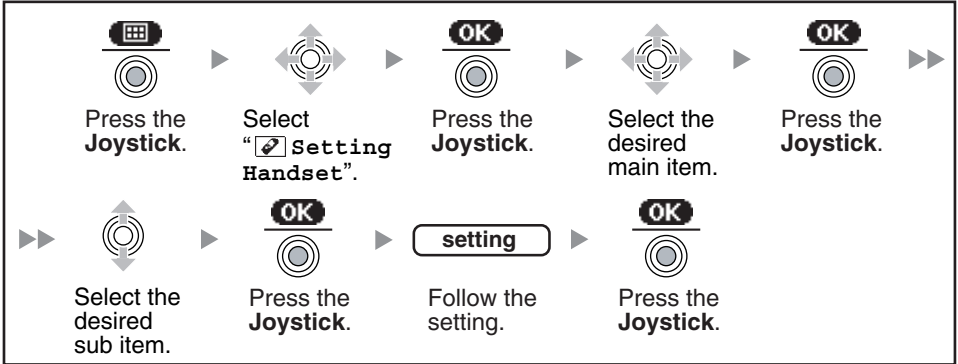
Desired Function	Operation		
<b>To Make Use of Voice Mail Service</b>			
Listening to a message	From your own extension	▶ <b>VPS extension no.</b> ▶ # • If you have no password, you can skip the last step.	<input type="checkbox"/> KX-TVA series <b>1</b> Listen to Message <b>2</b> Deliver Message <b>3</b> Mailbox Management <b>4</b> Automated Attendant <b>5</b> Message Notification <b>6</b> Other Features <b>A-a*</b> Hang UP <input type="checkbox"/> KX-TVS series <b>1</b> Listen to Message <b>2</b> Deliver Message <b>3</b> Check Mailbox Distribution <b>4</b> Automated Attendant <b>5</b> Mailbox Management <b>6</b> Other Features <b>A-a*</b> Hang UP
	From someone else's extension	▶ <b>VPS extension no.</b> ▶ # <b>MNO6</b> ▶ <b>A-a*</b> ▶ <b>mailbox no.</b> ▶ # • If you have no password, you can skip the last step.	
Leaving a message	▶ <b>VPS extension no.</b> ▶ <div style="display: flex; align-items: center; margin-top: 10px;"> <div style="border-left: 1px solid black; border-right: 1px solid black; padding: 0 10px;"> <p>From your own extension</p>   #         </div> <div style="margin: 0 10px;">▶</div> <div style="border-left: 1px solid black; border-right: 1px solid black; padding: 0 10px;"> <p>From someone else's extension</p>  #  <b>MNO6</b> ▶  <b>A-a*</b> ▶  <b>mailbox no.</b> ▶   #         </div> <div style="margin-left: 10px;">▶  <b>ABC2</b> ▶</div> </div> <p style="margin-left: 100px;">• If you have no password, you can skip the last step.</p> <div style="margin-top: 10px;">  #  <b>1</b> ▶ Enter the first 3 or 4 letters of the desired name ▶  <b>1</b> ▶ Leave a message ▶     </div> <div style="margin-top: 10px;"> <b>1</b> <b>ABC2</b> ▶     <div style="display: inline-block; border: 1px solid black; padding: 5px; margin-left: 10px;"> <p><b>To send the message immediately</b></p> <b>1</b> <b>ABC2</b>    <input type="checkbox"/> KX-TVA series  <b>ABC2</b>                    <input type="checkbox"/> KX-TVS series  <p><b>To set the delivery time</b></p> <b>1</b> <b>1</b> ▶ Follow the guidance     </div> </div>		
During playback	<b>0</b> Repeat Voice Guidance <b>A-a*</b> Exit Menu		



- Consult your dealer for more details about the feature access numbers.
- Some feature access numbers may be different in each market. Please consult your local dealer for the details.

# Programming

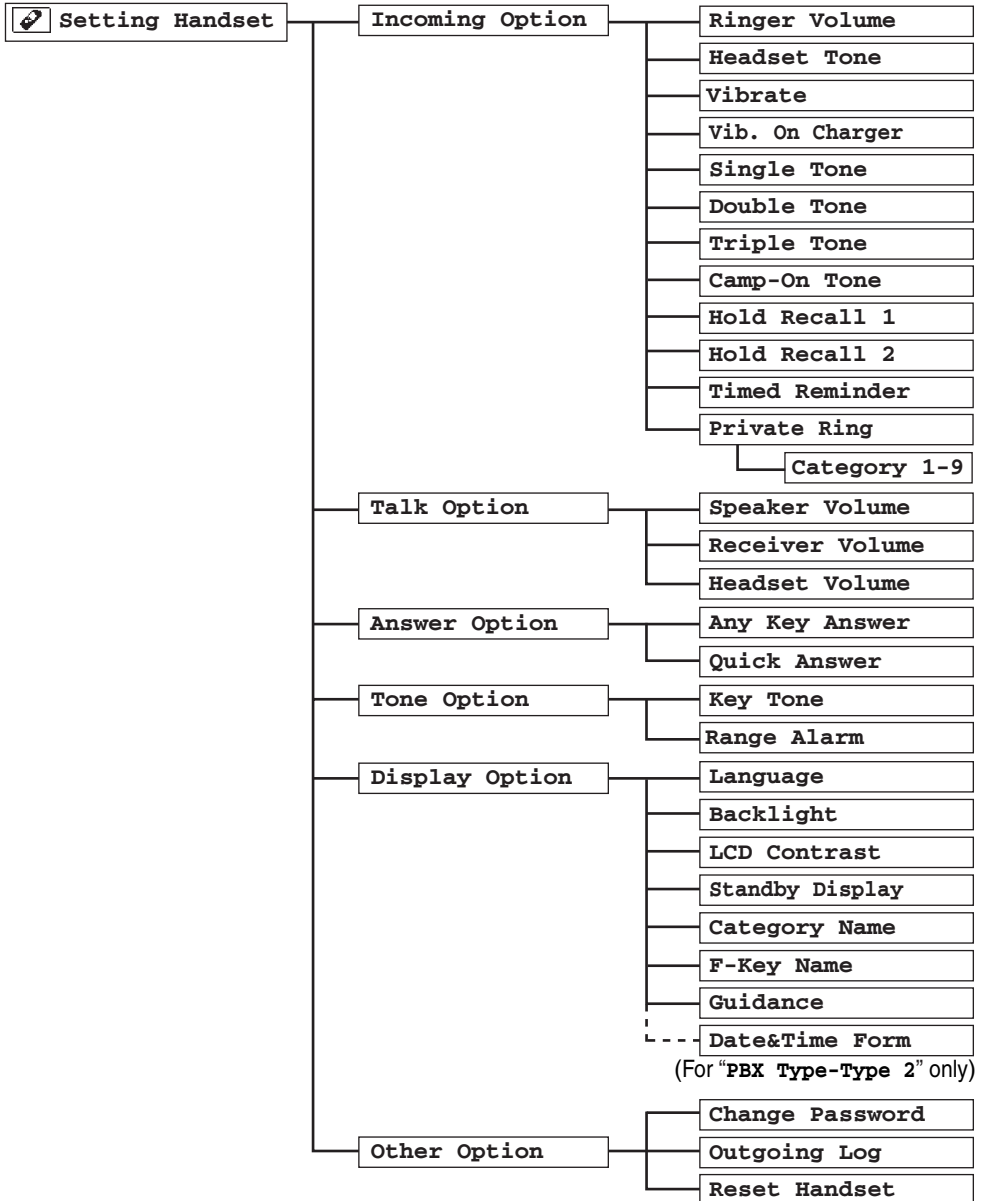
## ◆◆ Changing the Initial Settings

You can customize the handset by editing the settings found under “Setting Handset” in the menu list, as follows:



- To return to the previous menu, press .
- To cancel, press  at any time.
- The unit will beep to indicate that the new settings have been saved.

## ◆ Handset setting menu layout



# Programming

Main Item	Sub Item	Description	Setting	Default
Incoming Option	Ringer Volume	Adjusts the ringer volume.	<input type="checkbox"/> Step Up/Step Down/6 levels/Off	Level 3
	Headset Tone	Selects whether a tone is heard from the attached headset while receiving a call.	<input type="checkbox"/> On/Off	Off
	Vibrate	Selects whether the handset vibrates while receiving a call.	<input type="checkbox"/> On/Vib.→ Ring /Off	Off
	Vib. On Charger	Selects the ringing mode (Ringer or OFF) in vibrate mode while a handset is on a charger.	<input type="checkbox"/> Ringer/Off	Ringer
	Single Tone	Selects the ringer pattern for each type of call.	<input type="checkbox"/> 6 Rings/9 Melodies/Off	Bell 1
	Double Tone			
	Triple Tone	Selects the LED pattern for each type of call.*1	<input type="checkbox"/> Red/Green/Orange/ R→ G→ O/Off	Red: Single Tone Green: Double Tone Private Ring Orange: Triple Tone R→ G→ O: Camp-On Tone Hold Recall 1 Hold Recall 2 Timed Reminder
	Camp-On Tone			
	Hold Recall 1			
	Hold Recall 2			
Timed Reminder				
Private Ring				
Category 1-9				
	Selects the vibrate pattern for each type of call.*2	<input type="checkbox"/> Single/Double/Triple/ Short Double/ Short Triple/ Short Term/ Continuous/Off	Single	

# Programming

Main Item	Sub Item	Description	Setting	Default
Talk Option	Speaker Volume	Adjusts the rear speaker volume during a conversation.	<input type="checkbox"/> 6 levels	Level 3
	Receiver Volume	Adjusts the receiver volume during a conversation.	<input type="checkbox"/> 4 levels	Level 2
	Headset Volume	Adjusts the headset volume during a conversation.	<input type="checkbox"/> 4 levels	Level 2
Answer Option	Any Key Answer	Answers a call by pressing any dial key.	<input type="checkbox"/> On/Off	Off
	Quick Answer	Answers a call while charging by just lifting up a handset from the charger.	<input type="checkbox"/> On/Off	Off
Tone Option	Key Tone	Turns the key tone off or on.	<input type="checkbox"/> On/Off	On
	Range Alarm	Selects whether range alarm tone rings or not.	<input type="checkbox"/> Talk/Idle/Talk & Idle/Off	Talk
Display Option	Language	Selects the display language.	<input type="checkbox"/> English/ Español/ FRANÇAIS	English
	Backlight	Turns on backlight of LCD and keypad.	<input type="checkbox"/> On/On & Receiving/ Off	On
	LCD Contrast	Adjusts the LCD contrast.	<input type="checkbox"/> 5 levels	Level 3
	Standby Display	Edits its own name displayed on LCD while in standby mode.	<input type="checkbox"/> 16 characters	Not stored

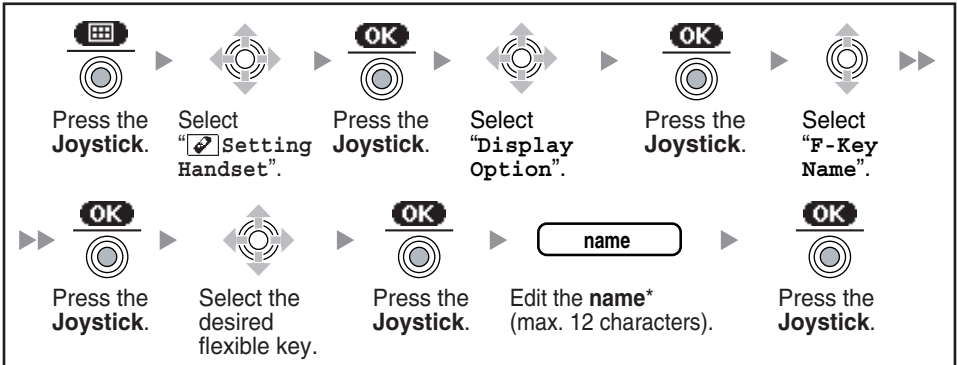
# Programming

Main Item	Sub Item	Description	Setting	Default
Display Option	Category Name	Edits the category name.	<input type="checkbox"/> Select a Category. (1-9)	Not stored
	F-Key Name	Edits the name of flexible keys. (max. 12 characters)	<input type="checkbox"/> 12 characters × 12 Flexible key	Not stored
	Guidance	Selects whether the guidance display is shown or not in standby mode.	<input type="checkbox"/> On/Off	On
	Date&Time Form (For "PBX Type-2" only)	Selects the format for the date shown on the display in standby mode.	<input type="checkbox"/> DD-MM 12H DD-MM 24H MM-DD 12H MM-DD 24H	DD-MM 12H
Other Option	Change Password	Changes the handset password. (4 digits)	<input type="checkbox"/> Enter Old Password.+/ Enter New Password.+/ Verify New Password.	1234
	Outgoing Log	Selects whether to save an outgoing log or not.	<input type="checkbox"/> Enter Password. + Select On/Off	Off
	Reset Handset	Returns the handset settings (except Registration) to the default settings.	<input type="checkbox"/> Enter Password.+/ Select menu(s).+/ Press "OK".	

\*1 The LED pattern does not change when a call is being monitored with the Call Monitor feature.

\*2 For KX-TDA series PBXs, if the Timed Reminder tone is specified at the PBX side, any Timed Reminder tone set at your telephone will be ignored.

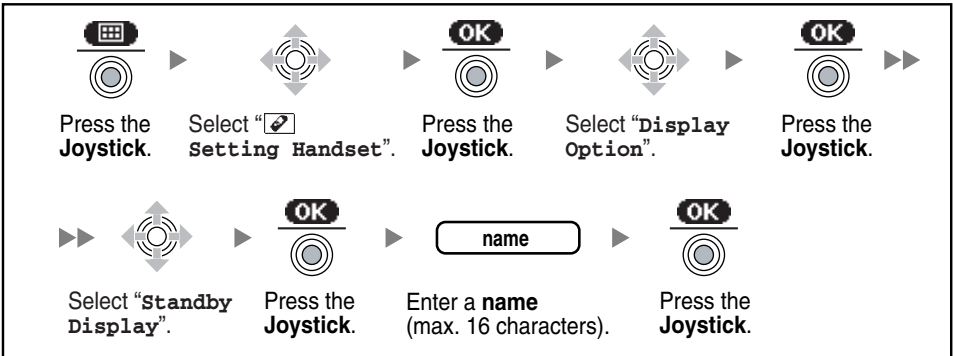
## ◆ Flexible key name edit



\* To edit the name, see page 23.

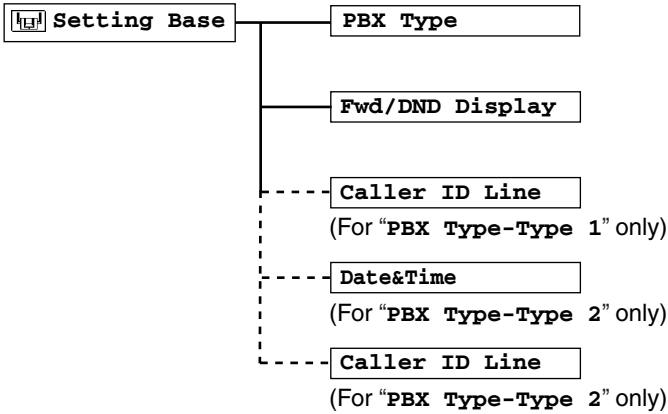
## ◆ Standby display name edit

You can name the handset to identify.



# Programming

## ◆ Base unit setting menu layout



### Common Settings

Main Item	Description	Setting	Default
PBX Type	Selects the type of PBX that the base unit is connected to.*1	<input type="checkbox"/> Type 1/Type 2	Type 1
Fwd/DND Display		<input type="checkbox"/> Mode 1/Mode 2	Mode 1*2

\*1 After you set the PBX type, disconnect and reconnect the telephone cord.

\*2 For KX-TDA series, default may vary by country/area.

The following settings vary depending on the PBX type.

#### For "PBX Type-Type 1" only [KX-TA624/KX-TA824/KX-TAW848/KX-TDA series]

Main Item	Description	Setting	Default
Caller ID Line	Selects which line of the display Caller ID is shown from.	<input type="checkbox"/> 1st Line/ 2nd Line/ 3rd Line	1st Line

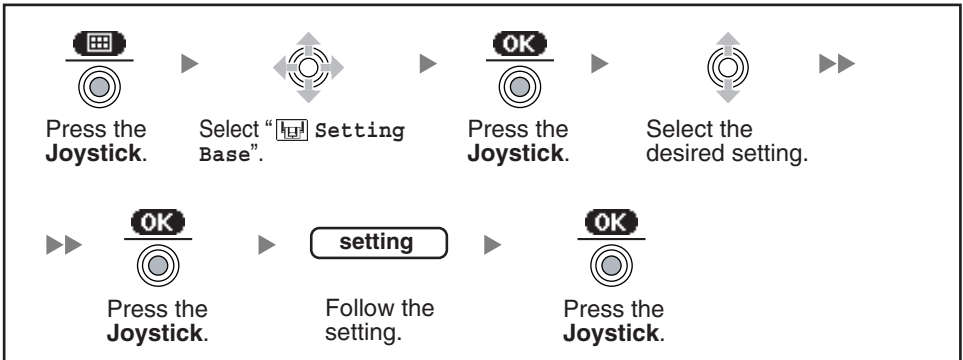
For "PBX Type-Type 2" only [KX-TA308/KX-TA1232/KX-TD series]

Main Item	Description	Setting	Default
Date&Time	Sets the date and time for the base unit.	<input type="checkbox"/> Date Time	01-01-05(D-M-Y) 12:00 AM(H:M)
Incoming Log	Sets each type of Incoming Log either on or off.*	<input type="checkbox"/> Single Tone On/Off Double Tone On/Off Triple Tone On/Off	Single Tone: Off Double Tone: Off Triple Tone: Off



- \* When a check mark is displayed beside a tone type, incoming call information for that tone type will be logged.
- These settings are only applied to your telephone, not the PBX itself.
- Set the current date and time to the base unit. If you do not do so, the date and time of incoming and outgoing calls will not be displayed correctly.

## ◆◆ Setting Base Unit




# Important Information

## BATTERY INFORMATION


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

Operation	Operating Time
While in use (Talk)	Up to about 7 h
While not in use (Stand-by)	Up to about 168 h

- Operating time may be shortened depending on usage conditions and ambient temperature.
- The battery will drain slowly even while the unit is turned off.
- The handset can receive calls while charging.
- Battery consumption increases when the handset is used out of range. If “


### ◆ **Low Battery Warning**

The battery needs to be charged in the following situations:

- “

\* If the low battery warning occurs during a conversation, the call will be disconnected automatically one minute later.

### ◆ **Replacing the Battery**

If “

Before replacing the battery, make sure the low battery warning is displayed, then turn off the power to prevent memory loss. Replace the battery, and charge the new battery for at least 7 hours.

If you replace the battery before the low battery warning appears, the battery strength icon may display an incorrect reading. In this case, use the handset as normal with the new battery installed. When the low battery warning is displayed, charge the battery for about 7 hours. The battery strength icon will then display the correct reading.

- Please use Panasonic battery with service part number N4HHGMB00005 or HHR-P103.



A nickel metal hydride battery that is recyclable powers the product you have purchased.

Please call 1-800-8-BATTERY for information on how to recycle this battery.

There is a danger of explosion if the battery is incorrectly replaced.

### IMPORTANT SAFETY INSTRUCTIONS

When using your telephone equipment, basic safety precautions should always be followed to reduce the risk of fire, electric shock and injury to persons, including the following:

1. Read and understand all instructions.
2. Follow all warnings and instructions marked on this unit.
3. Unplug the charger from the AC outlet 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 the charger on a stable surface.
6. The unit should never be placed near or over a radiator or other heat source.
7. The charger should only be connected to the type of electric power supply specified on the charger label. If you are not sure of the type of power supply to your home, consult your dealer or local power company.
8. Do not allow anything to rest on the power cord. Do not locate the charger where the power cord may be stepped on or tripped on.
9. To reduce the risk of fire or electric shock, do not overload AC outlets and extension cords.
10. 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 or in the unit.
11. 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.
12. Unplug the charger from the AC outlet and have the unit serviced by qualified service personnel in the following cases:
  - 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 work by an authorized servicenter.
  - E. If the unit has been dropped or damaged.
  - F. If the unit performance deteriorates.
13. Avoid using a wired telephone during an electrical storm. There is a remote risk of electric shock from lightning.
14. Do not use the telephone in the vicinity of a gas leak to report the leak.
15. When you operate this unit, the AC outlets should be near the unit and easily accessible.

# ***Important Information***

---

## **CAUTION:**

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

1. Use only the power cord and batteries indicated in this manual.
2. Do not dispose of batteries in a fire. They may explode. Check with local authorities for special disposal instructions.
3. Do not open or mutilate the battery. Released electrolyte is corrosive and may cause burns or injury to the eyes or skin. The electrolyte is 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 provided with or identified for use with this product only in accordance with the instructions and limitations specified in this manual.
6. There is a danger of explosion if the battery is incorrectly replaced.

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

## **WARNING:**

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

Unplug this unit from AC outlets if it 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 servicer.

## **FCC INFORMATION**

Privacy of communications cannot be ensured when using this phone.

This product complies with FCC radiation exposure limits set forth for an uncontrolled environment. To comply with FCC RF exposure requirements, it must be installed and operated in accordance with provided instructions. The base unit requires minimum 20 cm (8 in) spacing must be provided between antennas and all person's body (excluding extremities of hands, wrist and feet) during wireless modes of operation. For handset body-worn operation, this handset must be used with the provided plastic belt holder, which assures no metal parts and minimum of 1.5 cm (9/16 in) spacing from the user's body. This transmitter must not be co-located or operated in conjunction with any other antenna or transmitter.

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.

**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.

Using this telephone near 2.4 GHz electrical appliances may cause interference to one or both devices. Move away from the electrical appliances.

**Hearing Aid Compatibility**

This telephone provides magnetic coupling for hearing aids as defined by the FCC in 47 CFR Section 68.316.

When you hold the phone to your ear, noise might be heard in your Hearing Aid. Some Hearing Aids are not adequately shielded from external RF (radio frequency) energy. If noise occurs, use an optional headset accessory or the speakerphone option (if applicable) when using this phone. Consult your audiologist or Hearing Aid manufacturer about the availability of Hearing Aids which provide adequate shielding to RF energy commonly emitted by digital devices.

## OTHER IMPORTANT INFORMATION

**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 10 cm (3-15/16 in) 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 2,401 MHz to 2,480 MHz and emits 0.40 watts of RF [radio frequency] power.) 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 devices sensitive to external RF (radio frequency) energy.

**If you are having problems making calls** disconnect the unit from the telephone line and connect a known working phone. If the known working phone operates properly, have your unit

## ***Important Information***

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repaired by an authorized Panasonic Factory Servicenter. If the known working phone does not operate properly, consult your telephone company.

**Routine Care**—wipe the unit with a soft cloth. Do not clean the unit with abrasive powder or with chemical agents such as benzene or thinner. Clean the terminal of the charger periodically. When you leave the unit unused for a long period of time, unplug the AC adaptor from the outlet.

### **For Product Service**

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

### **To return a product for repair**

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, as they are not equipped to make repairs.

### **Product Service**

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

- 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 su uso en los Estados Unidos de América. La venta o el empleo de este producto en ciertos países puede constituir una 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。

**SAVE THESE INSTRUCTIONS**

## ***Important Information***

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**For your future reference**

SERIAL NO. \_\_\_\_\_  
(found inside the battery compartment)

DATE OF PURCHASE \_\_\_\_\_

NAME OF DEALER \_\_\_\_\_

DEALER'S ADDRESS \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

DEALER'S TEL. NO. \_\_\_\_\_

**Panasonic Consumer Electronics Company**  
**Division of Panasonic Corporation of North America**  
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Secaucus, NJ 07094

**Panasonic Puerto Rico, Inc.**  
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