Panasonic

2LINE

Quick Guide

Connecting the AC adaptor/corded handset

### Base unit

① Connect the AC adaptor to the unit by pressing the plug firmly.
② Connect the AC adaptor to the power outlet.
③ Fasten the AC adaptor cord by hooking it.
  *1 After connecting the telephone line cord(s), fasten the telephone line cord(s) by hooking them.
④ Connect the corded handset cord to the corded handset and the base unit until you hear a click.
● Use only the supplied Panasonic AC adaptor PNLV226.
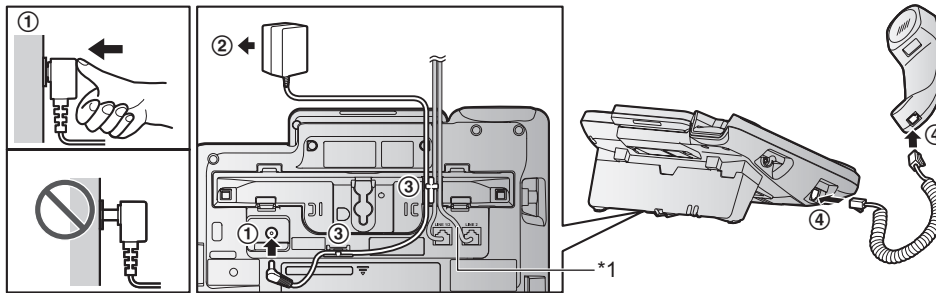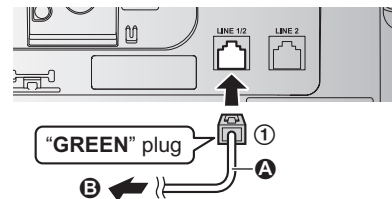
Charger

① Connect the AC adaptor to the power outlet.
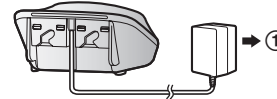
Connecting the telephone line cord

■ **To connect to a 2-line telephone jack**
① Connect the "**GREEN**" plug telephone line cord (4-wire cord) (Ⓐ) to the unit, then to the 2-line telephone jack (RJ14C) (Ⓑ) until you hear a click.

"**GREEN**" plug

Connecting the telephone line cord
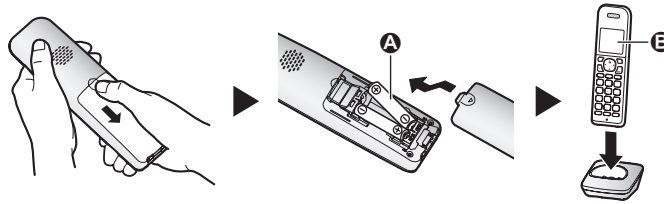
■ **To connect to 2 single-line telephone jacks**

① For Line 1: Connect the "Transparent" plug telephone line cord (2-wire cord) (Ⓐ) to the unit, then to the Line 1 single-line telephone jack (RJ11C) (Ⓑ) until you hear a click.

② For Line 2: Connect the "**GREEN**" plug telephone line cord (4-wire cord) (Ⓒ) to the unit, then to the Line 2 single-line telephone jack (RJ11C) (Ⓓ) until you hear a click.

"Transparent" plug

"**GREEN**" plug
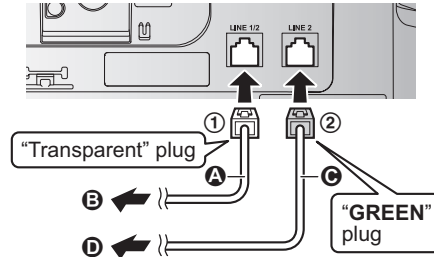
If you subscribe to a DSL/ADSL service, attach a DSL/ADSL filter to the telephone line between the base unit and the telephone line jack. Refer to the operating instructions for connections.

Handset battery installation/Handset battery charging

Charge for about 7 hours.

Note:
- USE ONLY rechargeable Ni-MH batteries AAA (R03) size (Ⓐ).
- Do NOT use Alkaline/Manganese/Ni-Cd batteries.
- Confirm correct polarities (⊕, ⊖).
- Follow the directions on the display to set up the unit.
- Confirm "**Charging**" is displayed (Ⓑ).

Using the unit as a single-line telephone only

① Connect the "Transparent" plug telephone line cord (2-wire cord) to LINE 1/2.

Handset/Base unit:
- To use line 1 only: **[MENU]**#⃞2⃞5⃞0⃞ → **[♦]**: "**Line1**" → **[SAVE]** → **[OFF]**/**[EXIT]**
- To erase the message "**Check tel line2**": **[MENU]**#⃞1⃞9⃞0⃞

– 2 –
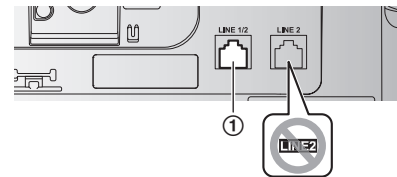
Operating tips

Soft keys
By pressing a soft key, you can select the feature shown directly above it on the display. Pay attention to the display to see what functions the soft keys are assigned during operation.

Navigator key
Handset:
– 【▲】, 【▼】, 【◄】, or 【►】: Scroll through various lists and items.
– ⊿ (Volume: 【▲】 or 【▼】): Adjust the receiver or speaker volume while talking.
– 【◄】 ▭: View the phonebook entry.
– 【►】 REDIAL: View the redial list.
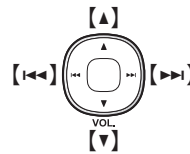– 【▼】 CID (Caller ID): View the caller list.
Base unit:
– 【▲】, 【▼】, 【I◄◄】, or 【►►I】: Scroll through various lists and items.
– VOL. (Volume: 【▲】 or 【▼】): Adjust the receiver or speaker volume while talking.
– 【I◄◄】/【►►I】: Repeat/skip messages during playback.
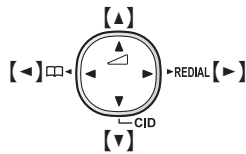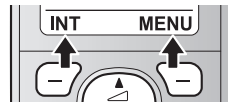
Handset	**Base unit**
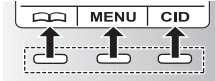
Date and time (Handset/Base unit)

1 【MENU】#️⃣1️⃣0️⃣1️⃣
2 Enter the current month, date, and year. → 【OK】
3 Enter the current hour and minute (12-hour clock format).
4 Proceed with the operation for your unit.
  Handset: ✳️: Select **"AM"** or **"PM"**. → 【SAVE】
  Base unit: [AM/PM]: Select **"AM"** or **"PM"**. → 【SAVE】
5 Proceed with the operation for your unit.
  Handset: 【OFF】
  Base unit: 【EXIT】

Recording your greeting message of the answering system for the landline (Handset/Base unit)

If you use a pre-recorded greeting message, you do not need to record your own greeting message.
1 For line 1: 【MENU】#️⃣3️⃣0️⃣2️⃣1️⃣
  For line 2: 【MENU】#️⃣3️⃣0️⃣2️⃣2️⃣
2 【♦】: Select the desired greeting message. → 【SELECT】
3 【♦】: **"Yes"** → 【SELECT】
4 Record a greeting message. → 【STOP】
5 Proceed with the operation for your unit.
  Handset: 【OFF】
  Base unit: 【EXIT】

## Link to cell

You can connect your base unit and cellular phone using Bluetooth® wireless technology, so that you can make or answer cellular calls using your phone system. For more details, please visit our Web site: http://www.panasonic.com/link2cell

● Locate your cellular phone near the base unit. If the cellular phone is too close to the base unit during a cellular call, you may hear noise. For best performance, we recommend placing the cellular phone between 0.6 m to 3 m (2 feet to 10 feet) away from the base unit.
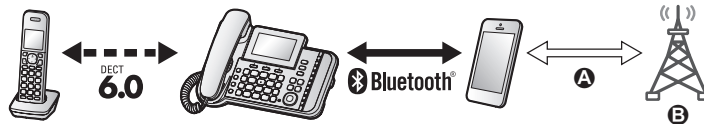
Ⓐ Cell line
Ⓑ Cell phone service providers

Pairing a Bluetooth cellular phone (Handset/Base unit)

1 For CELL 1: 【MENU】#6241
  For CELL 2: 【MENU】#6242
  For CELL 3: 【MENU】#6243
  For CELL 4: 【MENU】#6244
  ● After the corresponding CELL indicator on the base unit starts flashing, the rest of the procedure must be completed within 5 minutes.
2 Your cellular phone:
  While the corresponding CELL indicator is flashing, follow the instructions of your cellular phone to enter the pairing mode.
  ● Depending on your cellular phone, it may ask you to enter the Bluetooth PIN (default: "0000"). If your cellular phone shows PassKey confirmation on its display, follow the directions to proceed.
3 Wait until a long beep sounds.
  ● It may take more than 10 seconds to complete pairing.
  ● When the corresponding CELL indicator lights up, the cellular phone is connected to the base unit. You are ready to make cellular calls.
4 Proceed with the operation for your unit.
  Handset: 【OFF】
  Base unit: 【EXIT】
Note:
● Make sure that your cellular phone is set to connect to this product automatically. Refer to your cellular phone's operating instructions.

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Link to cell

Base unit: CELL indicators

Status	Meaning
On	A cellular phone is connected. Ready to make/receive cellular calls.
Flashing	– The cellular line is in use. – Phonebook entries are being copied from a cellular phone. – The base unit is searching for the paired cellular phone. – The base unit is pairing a cellular phone. – A cellular call is put on hold.
Flashing rapidly	A cellular call is being received.
Light off	– A cellular phone is not paired to the base unit. – A cellular phone is not connected to the base unit.

Handset: Link to cell display items

▯	A cellular line is in use. ● When flashing: The cellular call is put on hold. ● When flashing rapidly: A cellular call is being received.
¹²✶³⁴	A cellular phone is connected.[1] Ready to make/receive cellular calls. ● When turned off: A cellular phone is not connected to the base unit. *1 Corresponding cellular line(s) is(are) indicated next to the item.
C1 C2 C3 C4	– A cellular call is being done on that line. – The cellular line is selected for the setting.

Connecting/disconnecting the cellular phone (Handset/Base unit)

Auto connection to the Bluetooth devices (cellular phones or headset)
The unit connects to the Bluetooth devices at regular intervals if the connection is lost. To change the interval (default: **"1 min"**), see the operating instructions.
● When you are using a cellular line or a Bluetooth headset, the base unit loses its connection from other Bluetooth devices (cellular phone or headset). To automatically resume the connection to Bluetooth devices, leave the auto connection on.

Connecting/disconnecting the cellular phone manually
If you will not be using the paired cellular phone's link to cell feature temporarily (for example, you do not want the unit to ring when your cellular line receives a call), you can disconnect your cellular phone from the base unit. If you want to use it again, reconnect the cellular phone to the base unit.
● After you disconnect a paired cellular phone from the base unit manually, it will automatically be connected to the base unit in 30 minutes. If you do not use the link to cell feature anymore, unpair the cellular phone.
● A disconnected cellular phone is not unpaired from the base unit, so pairing it to the base unit again is unnecessary.
1 **To connect/disconnect:**
  For CELL 1: **[MENU]** # 6 2 5 1
  For CELL 2: **[MENU]** # 6 2 5 2
  For CELL 3: **[MENU]** # 6 2 5 3
  For CELL 4: **[MENU]** # 6 2 5 4
  ● A long beep sounds.
2 Proceed with the operation for your unit.
  Handset: [OFF]
  Base unit: [EXIT]

Basic operations

Making/Answering calls (Handset)

Making cellular calls	**1** Dial the phone number. → 【CELL】 ● When only 1 cellular phone is paired, the unit starts dialing. **2** When 2 or more cellular phones are paired: 【♦】: Select the desired cellular phone. → 【SELECT】
Making landline calls	Dial the phone number. → 【✆】/【📢】
Answering calls	【✆】/【📢】
To hang up	【OFF】
To adjust the receiver or speaker volume	Press 【▲】 or 【▼】 repeatedly while talking.
Making a call using the redial list	**1** 【►】 REDIAL → 【♦】: Select the desired phone number. **2** **To make a cellular call:** When only 1 cellular phone is paired: 【CELL】 or When 2 or more cellular phones are paired: 【CELL】 → 【♦】: Select the desired cellular phone. → 【SELECT】 **To make a landline call:** 【✆】

Making/Answering calls (Base unit)

Making cellular calls	Dial the phone number. → Press the desired cellular line key (【CELL 1】 to 【CELL 4】). → Lift the corded handset.
Making landline calls	Dial the phone number. → Lift the corded handset, or press 【📢】.
Answering calls	Lift the corded handset, or press 【📢】.
To hang up	Place the corded handset on the cradle. When the speakerphone is used, press 【📢】.
To adjust the receiver or speaker volume	Press 【▲】 or 【▼】 repeatedly while talking.
Making a call using the redial list	**1** 【REDIAL】 → 【♦】: Select the desired phone number. **2** **To make a cellular call:** Press the desired cellular line key (【CELL 1】 to 【CELL 4】). → Lift the corded handset. **To make a landline call:** Lift the corded handset.

Adjusting the ringer volume (Handset/Base unit)

To adjust the ringer volume (cellular line/landline)	Press 【▲】 or 【▼】 repeatedly to select the desired volume while ringing.

Basic operations

Phonebook (Handset)

Adding entries	1 **[◄]** 🕮 → **[MENU]** 2 **[♦]**: "Add new entry" → **[SELECT]** 3 Enter the party's name (16 characters max.). → **[OK]** 4 Enter the party's phone number (24 digits max.). → **[OK]** 5 **[♦]**: Select the desired group. → **[SELECT]** 2 times → **[OFF]**
Making calls	1 **[◄]** 🕮 → **[♦]**: Select the desired entry. 2 **To make a cellular call:** When only 1 cellular phone is paired: **[CELL]** or When 2 or more cellular phones are paired: **[CELL]** → **[♦]**: Select the desired cellular phone. → **[SELECT]** **To make a landline call:** **[➘]**

Phonebook (Base unit)

Adding entries	1 **[🕮]** → **[MENU]** 2 **[♦]**: "Add new entry" → **[SELECT]** 3 Enter the party's name (16 characters max.). → **[OK]** 4 Enter the party's phone number (24 digits max.). → **[OK]** 5 **[♦]**: Select the desired group. → **[SELECT]** 2 times → **[EXIT]**
Making calls	1 **[🕮]** → **[♦]**: Select the desired entry. 2 **To make a cellular call:** Press the desired cellular line key (**[CELL 1]** to **[CELL 4]**). → Lift the corded handset. **To make a landline call:** Lift the corded handset.

Answering system for the landline (Base unit)

Answering on/off	**To turn on/off:** For line 1: Press **[L1]**(ANSWER ON/OFF). For line 2: Press **[L2]**(ANSWER ON/OFF).
Listening to messages	For line 1: Press **[►■]** (PLAY1). For line 2: Press **[►■]** (PLAY2).

Answering system for the landline (Handset)

Listening to messages	**To listen to new messages:** For line 1: **[PLAY1]** or **[MENU]**#3231 For line 2: **[PLAY2]** or **[MENU]**#3232 **To listen to all messages:** For line 1: **[MENU]**#3241 For line 2: **[MENU]**#3242

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Call from Outlook® (Telephone Plug-in)

By installing the **"Telephone Plug-in"** software for Microsoft® Office Outlook® found on the supplied CD-ROM and connecting the base unit and your computer with the mini USB cable, the following features are available:

– You can make/answer landline or cellular calls from the **"Telephone Plug-in"** of Microsoft Office Outlook through the base unit.
– Caller information is shown in a pop-up window on your computer display when a call is received.

Making calls from Outlook

■ **For Microsoft Office Outlook 2010/2013 users**

Making a call from the Microsoft Outlook 2010/2013 contact list	**1** Find and open the desired contact. **2** Click **[Phone numbers▾]**. **3** Click the phone number you want to call. **4** **Using a landline:** Click **[Call from line1]** or **[Call from line2]** to select the desired line. **Using a cellular line:** Click **[Call from cell▾]**, and click the desired cellular line list (**[Cell1]**[*1] to **[Cell4]**[*1]). *1 After the Bluetooth device is paired, the device name is displayed.
Making a call from the caller list	**1** Click **[Caller list▾]**. **2** Click the phone number you want to call. **3** **Using a landline:** Click **[Call from line1]** or **[Call from line2]** to select the desired line. **Using a cellular line:** Click **[Call from cell▾]**, and click the desired cellular line list (**[Cell1]**[*1] to **[Cell4]**[*1]). *1 After the Bluetooth device is paired, the device name is displayed.
Making a call from the redial list	**1** Click **[▾]** displayed to the right of **[Dial number]**. **2** Click the phone number you want to call. **3** **Using a landline:** Click **[Call from line1]** or **[Call from line2]** to select the desired line. **Using a cellular line:** Click **[Call from cell▾]**, and click the desired cellular line list (**[Cell1]**[*1] to **[Cell4]**[*1]). *1 After the Bluetooth device is paired, the device name is displayed.
Making a call by entering a phone number in the toolbar	**1** Enter the phone number in the toolbar. **2** **Using a landline:** Click **[Call from line1]** or **[Call from line2]** to select the desired line. **Using a cellular line:** Click **[Call from cell▾]**, and click the desired cellular line list (**[Cell1]**[*1] to **[Cell4]**[*1]). *1 After the Bluetooth device is paired, the device name is displayed.

Call from Outlook® (Telephone Plug-in)

■ For Microsoft Office Outlook 2007 users

Making a call from the Microsoft Outlook 2007 contact list	**1** Find and double click the desired contact. **2** **Using a landline:** Click **[Call from line1]** or **[Call from line2]** to select the desired line. **Using a cellular line:** Click **[Call from cell▾]**, and click the desired cellular line list (**[Cell1]**[*1] to **[Cell4]**[*1]). *1 After the Bluetooth device is paired, the device name is displayed. **3** Click **[Phone numbers▾]**. **4** Click the phone number you want to call.
Making a call from the caller list	**1** **Using a landline:** Click **[Call from line1]** or **[Call from line2]** to select the desired line. **Using a cellular line:** Click **[Call from cell▾]**, and click the desired cellular line list (**[Cell1]**[*1] to **[Cell4]**[*1]). *1 After the Bluetooth device is paired, the device name is displayed. **2** Click **[Caller list▾]**. **3** Click the phone number you want to call.
Making a call from the redial list	**1** **Using a landline:** Click **[Call from line1]** or **[Call from line2]** to select the desired line. **Using a cellular line:** Click **[Call from cell▾]**, and click the desired cellular line list (**[Cell1]**[*1] to **[Cell4]**[*1]). *1 After the Bluetooth device is paired, the device name is displayed. **2** Click **[▾]** displayed to the right of **[Dial number]**. **3** Click the phone number you want to call.
Making a call by entering a phone number in the toolbar	**1** **Using a landline:** Click **[Call from line1]** or **[Call from line2]** to select the desired line. **Using a cellular line:** Click **[Call from cell▾]**, and click the desired cellular line list (**[Cell1]**[*1] to **[Cell4]**[*1]). *1 After the Bluetooth device is paired, the device name is displayed. **2** Enter the phone number in the toolbar. **3** Press the Enter key on your computer to dial the number.

Hanging up a call

When you finish a call, press **[⋈]** on the base unit.
or
Using a landline:
Click **[Disconnect line1]** or **[Disconnect line2]** in the toolbar.
Using a cellular line:
Click **[Disconnect cell▾]** in the toolbar, and click the desired cellular line list (**[Cell1]**[*1] to **[Cell4]**[*1]).
*1 After the Bluetooth device is paired, the device name is displayed.

Call from Outlook® (Telephone Plug-in)

Answering calls from Outlook

When a call is received on **"Telephone Plug-in"** of Outlook, caller information is displayed on a pop-up window of your computer.
To answer the call from Outlook, perform the following operation depending on your selected pop-up window.
– **"Contact list"** (default):
 Using a landline:
 Click **[Answer to line1]** or **[Answer to line2]** in the toolbar.
 Using a cellular line:
 Click **[Answer to cell▼]** in the toolbar, and click the desired cellular line list (**[Cell1]**[*1] to **[Cell4]**[*1]).
 *1 After the Bluetooth device is paired, the device name is displayed.
– **"Simple window"**: Click **[Answer]**.
After an answer key is clicked, the base unit automatically turns on the speakerphone and answers via the speakerphone.

Using Bluetooth devices

Copying phonebook entries from a Bluetooth cellular phone (phonebook transfer)
(Handset/Base unit)

You can copy phonebook entries from the paired cellular phones or other cellular phones (not paired) to the unit's phonebook.
1 **[MENU]**#⑥①⑧
2 **To copy from paired cellular phones:**
 [♦]: Select the desired cellular phone. → **[SELECT]**
 ● Copied items are stored to the group (**"Cell 1"** to **"Cell 4"**) which the cellular phone is paired to.
 To copy from other cellular phones (not paired):
 [♦]: **"Other cell"** → **[SELECT]** → **[♦]**: Select the group you want to copy to. → **[SELECT]**
3 **When "Use the cell to transfer phonebook" is displayed:** Go to step 4.
 When "Select mode" menu is displayed:
 [♦]: Select **"Auto"** or **"Manual"**. → **[SELECT]**
 "Auto": Download all entries from the cellular phone automatically. Go to step 5.
 "Manual": Copy entries you selected.
 ● **"Select mode"** menu is displayed only when the cellular phone supports PBAP (Phone Book Access Profile) for Bluetooth connection.
 ● Some cellular phones may require you to perform an operation on the cellular phone even if you select **"Auto"**.
4 **Cellular phone:**
 Follow the instructions of your cellular phone to copy phonebook entries.
 ● For other cellular phones (not paired), you need to search for and select the base unit. The Bluetooth PIN (default: **"0000"**) may be required. If your cellular phone shows PassKey confirmation on its display, follow the directions to proceed.
 ● The entries being copied are displayed on the unit.
5 Wait until **"Completed"** is displayed.
6 Proceed with the operation for your unit.
 Handset: [OFF]
 Base unit: [EXIT]

Using Bluetooth devices

Using a Bluetooth wireless headset (optional) for landline calls

By pairing a Bluetooth headset to the base unit, you can have a hands-free conversation wirelessly for landline calls.
- 1 headset can be paired to the base unit. However, only one Bluetooth device (cellular phone or headset) can be connected to the base unit at a time.

Pairing a headset to the base unit (Handset/Base unit)
1 **Your headset:**
   Set your headset to pairing mode.
   - Refer to your headset operating instructions.
2 **【MENU】#621**

Ⓐ Pair using the handset or base unit.
Ⓑ Paring

3 **If your headset PIN is "0000",** go to step 4.
   If your headset PIN is other than "0000", press **【CLEAR】**, then enter your headset PIN.
   - Typically, default PIN is **"0000"**. Refer to the headset operating instructions.
4 Press **【OK】**, then wait until a long beep sounds. → **【OFF】**/**【EXIT】**
   - When the HEADSET indicator on the base unit lights up, the headset is available for use.

Operating a Bluetooth wireless headset using a landline (Base unit)
Refer to your headset operating instructions for headset operations.
■ **Answering landline calls with your headset**
   To answer a landline call, turn on your headset referring to your headset operating instructions.
   When you finish talking, turn off your headset referring to your headset operating instructions.
   - If you cannot hang up the call using your headset, press 【 】 on the base unit 2 times.
■ **Switching between the base unit and your headset**
   You can switch between the base unit and your headset:
   – during a landline call with the base unit speakerphone.
   – during an intercom call between the base unit and handset.
   – while listening to messages recorded on the base unit answering system.
   To switch to your headset:
   Press **【HEADSET】** on the base unit.
   To switch to the base unit:
   Press 【 】 on the base unit.

Frequently asked questions

Question	Cause/solution
Why is ⍦ displayed?	• The handset is too far from the base unit. Move closer. • The base unit's AC adaptor is not properly connected. Reconnect AC adaptor to the base unit. • The handset is not registered to the base unit. Register it. **1 Handset:** [MENU][#][1][3][0] **2 Base unit:** Press and hold [LOCATOR] for about 5 seconds. **3 Handset:** Press [OK], then wait until a long beep sounds.
Why am I unable to pair a cellular phone to the base unit?	• Depending on the compatibility of the cellular phone, you may not be able to pair it to the base unit. For more information, please visit http://www.panasonic.com/link2cell • Confirm that the Bluetooth feature of your cellular phone is turned on. You may need to turn this feature on depending on your cellular phone.
Why is there no dial tone? (cellular line)	• Make sure that the CELL indicator lights up and the cellular phone is connected to the base unit. • The cellular phone has not been paired to the base unit. Pair the cellular phone.
How can I increase the handset volume level?	• Press the navigator key [▲] repeatedly while talking.
Why is the conversation noisy or cutting off?	• Try to relocate the base unit so that distance to the handset is minimized. • If the same problem occurs even if the handset is next to the base unit, please visit: http://www.panasonic.com/support
Can I add another accessory handset to my base unit?	• Yes, you can add up to 12 handsets (including the handset(s) sold with your base unit) to a single base unit. • To purchase additional accessory handset(s) (KX-TGA950), please visit: http://www.pstc.panasonic.com TTY users (hearing or speech impaired users) can call 1-866-605-1277.
Can I keep the batteries charging all the time?	• You can leave the handset on the charger anytime. This will not harm the batteries.
How can I answer a call waiting call (2nd call)?	• Press [CALL WAIT] when you hear the call waiting tone.

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