

Panasonic

Model No. **KX-TGM430**

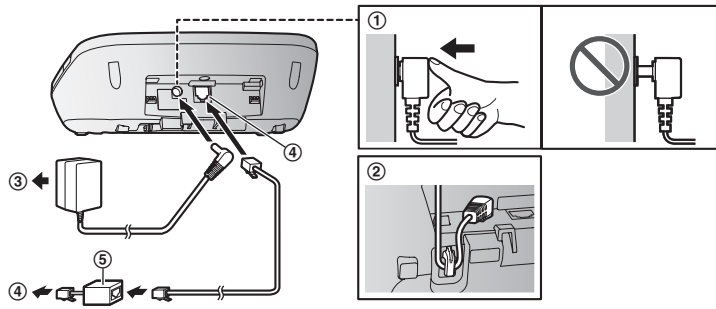
Quick Guide

Connections

- ① Connect the AC adaptor to the unit by pressing the plug firmly.
- ② Fasten the cord by hooking it.
- ③ Connect the AC adaptor to the power outlet.
- ④ Connect the telephone line cord to the unit, then to the single-line telephone jack (RJ11C) until you hear a click.
- ⑤ A DSL/ADSL filter (not supplied) is required if you have a DSL/ADSL service.

Note:

- The AC adaptor and telephone line cord come connected to the base unit at the time of shipment.
- Use only the supplied Panasonic AC adaptor PNLV226.



Printed in Malaysia

PNQW4852ZA TT0416YK0

Battery charging

Handset

2 rechargeable Ni-MH batteries are installed in the handset at the time of shipment.
Before initial use: Remove the yellow insulation sheet before using the handset.

Charge for about 7 hours.

Note for handset:

- 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 (A).



Base unit

2 rechargeable Ni-MH batteries are installed in the base unit at the time of shipment. These batteries can be used to supply power to the base unit in the event of a power failure.

Before initial use: Remove the yellow insulation sheet before using the base unit.

Charge for about 15 hours.

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.

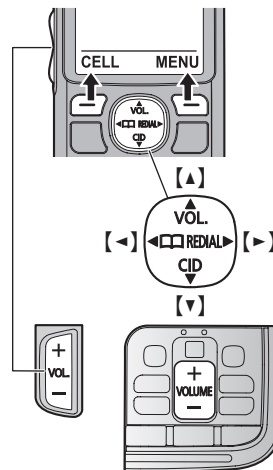
Navigator key

- [▲], [▼], [←], or [→]: Scroll through various lists and items.
- VOL. (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.

Volume key

Press [+] or [-] repeatedly when:

- adjusting the ringer volume.
- adjusting the receiver or speaker volume while talking.



Date and time (Handset)

- 1 **[MENU]** **[#]** **[1]** **[0]** **[1]**
- 2 Enter the current month, date, and year. → **[OK]**
- 3 Enter the current hour and minute (12-hour clock format).
- 4 **[☒]**: Select "AM" or "PM". → **[SAVE]** → **[OFF]**

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

You can record your own greeting message instead of using a pre-recorded greeting message.

- 1 **[MENU]** **[#]** **[3]** **[0]** **[2]** → **[+]**: "yes" → **[SELECT]**
- 2 After a beep sounds, hold the handset about 20 cm (8 inches) away and speak clearly into the microphone (2 minutes max.).
- 3 Press **[STOP]** to stop recording. → **[OFF]**

Accessibility

Tone control (Handset)

- 1 Press **[TONE]** on the side repeatedly to select the desired setting while talking.
- 2 To exit, press **[BACK]** or wait for a few seconds.

Tone control (Base unit)

- 1 Press and hold **[TONE]** for about 2 seconds while talking.
- 2 Press **[+]** or **[-]** repeatedly to select the desired setting.
- 3 To exit, press **[TONE]** or wait for about 5 seconds.

Turning on the volume booster (Handset)

WARNING:

- This feature is designed for users who are hard of hearing. If other users use the phone, be sure to turn this feature off.
- Do not use this feature unnecessarily. High volume emitted from the product may cause hearing damage.
- Pressing the **[BOOST]** key activates the volume booster feature. Use this key with care. At its loudest setting (volume and volume booster features set to their highest settings), the product can output sound at up to 40 dB. To prevent hearing damage, we recommend that you set this product to the lowest volume setting at which you can hear adequately.

- 1 Press **[BOOST]** while on a call.
 - The BOOST indicator lights in red.
- 2 Press **[+]** or **[-]** on the side repeatedly to select the desired volume.

Accessibility

Speech booster (making your voice louder) (Handset)

WARNING:

- The speech booster feature can be used to increase the volume of your voice heard by the other party. If this feature is used unnecessarily, your voice may be too loud. We recommend that you use this feature only if your voice is too quiet to be heard by the other party.

- 1 Press **[MENU]** while on a call.
- 2 **[↔]**: “Boost speech on” or “Boost speech off” → **[SELECT]**

Setting the talking keypad and phonebook (Handset/Base unit)

- 1 For handset: **[MENU][#][7][5][0]**
For base unit (using a handset): **[MENU][#][*][7][5][0]**
- 2 **[↔]**: Select the desired setting. → **[SAVE]** → **[OFF]**

Setting the message indicator (Handset/Base unit)

- 1 For handset: **[MENU][#][2][7][8]**
For base unit (using a handset): **[MENU][#][*][2][7][8]**
- 2 **[↔]**: Select the desired setting and press **[SELECT]**.
- 3 **[SAVE]** → **[OFF]**

Slow talk (Handset)

To activate this feature or change the current setting, press **[SLOW]** repeatedly.

Slow talk (Base unit)

To activate this feature or change the current setting, press **[SLOW TALK]** repeatedly.

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://shop.panasonic.com/bluetooth-phone>

- 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.



- A** Cell line
- B** Cell phone service providers

Trademarks

- The Bluetooth® word mark and logos are registered trademarks owned by Bluetooth SIG, Inc., and any use of such marks by Panasonic Corporation is under license.
- All other trademarks identified herein are the property of their respective owners.

Link to cell




Pairing a Bluetooth cellular phone

- 1 Base unit:**
Press and hold **[CELL 1]** or **[CELL 2]** for about 5 seconds.
- 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 prompts you to confirm the passkey, tap **[OK]** or otherwise to accept the pairing request.
- 3 Base unit:**
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.
- Note:**
- Make sure that your cellular phone is set to connect to this product automatically. Refer to your cellular phone's operating instructions.

Base unit: CELL indicators

Status	Meaning
On	A cellular phone is connected. Ready to make/receive cellular calls.
Flashing	<ul style="list-style-type: none"> – 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	<ul style="list-style-type: none"> – 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

	<p>A cellular line is in use.*¹</p> <ul style="list-style-type: none"> • When flashing: The cellular call is put on hold. • When flashing rapidly: A cellular call is being received. <p>*¹ Corresponding lines (1, 2: cellular line) are indicated next to the item.</p>
	<p>1, 2: A cellular phone is connected.*¹ Ready to make/receive cellular calls. H: Bluetooth headset is connected.*¹ Ready to make/receive landline calls with your headset.</p> <ul style="list-style-type: none"> • When 1, 2, or H are not displayed: A cellular phone (1, 2) or Bluetooth headset (H) is not connected to the base unit. <p>*¹ Corresponding lines (1, 2: cellular line, H: Bluetooth headset) are indicated next to the item.</p>
	<ul style="list-style-type: none"> – A cellular call is in progress on that line. – The cellular line is selected for the setting.

Link to cell

Connecting/disconnecting the cellular phone (Handset)

Auto connection to the Bluetooth devices (cellular phones)

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 3 Bluetooth devices (2 cellular phones and 1 headset) are paired to the base unit, only 2 Bluetooth devices can be used with the unit at the same time, and the base unit loses its connection from other Bluetooth devices. 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]**

- A long beep sounds.

2 [OFF]

Cellular line only mode (If you do not use the landline) (Handset)

If you do not use the landline, we recommend setting the unit to the cellular line only mode. The default setting is "Off".

- If you turn on the "Cell line only mode", disconnect the telephone line cord from the base unit. Otherwise the "Cell line only mode" cannot be activated.

1 **[MENU]** **[#]** **[1]** **[5]** **[7]**

2 To turn on:

[↕]: "On" → **[SELECT]** → **[↕]**: "Yes" → **[SELECT]**

To turn off:

[↕]: "Off" → **[SELECT]**

Basic operations	
Making/Answering calls (Handset)	
Making cellular calls	1 Dial the phone number. → [CELL] <ul style="list-style-type: none"> • When the cellular line only mode is set, you can also press [TALK]/[☎] instead of [CELL]. • When only 1 cellular phone is paired, the unit starts dialing. 2 When 2 cellular phones are paired: [↕] : Select the desired cellular phone. → [SELECT]
Making landline calls	Dial the phone number. → [TALK]/[☎]
Answering calls	[TALK]/[☎]
To hang up	[OFF]
To adjust the receiver/speaker volume	Press [+] or [-] on the side repeatedly while talking.
Making a call using the redial list	1 [▶] REDIAL → [↕] : Select the desired entry. 2 To make a cellular call: When only 1 cellular phone is paired: [CELL] or When 2 cellular phones are paired: [CELL] → [↕] : Select the desired cellular phone. → [SELECT] To make a landline call: [TALK]
To adjust the ringer volume (cellular line/landline)	Press [+] or [-] on the side repeatedly to select the desired volume while ringing.
Answering calls (Base unit)	
Answering calls	[☎]
To hang up	[☎]
To adjust the speaker volume	Press [+] or [-] repeatedly while talking.
To adjust the ringer volume (cellular line/landline)	Press [+] or [-] repeatedly to select the desired volume while ringing.

Basic operations	
Phonebook (Handset)	
Adding entries	<ol style="list-style-type: none"> 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] <ul style="list-style-type: none"> • In step 3, you can switch the language for entering characters. # → [↕]: Select the desired language. → [OK]
Making calls	<ol style="list-style-type: none"> 1 [←] □ → [↕]: Select the desired entry. 2 To make a cellular call: When only 1 cellular phone is paired: [CELL] or When 2 cellular phones are paired: [CELL] → [↕]: Select the desired cellular phone. → [SELECT] To make a landline call: [TALK]
Memory dial (Base unit)	
Adding phone numbers using a handset	<ol style="list-style-type: none"> 1 Press and hold the desired memory dial key ([1] to [3]) on the handset. → [ADD] 2 [↕]: "Manual" → [SELECT] <ul style="list-style-type: none"> • If you select "Phonebook", you can add phone numbers from the phonebook. In this case, follow the directions on the display. <ol style="list-style-type: none"> 3 Enter the party's name (16 characters max.). → [OK] 4 Enter the party's phone number (24 digits max.). → [OK] → [SELECT] → [OFF] <ul style="list-style-type: none"> • The phone number is assigned to the corresponding memory dial key on the handset ([1], [2], or [3]) and base unit ([M1], [M2], or [M3]).
Making calls	<p>To make a cellular call:</p> <ol style="list-style-type: none"> 1 Press [CELL 1] or [CELL 2]. 2 Press the desired memory dial key ([M1] to [M3]). <p>To make a landline call: Press and hold the desired memory dial key ([M1] to [M3]).</p>
Answering system for the landline (Base unit)	
Answering on/off	Press [ANSWER ON/OFF] to turn on/off the answering system.
Listening to messages	[▶■] (PLAY)

Basic operations	
Answering system for the landline (Handset)	
Listening to messages	To listen to new messages: {PLAY} or {MENU}[#][3][2][3] To listen to all messages: {MENU}[#][3][2][4]
Using Bluetooth devices	
Copying phonebook entries from a Bluetooth cellular phone (phonebook transfer)	
<p>You can copy phonebook entries from the paired cellular phones or other cellular phones (not paired) to the unit's phonebook.</p> <p>1 Handset: {MENU}[#][6][1][8]</p> <p>2 Handset: To copy from paired cellular phones: [↕]: Select the desired cellular phone. → {SELECT} • Copied items are stored to the group ("Cell 1" or "Cell 2") which the cellular phone is paired to.</p> <p>To copy from other cellular phones (not paired): [↕]: "Other cell" → {SELECT} → [↕]: Select the group you want to copy to. → {SELECT}</p> <p>3 Handset: When "Use the cell to transfer phone book" 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.</p> <p>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 prompts you to confirm the passkey, tap {OK} or otherwise to accept the pairing request. • The entries being copied are displayed on the handset.</p> <p>5 Handset: Wait until "Completed" is displayed. → {OFF}</p>	

Using Bluetooth devices

Using a Bluetooth headset (optional)

By pairing a Bluetooth headset to the base unit, you can enjoy hands-free conversations when talking on landline calls.

- Only 2 Bluetooth devices can be used with the unit at the same time (for example, 2 cellular lines, or the headset and 1 cellular line*1).

*1 You cannot use a Bluetooth headset to talk on a cellular line.

Pairing a Bluetooth headset to the base unit

1 Bluetooth headset:

- Set your headset to pairing mode.
- Refer to your headset's operating instructions.

2 Handset:

[MENU] #6 2 1



A Pair using the handset.

B Pairing

3 If your headset's PIN is "0000", go to step 4.

If your headset's PIN is not "0000", press [CLEAR], then enter your headset's PIN.

- Typically, the default PIN is "0000". Refer to the headset's operating instructions.

4 Press [OK], then wait until a long beep sounds. → [OFF]

- When the Bluetooth headset is ready for use:
 - \mathcal{H} is displayed on the handset (H: Bluetooth headset),
 - the CELL 2/HEADSET indicator on the base unit lights up.

Operating a Bluetooth headset using a landline (Base unit)

Refer to your headset's operating instructions for details.

■ Making landline calls with your headset

- 1 Press your headset's button referring to your headset's operating instructions.
- 2 Press the desired memory dial key ([M1] to [M3]).
- 3 When you finish talking, press your headset's button referring to your headset's operating instructions.
 - If you cannot hang up the call using your headset, press [END] on the base unit 2 times.

■ Answering landline calls with your headset

To answer a landline call, press your headset's button referring to your headset's operating instructions.

When you finish talking, press your headset's button referring to your headset's operating instructions.

■ 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:

Turn on the headset referring to your headset's operating instructions.

To switch to the base unit:

Press [END] on the base unit.

Frequently asked questions	
Question	Cause/solution
Why is  displayed?	<ul style="list-style-type: none"> 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. <ol style="list-style-type: none"> Handset: [MENU]]#[1][3][0] Base unit: Press and hold [LOCATOR/INTERCOM] for about 5 seconds. Handset: Press [OK], then wait until a long beep sounds.
Why am I unable to pair a cellular phone to the base unit?	<ul style="list-style-type: none"> 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://shop.panasonic.com/bluetooth-phone 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)	<ul style="list-style-type: none"> Make sure that the CELL indicator lights up on the base unit and  is displayed on the handset. The cellular phone has not been paired to the base unit. Pair the cellular phone.
How can I increase the handset volume level?	<ul style="list-style-type: none"> Press the volume key [+] on the side of the handset repeatedly while on a call. If the BOOST indicator is not lit, turn on the volume booster feature by pressing [BOOST] while on a call. Note that volume will be drastically increased.
How can I decrease the handset volume level?	<ul style="list-style-type: none"> Press the volume key [-] on the side of the handset repeatedly while on a call. If the BOOST indicator is lit, turn off the volume booster feature by pressing [BOOST] while on a call.
Why is the conversation noisy or cutting off?	<ul style="list-style-type: none"> 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://shop.panasonic.com/support
Can I add another accessory handset to my base unit?	<ul style="list-style-type: none"> Yes, you can add up to 6 handsets (including the handset(s) sold with your base unit) to a single base unit. To purchase additional accessory handset(s)^{*1}, please visit: http://shop.panasonic.com/support <p>TTY users (hearing or speech impaired users) can call 1-877-833-8855.</p> <p>^{*1} KX-TGMA44: Maximum receiver volume is 40 dB. KX-TGMA45: Maximum receiver volume is 50 dB.</p>
Can I keep the batteries charging all the time?	<ul style="list-style-type: none"> You can leave the handset on the base unit or charger anytime. This will not harm the batteries.
How can I answer a call waiting call (2nd call)?	<ul style="list-style-type: none"> Press [FLASH] on the handset or [FLASH/CALL WAIT] on the base unit when you hear the call waiting tone.

