

Panasonic®

Operating Instructions

Link-to-Cell Cellular Convergence Solution

Model No. **KX-TG7731**

KX-TG7732

KX-TG7733

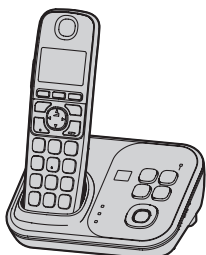
KX-TG254SK

KX-TG7741

KX-TG7742

KX-TG7743

KX-TG7745



DECT
6.0
Bluetooth®

Model shown is KX-TG7731.

*Before initial use, see “Getting Started”
on page 11.*

Thank you for purchasing a Panasonic product.

Please read these operating instructions before using the unit and save them for future reference.

Consulte “Guía Rápida Española”, página 73.

For assistance, visit our Web site: <http://www.panasonic.com/help> for customers in the U.S.A. or Puerto Rico.

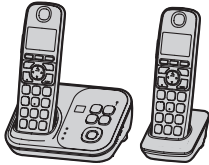
Please register your product: <http://www.panasonic.com/prodreg>

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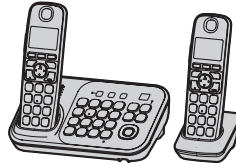
Model composition

■ KX-TG7731 series



- Model shown is KX-TG7732.


■ KX-TG7741 series



- Model shown is KX-TG7742.

Series	Model No.	Base unit	Handset	Quantity
		Part No.	Part No.	
KX-TG7731 series	KX-TG7731	KX-TG7731	KX-TGA470	1
	KX-TG7732	KX-TG7731	KX-TGA470	2
	KX-TG7733	KX-TG7731	KX-TGA470	3
	KX-TG254SK	KX-TG7731	KX-TGA470	4
KX-TG7741 series	KX-TG7741	KX-TG7741	KX-TGA470	1
	KX-TG7742	KX-TG7741	KX-TGA470	2
	KX-TG7743	KX-TG7741	KX-TGA470	3
	KX-TG7745	KX-TG7741	KX-TGA470	5

Feature differences

Series	Base unit keypad/sp-phone	Intercom*1
		 *2
KX-TG7731 series	–	–
KX-TG7741 series	●	●

*1 Single handset models: Intercom calls can be made between handsets by purchasing and registering one or more optional handsets (page 5).

*2 Intercom calls can be made between the base unit and handset.

Introduction

Accessory information

Supplied accessories

No.	Supplied handset qty.	1 unit*1	2 unit*2	3 unit*3	4 unit*4	5 unit*5
	Accessory item/ Order number	Accessory quantity				
①	AC adaptor/PNLV226Z	1	2	3	4	5
②	Telephone line cord/ PQJA10075Z	1	1	1	1	1
③	Wall mounting adaptor/ PNKL1001Z1	1	1	1	1	1
④	Rechargeable batteries/ HHR-4DPA	2	4	6	8	10
⑤	Handset cover*6/ PNYNTGA470BR	1	2	3	4	5
⑥	Belt clip/PNKE1132Z1	1	2	3	4	5
⑦	Charger/PNLC1029ZS	–	1	2	3	4

*1 KX-TG7731/KX-TG7741

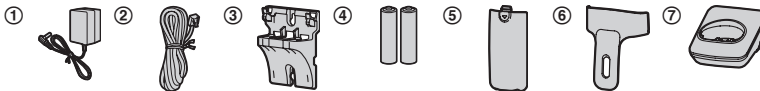
*2 KX-TG7732/KX-TG7742

*3 KX-TG7733/KX-TG7743

*4 KX-TG254SK

*5 KX-TG7745

*6 The handset cover comes attached to the handset.



Additional/replacement accessories

Please contact your nearest Panasonic dealer for sales information (page 82).


Accessory item	Order number
Rechargeable batteries	HHR-4DPA*1 ● To order, please call 1-800-332-5368 or visit http://www.panasonic.com/batterystore
	Battery type: – Nickel metal hydride (Ni-MH) – 2 x AAA (R03) size for each handset
Headset	KX-TCA60, KX-TCA93, KX-TCA400, KX-TCA430
T-adaptor	KX-J66
Range extender	KX-TGA405*2

*1 Replacement batteries may have a different capacity from that of the supplied batteries.

*2 By installing this unit, you can extend the range of your phone system to include areas where reception was previously not available. This product can be purchased online. Please visit our Web site:
<http://www.panasonic.com/RangeExtender>

Expanding your phone system



Optional handset feature overview

Handset (optional): KX-TGA470	
<p>You can expand your phone system by registering optional handsets (6 max.) to a single base unit.</p> <ul style="list-style-type: none">● Optional handsets may be a different color from that of the supplied handsets.	

Introduction

Bluetooth® devices

You can expand your phone system by registering the following units to a single base unit.

Your Bluetooth cellular phone*1: 2 max. (for cellular calls: page 18)	
Your Bluetooth headset*1: 1 max. (for a wireless hands-free conversation: page 47)	

*1 Your cellular phone and headset must be Bluetooth wireless technology compatible. For more details and the list of compatible cellular phones, please visit our Web site:
<http://www.panasonic.com/link2cell>

Important Information

For your safety

To prevent severe injury and loss of life/property, read this section carefully before using the product to ensure proper and safe operation of your product.

WARNING

Power connection

- Use only the power source marked on the product.
- Do not overload power outlets and extension cords. This can result in the risk of fire or electric shock.
- Completely insert the AC adaptor/power plug into the power outlet. Failure to do so may cause electric shock and/or excessive heat resulting in a fire.
- Regularly remove any dust, etc. from the AC adaptor/power plug by pulling it from the power outlet, then wiping with a dry cloth. Accumulated dust may cause an insulation defect from moisture, etc. resulting in a fire.
- Unplug the product from power outlets if it emits smoke, an abnormal smell, or makes an unusual noise. These conditions can cause fire or electric shock. Confirm that smoke has stopped emitting and contact the Panasonic Call Center at 1-800-211-PANA (1-800-211-7262).
- Unplug from power outlets and never touch the inside of the product if its casing has been broken open.
- Never touch the plug with wet hands. Danger of electric shock exists.

Installation

- To prevent the risk of fire or electrical shock, do not expose the product to rain or any type of moisture.
- Do not place or use this product near automatically controlled devices such as automatic doors and fire alarms. Radio waves emitted from this product may cause such devices to malfunction resulting in an accident.

- Do not allow the AC adaptor or telephone line cord to be excessively pulled, bent or placed under heavy objects.

Operating safeguards

- Unplug the product from power outlets before cleaning. Do not use liquid or aerosol cleaners.
- Do not disassemble the product.
- Do not spill liquids (detergents, cleansers, etc.) onto the telephone line cord plug, or allow it to become wet at all. This may cause a fire. If the telephone line cord plug becomes wet, immediately pull it from the telephone wall jack, and do not use.

Medical

- Consult the manufacturer of any personal medical devices, such as pacemakers or hearing aids, to determine if they are adequately shielded from external RF (radio frequency) energy. (The product operates in the frequency range of 1.92 GHz to 1.93 GHz, and the RF transmission power is 115 mW (max.).)
- Do not use the product 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 equipment that could be sensitive to external RF energy.

CAUTION

Installation and location

- Never install telephone wiring during an electrical storm.
- Never install telephone line jacks in wet locations unless the jack is specifically designed for wet locations.
- Never touch uninsulated telephone wires or terminals unless the telephone line has been disconnected at the network interface.
- Use caution when installing or modifying telephone lines.
- The AC adaptor is used as the main disconnect device. Ensure that the AC outlet is installed near the product and is easily accessible.
- This product is unable to make calls when:

For assistance, please visit <http://www.panasonic.com/help>

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Important Information

- the handset batteries need recharging or have failed.
- there is a power failure.

Battery

- We recommend using the batteries noted on page 5. **USE ONLY rechargeable Ni-MH batteries AAA (R03) size.**
- Do not mix old and new batteries.
- Do not open or mutilate the batteries. Released electrolyte from the batteries is corrosive and may cause burns or injury to the eyes or skin. The electrolyte is toxic and may be harmful if swallowed.
- Exercise care when handling the batteries. Do not allow conductive materials such as rings, bracelets, or keys to touch the batteries, otherwise a short circuit may cause the batteries and/or the conductive material to overheat and cause burns.
- Charge the batteries provided with or identified for use with this product only, in accordance with the instructions and limitations specified in this manual.
- Only use a compatible base unit (or charger) to charge the batteries. Do not tamper with the base unit (or charger). Failure to follow these instructions may cause the batteries to swell or explode.

Attention:



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

Please call 1-800-8-BATTERY (1-800-822-8837) for information on how to recycle this battery.

Important safety instructions

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

1. Do not use this product near water for example, near a bathtub, washbowl, kitchen sink, or laundry tub, in a wet basement or near a swimming pool.
2. Avoid using a telephone (other than a cordless type) during an electrical storm. There may be a remote risk of electric shock from lightning.
3. Do not use the telephone to report a gas leak in the vicinity of the leak.
4. Use only the power cord and batteries indicated in this manual. Do not dispose of batteries in a fire. They may explode. Check with local codes for possible special disposal instructions.

SAVE THESE INSTRUCTIONS

For best performance

Base unit location/avoiding noise

The base unit and other compatible Panasonic units use radio waves to communicate with each other.

- For maximum coverage and noise-free communications, place your base unit:
 - at a convenient, high, and central location with no obstructions between the handset and base unit in an indoor environment.
 - away from electronic appliances such as TVs, radios, personal computers, wireless devices, or other phones.
 - facing away from radio frequency transmitters, such as external antennas of mobile phone cell stations. (Avoid putting the base unit on a bay window or near a window.)
- Coverage and voice quality depends on the local environmental conditions.

Important Information

- If the reception for a base unit location is not satisfactory, move the base unit to another location for better reception.

Environment

- Keep the product away from electrical noise generating devices, such as fluorescent lamps and motors.
- The product should be kept free from excessive smoke, dust, high temperature, and vibration.
- The product should not be exposed to direct sunlight.
- Do not place heavy objects on top of the product.
- When you leave the product unused for a long period of time, unplug the product from the power outlet.
- The product should be kept away from heat sources such as heaters, kitchen stoves, etc. It should not be placed in rooms where the temperature is less than 0 °C (32 °F) or greater than 40 °C (104 °F). Damp basements should also be avoided.
- The maximum calling distance may be shortened when the product is used in the following places: Near obstacles such as hills, tunnels, underground, near metal objects such as wire fences, etc.
- Operating the product near electrical appliances may cause interference. Move away from the electrical appliances.

Routine care

- **Wipe the outer surface of the product with a soft moist cloth.**
- Do not use benzine, thinner, or any abrasive powder.

Other information

CAUTION: Risk of explosion if battery is replaced by an incorrect type. Dispose of used batteries according to the instructions.

Notice for product disposal, transfer, or return

- This product can store your private/confidential information. To protect your privacy/confidentiality, we recommend that you erase information such as phonebook or caller list entries from the memory before you dispose of, transfer, or return the product.

Notice

- This product is designed for use in the United States of America. Sale or use of this product in other countries may violate local laws.
- Cet appareil 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 producto está diseñado para usarse en los Estados Unidos de América. La venta o el empleo de este producto en ciertos países puede constituir violación de la legislación local.
- 本產品專為美國使用而設。若在其他國家銷售或使用，可能會違反當地法例。
- この製品は、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。

ENERGY STAR

As an ENERGY STAR® Partner, Panasonic has determined that this product meets the ENERGY STAR guidelines for energy efficiency. ENERGY STAR is a U.S. registered mark.



For assistance, please visit <http://www.panasonic.com/help>

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Important Information

Specifications

- **Standard:**
DECT 6.0 (Digital Enhanced Cordless Telecommunications 6.0)
Bluetooth wireless technology 2.0
- **Frequency range:**
1.92 GHz to 1.93 GHz (DECT)
2.402 GHz to 2.48 GHz (Bluetooth)
- **RF transmission power:**
115 mW (max.)
- **Power source:**
120 V AC, 60 Hz
- **Power consumption:**
Base unit:
Standby: Approx. 1.2 W
Maximum: Approx. 4.5 W
Charger:
Standby: Approx. 0.1 W
Maximum: Approx. 2.0 W
- **Operating conditions:**
0 °C – 40 °C (32 °F – 104 °F), 20 % – 80 %
relative air humidity (dry)

Note:

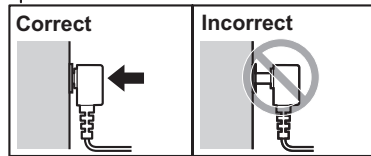
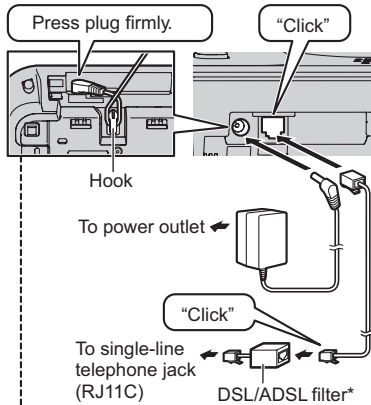
- Design and specifications are subject to change without notice.
- The illustrations in these instructions may vary slightly from the actual product.

Setting up

Connections

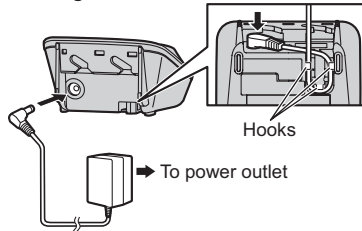
- Use only the supplied Panasonic AC adaptor PNLV226.
- If you do not connect the telephone line cord and use only cellular lines, set the cellular line only mode to use this unit more conveniently (page 20).

■ Base unit



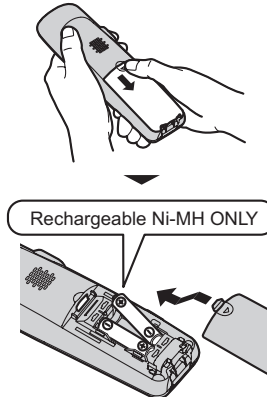
*DSL/ADSL filter (not supplied) is required if you have DSL/ADSL service.

■ Charger



Battery installation

- USE ONLY Ni-MH batteries AAA (R03) size.
- Do NOT use Alkaline/Manganese/Ni-Cd batteries.
- Confirm correct polarities (+, -).



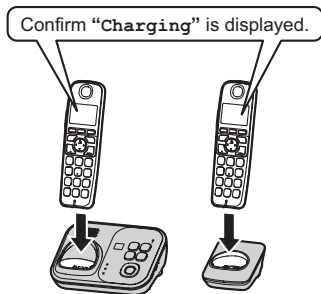
- When the date and time setting is displayed, see page 17.

Getting Started

Battery charging

Charge for about 7 hours.

- When the batteries are fully charged, "Fully charged" is displayed.



Note when setting up

Note for connections

- The AC adaptor must remain connected at all times. (It is normal for the adaptor to feel warm during use.)
- 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.

During a power failure

- The unit will not work during a power failure. We recommend connecting a corded-type telephone (without AC adaptor) to the same telephone line or to the same telephone line jack using a Panasonic T-adaptor (page 5).

Note for battery installation

- Use the supplied rechargeable batteries. For replacement, we recommend using the Panasonic rechargeable batteries noted on page 5, 8.
- Wipe the battery ends (+, -) with a dry cloth.

- Avoid touching the battery ends (+, -) or the unit contacts.

Note for battery charging

- It is normal for the handset to feel warm during charging.
- Clean the charge contacts of the handset, base unit, and charger with a soft and dry cloth once a month. Before cleaning the unit, disconnect from power outlets and any telephone line cords. Clean more often if the unit is exposed to grease, dust, or high humidity.

Battery level

Icon	Battery level
	High
	Medium
	Low
	Needs charging.
	Empty

Panasonic Ni-MH battery performance (supplied batteries)

Operation	Operating time
In continuous use	13 hours max.*1
Not in use (standby)	11 days max.*1

*1 If Eco mode is on.

Note:

- Actual battery performance depends on usage and ambient environment.
- Even after the batteries are fully charged, the handset can be left on the base unit or charger without any ill effect on the batteries.
- The battery level may not be displayed correctly after you replace the batteries. In this case, place the handset on the base unit or charger and let it charge for at least 7 hours.

Intelligent eco mode

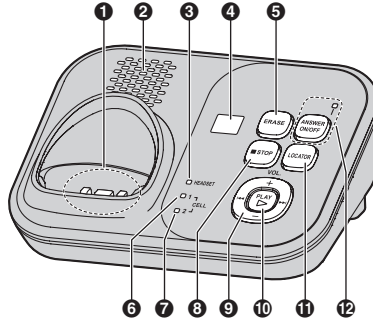
This feature automatically reduces handset power consumption by suppressing handset transmission power when the handset is close to the base unit.

- When this feature is activated, **ECO** is displayed. However, during a cellular call, **ECO** is not displayed even though this feature is activated.
- Eco mode is turned off when the clarity booster is activated (page 24).

Controls

Base unit

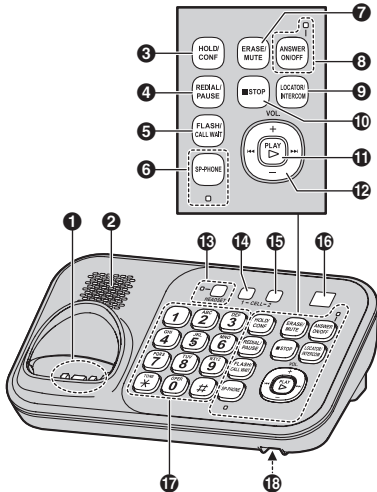
■ KX-TG7731 series (page 3)



- 1 Charge contacts
- 2 Speaker
- 3 HEADSET indicator
- 4 Message counter
- 5 [ERASE]
- 6 CELL 1 indicator
- 7 CELL 2 indicator
- 8 [■] (STOP)
- 9 [+]/[-] (VOL.: Volume up/down)
[<<]/[>>] (Repeat/Skip)
- 10 [▶] (PLAY)
Message indicator
- 11 [LOCATOR]
- 12 [ANSWER ON/OFF]
ANSWER ON/OFF indicator

Getting Started

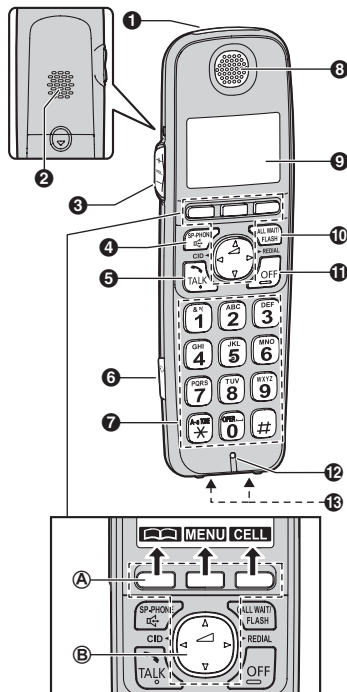
■ KX-TG7741 series (page 3)



- 1 Charge contacts
- 2 Speaker
- 3 [HOLD] [CONF] (Conference)
- 4 [REDIAL] [PAUSE]
- 5 [FLASH] [CALL WAIT]
- 6 [SP-PHONE] (Speakerphone)
SP-PHONE indicator
- 7 [ERASE] [MUTE]
- 8 [ANSWER ON/OFF]
- 9 [LOCATOR] [INTERCOM]
- 10 [■] (STOP)
- 11 [▶] (PLAY)
Message indicator
- 12 [⏪]/[⏩] (VOL.: Volume up/down)
[⏮]/[⏭] (Repeat/Skip)
- 13 [HEADSET]
- 14 HEADSET indicator
- 15 [CELL 1]
CELL 1 indicator

- 15 [CELL 2]
CELL 2 indicator
- 16 Message counter
- 17 Dial keypad (☎: TONE)
- 18 Microphone

Handset



- 1 Ringer indicator
Message indicator
- 2 Speaker
- 3 [⏪]/[⏩] (VOL.: Volume up/down)
- 4 [☎] (SP-PHONE: Speakerphone)
- 5 [📞] (TALK)
- 6 Headset jack

- 7 Dial keypad (☒): TONE
- 8 Receiver
- 9 Display
- 10 [CALL WAIT] [FLASH]
- 11 [OFF]
- 12 Microphone
- 13 Charge contacts

■ Control type

Ⓐ Soft keys

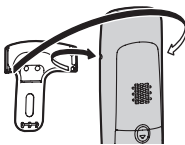
The handset features 3 soft keys. By pressing a soft key, you can select the feature shown directly above it on the display.

Ⓑ Navigator key

- [▲], [▼], [◀], or [▶]: Scroll through various lists and items.
- ◀ (Volume: [▲] or [▼]): Adjust the receiver or speaker volume while talking.
- [◀] CID (Caller ID): View the caller list.
- [▶] REDIAL: View the redial list.

Belt clip

■ To attach



■ To remove




Display/Indicators

Handset display items


Item	Meaning
	Within base unit range
	Out of base unit range
	The landline is in use. <ul style="list-style-type: none"> ● When flashing: The call is put on hold. ● When flashing rapidly: An incoming call is now being received.
	A cellular line is in use. <ul style="list-style-type: none"> ● When flashing: The cellular call is put on hold. ● When flashing rapidly: A cellular call is being received.
	A cellular phone is connected.*1 Ready to make/receive cellular calls. <ul style="list-style-type: none"> ● When turned off: A cellular phone is not connected to the base unit (page 20).
	<ul style="list-style-type: none"> - The cellular line is selected for the ringer setting. - A cellular call is being received on that line.
	Eco mode is on.*2 (page 13)
	Equalizer is set. (page 24)
	Speakerphone is on. (page 22)
	Ringer volume is off.*3 (page 35, 37)
	Silent mode is on. (page 40)
	Call sharing mode is off. (page 38)
	Alarm is on. (page 40)
	Handset number
	Battery level

Getting Started

Item	Meaning
	Blocked call (page 41)
BOOST	Clarity booster is on.*2 (page 24)
In use	Answering system is being used by another handset or the base unit.
Cell1 in use	Someone is using the cellular line.
Cell2 in use	
Line in use	Someone is using the landline.

- *1 Corresponding cellular line(s) is indicated next to the item.
- *2 During a cellular call, the item is not displayed even though the feature is activated.
- *3 Corresponding lines (1, 2: cellular line, L: landline) are indicated next to the item. If all lines are turned off, no line is indicated.

Base unit display item

Item	Meaning
	"Greeting only" is selected as the caller's recording time. In this case, the answering system answers calls with a greeting message and caller messages are not recorded. (page 53)

CELL 1/CELL 2 indicators on the base unit

The CELL 1/CELL 2 indicators show each cellular line status.

Status	Meaning
Green (On)	A cellular phone is connected. Ready to make/receive cellular calls.
Green (Flashing)	<ul style="list-style-type: none"> – The cellular line is in use. – Phonebook entries are being copied from a cellular phone (page 46).

Status	Meaning
Green (Flashing rapidly)	A cellular call is being received.
Amber (On)	A cellular phone is not connected to the base unit (page 20).
Amber (Flashing rapidly)	The base unit is searching for the registered cellular phone.
Red (Flashing)	<ul style="list-style-type: none"> – The base unit is registering a cellular phone. – A cellular call is put on hold.
Light off	A cellular phone is not registered to the base unit.

HEADSET indicator on the base unit

The HEADSET indicator shows the Bluetooth headset status.

Status	Meaning
Green (On)	A Bluetooth headset is connected to the base unit. Ready to use it.
Green (Flashing)	A Bluetooth headset is in use.
Green (Flashing rapidly)	A landline call is being received.
Amber (On)	The Bluetooth headset is not connected to the base unit.
Amber (Flashing rapidly)	The base unit is searching for the registered Bluetooth headset.
Red (Flashing)	<ul style="list-style-type: none"> – The base unit is registering a headset. – Mute is turned on.
Light off	A Bluetooth headset is not registered to the base unit.

Initial settings

■ Direct command code:

Programmable settings can be accessed by pressing **[MENU]**, **[#]** and then the corresponding code on the dial keypad (page 33).

Example: Press **[MENU][#][1][0][1]**.

■ Symbol meaning:

Symbol	Meaning
Example: [↕]: "O££"	Press [▼] or [▲] to select the words in quotations.

Date and time

Important:

- When you install the batteries for the first time, the handset may prompt you to set date and time. First press **[SELECT]**, then proceed to step 2.

- 1 **[MENU][#][1][0][1]**
- 2 Enter the current month, date, and year by selecting 2 digits for each.
Example: July 15, 2012
[0][7][1][5][1][2]
- 3 **[OK]**
- 4 Enter the current hour and minute (12-hour clock format) by selecting 2 digits for each.
Example: 9:30
[0][9][3][0]
- 5 **[AM/PM]:** Select "AM" or "PM".
- 6 **[SAVE] → [OFF]**

Note:

- When English is selected as the display language, 12-hour clock format is used. When Spanish is selected, 24-hour clock format is used.
- The date and time may be incorrect after a power failure. In this case, set the date and time again.

Display language

You can select either "English" or "Español" as the display language. The default setting is "English".

- 1 **[MENU][#][1][1][0]**
- 2 **[↕]:** Select the desired setting. → **[SAVE]**
- 3 **[OFF]**

Voice guidance language

You can select either "English" or "Español" as the voice guidance language of the answering system. The default setting is "English".

- 1 **[MENU][#][1][1][0]**
- 2 **[↕]:** Select the desired setting. → **[SAVE]**
- 3 **[OFF]**

Dialing mode

If you cannot make calls, change this setting according to your telephone line service. The default setting is "Tone".

"Tone": For tone dial service.

"Pulse": For rotary/pulse dial service.

- 1 **[MENU][#][1][2][0]**
- 2 **[↕]:** Select the desired setting.
- 3 **[SAVE] → [OFF]**

Link to Cell

Link to cell feature

To use this feature, you must first register and connect your cellular phones to the base unit (page 18).

Your cellular phones must be Bluetooth wireless technology compatible with this product.

This feature allows you to:

- make or answer cellular calls using your home phone (handset or base unit) with better reception.
- maximize the benefits of cellular services (such as free night and weekend calls, or cellular to cellular call plans) by utilizing unused peak minutes with your home phone.
- conserve the battery power of your cellular phone while the unit is on a cellular call. (We recommend charging your cellular phone during the cellular call as your cellular phone battery is being consumed.)

Important:

- Up to 2 cellular phones can be registered. However, only one Bluetooth device (cellular phone or headset) can be connected to the base unit at a time.
- 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.

Trademarks

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Registering a cellular phone

Important:

- For more details and the list of compatible cellular phones, please visit our Web site:

<http://www.panasonic.com/link2cell>

- Before registering a Bluetooth enabled cellular phone to the base unit:
 - we recommend you change the PIN (page 21).
 - make sure that no Bluetooth device such as a Bluetooth headset is connected to your cellular phone.

1 Handset:

[MENU]

For CELL 1: **#6241**

For CELL 2: **#6242**

- After the CELL 1 or CELL 2 indicator on the base unit starts flashing red, the rest of the procedure must be completed within 5 minutes.

2 Your cellular phone:

While the CELL 1 or CELL 2 indicator is flashing red, follow the instructions of your cellular phone to enter the registration mode.

- Depending on your cellular phone, it may ask you to enter the base unit PIN (default: "0000").

3 Handset:

Wait until a long beep sounds.

- It may take more than 10 seconds to complete registration.
- When the CELL 1 or CELL 2 indicator lights green, the cellular phone is connected to the base unit. You are ready to make cellular calls.

- 4 To select which unit receives calls for the cellular line, press **[OK]** then continue from step 3, "Selecting which unit receives cellular calls", page 19.

- If not required, go to step 5.

5 [OFF]

Note:

- Make sure that your cellular phone is set to connect to this product automatically. Refer to your cellular phone's operating instructions.
- Make sure you cancel your cellular phone's current registration if you want to register it to the other line (page 21).

Link to cell settings

Selecting which unit receives cellular calls

You can select which unit rings and receives calls for a cellular line. When “**a11**” is selected, all handsets and the base unit ring.

- 1 **[MENU]**
- 2 For CELL 1: **#6271**
For CELL 2: **#6272**
- 3 **[↕]**: Select the desired handset or “**a11**”.
- 4 **[SAVE] → [OFF]**

Note:

- When you select a specific handset to receive calls for a cellular line:
 - other handsets cannot answer the calls.
 - the base unit can answer the calls even though it does not ring. However, you can make the base unit ring by adjusting the base unit ringer volume (page 35). (KX-TG7741 series: page 3)
- When you change the setting to “**a11**”, the base unit ringer volume also returns to the lowest level even if the ringer volume has been changed.

Ring as cell mode

Once this feature is turned on, the handset and base unit ring using the same ringer tone as your cellular phone.

The following settings are available:

- “**off**”: Turn this feature off to use the ringer tones of the handset and base unit. Caller information is announced depending on the Talking Caller ID setting (page 37).
- “**On (with Talking CID)**” (default): The handset and base unit use your cellular phone’s ringer tone. Caller information is announced even if the Talking Caller ID is turned off.
- “**On (without Talking CID)**”: The handset and base unit use your cellular phone’s ringer tone. Caller information is not announced even if the Talking Caller ID is turned on.

Important:

- To use this feature, your cellular phone must support Bluetooth in-band ringtone. Refer to your cellular phone’s operating instructions.

- 1 **[MENU]**
- 2 For CELL 1: **#6141**
For CELL 2: **#6142**
- 3 **[↕]**: Select the desired setting.
- 4 **[SAVE] → [OFF]**

Note:

- The units use the preset ringer tones (page 37) instead of your cellular phone’s ringer tone when a cellular call is being received if:
 - your cellular phone is in silent mode (depending on your cellular phone).
 - the base unit is in use.
 - 2 handsets are sharing a landline call.
- If your cellular phone is in silent mode with “**On (with Talking CID)**” set, the unit announces caller information even when Talking Caller ID is turned off (page 37).

To use the handset ringer tone instead of your cellular phone’s ringer tone

Select “**off**” in step 3, “Ring as cell mode”, page 19.

To change the handset ringer tone for a cellular line, see page 35.

Auto connection to the cellular phone

After registration, your cellular phone is connected to the base unit. If you move the cellular phone out of base unit range, the cellular phone is disconnected from the base unit. This feature allows the base unit to try to reconnect the cellular phone at regular intervals when it returns within base unit range. You can set the interval. The default setting is “**1 min**”.

Link to Cell

Important:

- 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 cellular phones, leave the auto connection on.
- Some cellular phones lose connection after usage, please check the specification of your cellular phone for more details.

1 [MENU] [#] 6 3 2

2 [↕]: Select the desired setting.

3 [SAVE] → [OFF]

Note:

- Some cellular phone may ask you if you accept the connection requirement from the base unit. In that case, select “on” in step 2. Check the specification of your cellular phone.

Connecting/disconnecting the cellular phone manually

When you make or answer calls with your cellular phone, we recommend disconnecting it from the base unit, otherwise received audio may not be heard on your cellular phone. You can also manually reconnect the cellular phone to the base unit without waiting for the auto connection feature to resume the connection.

1 [MENU]

2 To connect/disconnect:

For CELL 1: [#] 6 2 5 1

For CELL 2: [#] 6 2 5 2

- A long beep sounds.

3 [OFF]

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

If you do not use the landline, we recommend setting the unit to the cellular line only mode.

1 [MENU] [#] 1 5 7

2 To turn on:

[↕]: “on” → [SELECT] →

[↕]: “yes” → [SELECT]

To turn off:

[↕]: “off” → [SELECT]

Note:

- Once you set this mode, you can use the following buttons to make cellular calls:
 - for the handset, press [↶] or [↷] instead of [CELL] (page 22).
 - for the base unit, press [SP-PHONE] instead of the line button ([CELL 1] or [CELL 2]) set for the cellular line selection (page 20, 27). (KX-TG7741 series: page 3)
- Once you set this mode, the following features cannot be used:
 - Landline features (page 38)
 - Answering system (page 49) Messages cannot be received.
 - Voice mail features (page 55)
- After this mode is turned on or off, the base unit reboots.
 - Bluetooth connections from cellular phones or headset are disconnected. If the auto connection is turned on (page 19), the cellular phones are reconnected.
 - ☒ will be displayed on the handset momentarily. The handset can be used once ☒ is displayed.

When you use the landline again

Before connecting the telephone line to the base unit, select “off” in step 2, “Cellular line only mode (If you do not use the landline)”, page 20.

Cellular line selection

This feature determines which cellular line is selected to make cellular calls when:

- you press [CELL] on the handset.
- you press [↶] or [↷] on the handset while the cellular line only mode is turned on.
- you press [SP-PHONE] on the base unit while the cellular line only mode is turned on. (KX-TG7741 series: page 3)

The following settings are available:

- "Manual" (handset only: default): You can select the desired cellular line when making a call.
- "Cellular phone 1" (base unit default): CELL 1 is selected.
- "Cellular phone 2": CELL 2 is selected.

1 [MENU]

2 For handset: **[#][6][3][4]**

For base unit*1: **[#][*][6][3][4]**

3 [↕]: Select the desired setting.

4 [SAVE] → [OFF]

*1 KX-TG7741 series: page 3

Storing your area code (for dialing only a 7-digit phone number to make a local call)

You need to add your area code when making cellular calls to a phone number in your area. Once you store your area code, it is automatically added to the beginning of the 7-digit phone number when making cellular calls.

1 [MENU][#][6][3][3]

2 Enter the 3-digit area code.

- To correct a digit, press **[CLEAR]**.

3 [SAVE] → [OFF]

Changing the Bluetooth PIN (Personal Identification Number)

The PIN is used to register cellular phones to the base unit. The default PIN is "0000". To prevent unauthorized access to this product, we recommend that you change the PIN, and keep it confidential.

Important:

- Please make note of your new PIN. The unit does not reveal the PIN to you. If you forget your PIN, see page 68.

1 [MENU][#][6][1][9]

2 Enter the new 4-digit PIN. → **[OK]**

3 Enter the new 4-digit PIN again. → **[SAVE]**

4 [OFF]

Changing the PIN for the second time



Follow step 1, "Changing the Bluetooth PIN (Personal Identification Number)", page 21. Enter the current 4-digit PIN, then continue from step 2.

Deregistering Bluetooth devices

A handset can cancel a registration of another Bluetooth devices (cellular phone or headset) that is stored to the base unit.

1 [MENU][#][1][3][4]

2 [↕]: Select the desired device. → **[SELECT]**

-  indicates a cellular phone, and  indicates a headset.

3 [↕]: "Yes" → **[SELECT]**

- When the cellular phone is deregistered, the CELL 1 or CELL 2 indicator is turned off.
- When the headset is deregistered, the HEADSET indicator is turned off.

4 [OFF]

Making/Answering Calls Using the Handset

Making cellular calls

Important:

- Only 1 cellular line can be used at a time.
- Before making calls, confirm that the CELL 1 or CELL 2 indicator lights green (page 16).

- 1 Lift the handset and dial the phone number.
 - To correct a digit, press **[CLEAR]**.
- 2 **[CELL]**
 - The unit starts dialing when:
 - only 1 cellular phone is registered.
 - a specific line is set to make cellular calls (page 20).Go to step 4.
- 3 **[↕]**: Select the desired cellular phone. → **[SELECT]**
- 4 When you finish talking, press **[OFF]** or place the handset on the base unit or charger.

Note:

- To switch to the speaker, press **[🔊]**.
- To switch back to the receiver, press **[🔊]/[📞]**.

Adjusting the receiver or speaker volume

Press **[+]** or **[-]** repeatedly while talking.

Note:

- There are 5 volume levels (1 to 5) for the receiver. When you change the receiver volume to level 5 (maximum level), the volume returns to level 4 (default) after you hang up.

Making a cellular call using the redial list

The last 5 phone numbers dialed are stored in the redial list (each 48 digits max.).

- 1 **[▶]** REDIAL
- 2 **[↕]**: Select the desired phone number.
- 3 **[CELL]**
 - The unit starts dialing when:
 - only 1 cellular phone is registered.

- a specific line is set to make cellular calls (page 20).

- 4 **[↕]**: Select the desired cellular phone. → **[SELECT]**

Erasing a number in the redial list

- 1 **[▶]** REDIAL
- 2 **[↕]**: Select the desired phone number. → **[ERASE]**
- 3 **[↕]**: “Yes” → **[SELECT]**
- 4 **[OFF]**

Making landline calls

- 1 Lift the handset and dial the phone number.
 - To correct a digit, press **[CLEAR]**.
- 2 **[📞]**
- 3 When you finish talking, press **[OFF]** or place the handset on the base unit or charger.

Using the speakerphone

- 1 Dial the phone number and press **[🔊]**.
 - Speak alternately with the other party.
- 2 When you finish talking, press **[OFF]**.

Note:

- For best performance, use the speakerphone in a quiet environment.
- To switch back to the receiver, press **[🔊]/[📞]**.

Making a call using the redial list

- 1 **[▶]** REDIAL
- 2 **[↕]**: Select the desired phone number.
- 3 **[📞]**

Pause (for PBX/long distance service users)

A pause is sometimes required when making calls using a PBX or long distance service.

Making/Answering Calls Using the Handset

When storing a calling card access number and/or PIN in the phonebook, a pause is also needed (page 32).

Example: If you need to dial the line access number "9" when making outside calls with a PBX:

- 1 **[9]** → **[PAUSE]**
- 2 Dial the phone number. → **[↶]**

Note:

- A 3.5 second pause is inserted each time **[PAUSE]** is pressed.

Answering calls

When a call is being received, the ringer indicator flashes rapidly.

- 1 Lift the handset and press **[↶]** or **[📞]** when the unit rings.
 - To answer a cellular call, you can also press **[CELL]**.
 - You can also answer the call by pressing any dial key from **[0]** to **[9]**, **[*]**, or **[#]**. (**Any key answer feature**)
- 2 When you finish talking, press **[OFF]** or place the handset on the base unit or charger.

Auto talk

You can answer calls simply by lifting the handset off the base unit or charger. You do not need to press **[↶]**. To turn this feature on, see page 38.

Adjusting the handset ringer volume

- **While the handset is ringing for an incoming call:**
Press **[+]** or **[-]** repeatedly to select the desired volume.
- **Programming the volume beforehand:**
 - 1 **To change the cellular line ringer volume:**
For CELL 1: **[MENU][#][6][2][8][1]**
For CELL 2: **[MENU][#][6][2][8][2]**
 - To change the landline ringer volume:**
[MENU][#][1][6][0]

- 2 **[+]**: Select the desired volume.
- 3 **[SAVE]** → **[OFF]**

Temporary handset ringer off

While the handset is ringing for a call, you can turn the ringer off temporarily by pressing **[⏏]**.

Useful features during a call

Hold

This feature allows you to put an outside call on hold.

- 1 Press **[MENU]** during an outside call.
 - 2 **[+]**: "Hold" → **[SELECT]**
 - 3 **To release hold on the cellular line:**
Press **[CELL]**.
 - Another handset user can take the call: **[CELL]¹** → **[SELECT]**
^{*1} The call is taken when:
 - only 1 cellular phone is registered.
 - the line is set to make cellular calls (page 20).
 - The base unit user can take the call by pressing **[CELL 1]** or **[CELL 2]**. (KX-TG7741 series: page 3)
- To release hold on the landline:**
Press **[↶]**.
 - Another handset user can take the call by pressing **[↶]**.
 - The base unit user can take the call by pressing **[SP-PHONE]**. (KX-TG7741 series: page 3)

Note:

- If a call is kept on hold for more than 9 minutes, an alarm tone starts to sound and the ringer indicator flashes rapidly. After 1 additional minute on hold, the call is disconnected.
- If another phone is connected to the same line, you can also take the call by lifting its handset.

Making/Answering Calls Using the Handset

Mute

While mute is turned on, you can hear the other party, but the other party cannot hear you.

- 1 Press **[MUTE]** during conversation.
 - **[MUTE]** flashes.
- 2 To return to the conversation, press **[MUTE]** again.

Note:

- **[MUTE]** is a soft key visible on the handset display during a call.

Flash for landline calls

[FLASH] allows you to use the special features of your host PBX such as transferring an extension call, or accessing optional telephone services.

Note:

- To change the flash time, see page 38.

For call waiting or Call Waiting Caller ID service users

To use call waiting or Call Waiting Caller ID, you must first subscribe with your service provider/telephone company.

This feature allows you to receive calls while you are already talking on the phone. If you receive a call while on the phone, you will hear a call waiting tone.

If you subscribe to both **Caller ID** and **Call Waiting with Caller ID services**, the 2nd caller's information is displayed after you hear the call waiting tone on the handset.

- 1 Press **[CALL WAIT]** to answer the 2nd call.
- 2 To switch between calls, press **[CALL WAIT]**.

Note:

- Please contact your service provider/telephone company for details and availability of this service in your area.

Temporary tone dialing for landline calls (for rotary/pulse service users)

You can temporarily switch the dialing mode to tone when you need to access touch-tone services (for example, answering services, telephone banking services, etc.). Press **[TONE]** before entering access numbers which require tone dialing.

Handset clarity booster

This feature can improve sound clarity when the handset is used in an area where there may be interference. During an outside call, this feature is turned on automatically when necessary.

- When this feature is turned on, **BOOST** is displayed. However, during a cellular call, **BOOST** is not displayed even though the feature is activated.

Handset equalizer

This feature clarifies the voice of the person you are talking to, producing a more natural-sounding voice that is easier to hear and understand.

- 1 Press **[MENU]** while talking.
- 2 **[↕]**: "Equalizer" → **[SELECT]**
- 3 **[↕]**: Select the desired setting.
- 4 Press **[OK]** to exit.

Note:

- When this feature is activated, **EQ** is displayed while talking.
- Depending on the condition and quality of your telephone line, this feature may emphasize existing line noise. If it becomes difficult to hear, turn this feature off.
- This feature is not available while using the speakerphone.

Call share

You can join an existing outside call.

Making/Answering Calls Using the Handset

■ While another unit is on a cellular call:

- 1 To join the conversation, press **[CELL]**.
 - You can join the conversation when:
 - only 1 cellular phone is registered.
 - the line is set to make cellular calls (page 20).
- 2 **[⇅]**: Select the desired cellular phone. → **[SELECT]**

■ While another unit is on a landline call:

To join the conversation, press **[📞]**.

Note:

- A maximum of 3 parties (including 1 outside party) can join a conversation using 2 extensions. (**3-way conference**)
- To prevent other users from joining your conversations with outside callers, turn call sharing mode off (page 38).

Transferring a cellular call between the handset and a cellular phone

Transferring a cellular call from the handset to a cellular phone

- 1 Press **[MENU]** during a cellular call.
- 2 **[⇅]**: "Transfer to cell" → **[SELECT]**
 - The cellular call is transferred to the cellular phone.

Note:

- Depending on your cellular phone type, you may need to set the cellular phone ready to talk before transferring. For example, if your cellular phone has a top cover, open it beforehand.

Transferring a cellular call from a cellular phone to the handset

During a conversation using a cellular phone, the call cannot be transferred to the handset by the cellular phone. Perform the following with the handset.

- 1 During a conversation using a cellular phone, press **[CELL]**.
 - The call is transferred to the handset when:
 - only 1 cellular phone is registered.
 - the line is set to make cellular calls (page 20).
- 2 **[⇅]**: Select the desired cellular phone. → **[SELECT]**
 - The call is transferred to the handset.

Using the other line during a conversation

You can handle a cellular call and a landline call at the same time. When another call is being received during a conversation, the interrupt tone sounds (page 37), and the 2nd caller's information is displayed if you subscribe to Caller ID (page 43). You can answer the 2nd call while holding the 1st call.

Making/answering a cellular call during a conversation on the landline

- 1 Press **[MENU]** during a landline call.
- 2 **[⇅]**: "Hold" → **[SELECT]**
- 3 **To make a 2nd call:**
Dial the phone number. → **[CELL]*1** → **[⇅]**: Select the desired cellular phone. → **[SELECT]**

- *1 The unit starts dialing when:
- only 1 cellular phone is registered.
 - a specific line is set to make cellular calls (page 20).

To answer a 2nd call:

- [CELL]**
- To hold the 2nd call: **[MENU]** → **[⇅]**: "Hold" → **[SELECT]**
- 4 To hang up the 2nd call and return to the 1st call (landline call), press **[OFF]**, then press **[📞]**.

Making/answering a landline call during a conversation on a cellular line

- 1 Press **[MENU]** during a cellular call.

Making/Answering Calls Using the Handset

- 2 **[⇅]:** "Hold" → **[SELECT]**
- 3 **To make a 2nd call:**
Dial the phone number. → **[📞]**
To answer a 2nd call:
[📞]
 - To hold the 2nd call: **[MENU]** → **[⇅]:**
"Hold" → **[SELECT]**
- 4 To hang up the 2nd call and return to the 1st call (cellular call), press **[OFF]**, then press **[CELL]**.

Making/Answering Calls Using the Base Unit

Making cellular calls

Available for:
KX-TG7741 series (page 3)

- 1 Press **[CELL 1]** or **[CELL 2]**.
- 2 Dial the phone number.
- 3 When the other party answers, speak into the microphone.
 - Speak alternately with the other party.
- 4 When you finish talking, press **[SP-PHONE]**.

Note:

- For best performance, use the speakerphone in a quiet environment.
- While on a call, you can switch from the base unit to the handset:
With the call sharing mode on (page 29), press **[CELL]** on the handset. → **[↕]**: Select the desired cellular phone. → **[SELECT]** → Press **[SP-PHONE]** on the base unit.
 - When only 1 cellular phone is registered or the line is set to make cellular calls (page 20), press **[CELL]** on the handset, then press **[SP-PHONE]** on the base unit.If the handset is on the base unit, simply lift it.

Adjusting the speaker volume

Press **[+]** or **[-]** repeatedly while talking.

Redialing the last number dialed

- 1 Press **[CELL 1]** or **[CELL 2]**.
- 2 **[REDIAL]**

Making landline calls

- 1 **[SP-PHONE]**
- 2 Dial the phone number.
- 3 When the other party answers, speak into the microphone.

- 4 When you finish talking, press **[SP-PHONE]**.

Note:

- While on a call, you can switch from the base unit to the handset:
Press **[↶]** on the handset, then press **[SP-PHONE]** on the base unit with the call sharing mode on (page 29).
If the handset is on the base unit, simply lift it.

Redialing the last number dialed

[SP-PHONE] → **[REDIAL]**

Pause (for PBX/long distance service users)

A pause is sometimes required when making calls using a PBX or long distance service. When storing a calling card access number and/or PIN in the phonebook, a pause is also needed (page 32).

Example: If you need to dial the line access number "9" when making outside calls with a PBX:

- 1 **[SP-PHONE]**
- 2 **[9]** → **[PAUSE]**
- 3 Dial the phone number.

Note:

- A 3.5 second pause is inserted each time **[PAUSE]** is pressed.

Answering calls

When a call is being received, the SP-PHONE indicator flashes rapidly.

When a cellular call is being received, the CELL 1 or CELL 2 indicator and SP-PHONE indicator flash rapidly.

- 1 Press **[SP-PHONE]** when the unit rings.
 - You can also answer the cellular call by pressing **[CELL 1]** or **[CELL 2]**.
- 2 Speak into the microphone.
- 3 When you finish talking, press **[SP-PHONE]**.

Making/Answering Calls Using the Base Unit

Adjusting the base unit ringer volume

■ While the base unit is ringing for an incoming call:

Press **[+]** or **[-]** repeatedly to select the desired volume.

- To turn the ringer off, press and hold **[-]** until the unit beeps.

■ Programming the volume beforehand:

1 To change the cellular line ringer volume:

For CELL 1: **[MENU][#][*][6][2][8][1]**

For CELL 2: **[MENU][#][*][6][2][8][2]**

To change the landline ringer volume:

[MENU][#][*][1][6][0]

- 2 **[↕]**: Select the desired volume.
- 3 **[SAVE] → [OFF]**

Useful features during a call

Hold

This feature allows you to put an outside call on hold.

- 1 Press **[HOLD]** during an outside call.
- 2 **To release hold on the cellular line:**
Press **[CELL 1]** or **[CELL 2]**.
 - A handset user can take the call:
[CELL]^{*1} → [SELECT]
 - ^{*1} The call is taken when:
 - only 1 cellular phone is registered.
 - the line is set to make cellular calls (page 20).

To release hold on the landline:

Press **[SP-PHONE]**.

- A handset user can take the landline call by pressing **[↶]**.

Note:

- While a cellular line is on hold, the CELL 1 or CELL 2 indicator flashes red. While a landline call is on hold, the SP-PHONE indicator flashes.

- If a call is kept on hold for more than 9 minutes, an alarm tone starts to sound. After 1 additional minute on hold, the call is disconnected.
- If another phone is connected to the same line, you can also take the call by lifting its handset.

Mute

While mute is turned on, you can hear the other party, but the other party cannot hear you.

- 1 Press **[MUTE]** during conversation.
 - The SP-PHONE indicator on the base unit flashes.
- 2 To return to the conversation, press **[MUTE]** again.

Flash for landline calls

[FLASH] allows you to use the special features of your host PBX such as transferring an extension call, or accessing optional telephone services.

Note:

- To change the flash time, see page 38.

For call waiting service users

To use call waiting, you must first subscribe with your service provider/telephone company. This feature allows you to receive calls while you are already talking on the phone. If you receive a call while on the phone, you will hear a call waiting tone.

- 1 Press **[CALL WAIT]** to answer the 2nd call.
- 2 To switch between calls, press **[CALL WAIT]**.

Note:

- Please contact your service provider/telephone company for details and availability of this service in your area.

Making/Answering Calls Using the Base Unit

Temporary tone dialing for landline calls (for rotary/pulse service users)

You can temporarily switch the dialing mode to tone when you need to access touch-tone services (for example, answering services, telephone banking services, etc.). Press **[TONE]** before entering access numbers which require tone dialing.

Call share

You can join an existing outside call. To select the line that is being used for the call:

- for a cellular line press **[CELL 1]** or **[CELL 2]**.
- for the landline press **[SP-PHONE]**.

Note:

- A maximum of 3 parties (including 1 outside party) can join a conversation using 2 extensions. **(3-way conference)**
- To prevent other users from joining your conversations with outside callers, turn call sharing mode off (page 38).

Transferring a cellular call between the base unit and a cellular phone

Transferring a cellular call from the base unit to a cellular phone

During a cellular call, press and hold **[CELL 1]** or **[CELL 2]** until the SP-PHONE indicator goes out.

- The cellular call is transferred to the cellular phone.

Transferring a cellular call from a cellular phone to the base unit

During a conversation using a cellular phone, press **[CELL 1]** or **[CELL 2]**.

- The cellular call is transferred to the base unit.

Using the other line during a conversation

You can handle a cellular call and a landline call at the same time. When another call is being received during a conversation, the interrupt tone sounds (page 37). You can answer the 2nd call while holding the 1st call.

Making/answering a cellular call during a conversation on the landline

- 1 Press **[HOLD]** during a landline call.
- 2 **To make a 2nd call:**
Press **[CELL 1]** or **[CELL 2]**. → Dial the phone number.
To answer a 2nd call:
Press **[CELL 1]** or **[CELL 2]**.
 - To hold the 2nd call, press **[HOLD]**.
- 3 To hang up the 2nd call and return to the 1st call (landline call), press **[SP-PHONE]** 2 times.

Making/answering a landline call during a conversation on a cellular line

- 1 Press **[HOLD]** during a cellular call.
- 2 **To make a 2nd call:**
[SP-PHONE] → Dial the phone number.
To answer a 2nd call:
[SP-PHONE]
 - To hold the 2nd call, press **[HOLD]**.
- 3 To hang up the 2nd call and return to the 1st call (cellular call), press **[SP-PHONE]**, then press **[CELL 1]** or **[CELL 2]**.

Shared Phonebook

Shared phonebook

The shared phonebook allows you to make calls without having to dial manually. Any handset registered to the base unit can use the shared phonebook. You can add 3050 names and phone numbers to the shared phonebook, and assign each phonebook entry to the desired group ("Home", "Cell 1", "Cell 2").

Important:

- Only 1 person can access the shared phonebook at a time.
- Caller ID subscribers can use group ringer tone features (page 43).
- You can copy phonebook entries from a Bluetooth cellular phone to the unit's shared phonebook (page 46).

Adding entries

- 1 **[📖] → [ADD]**
- 2 Enter the party's name (16 characters max.). → **[OK]**
- 3 Enter the party's phone number (24 digits max.). → **[OK]**
- 4 **[↕]:** Select the desired group. → **[SELECT]** 2 times
 - To add other entries, repeat from step 2.
- 5 **[OFF]**

Character table for entering names

While entering characters, you can switch between uppercase and lowercase by pressing **[↔]** (A→a).

Key	Character
[1]	& ' () * , - . / 1
[2]	A B C 2 a b c 2
[3]	D E F 3 d e f 3

Key	Character
[4]	G H I 4 g h i 4
[5]	J K L 5 j k l 5
[6]	M N O 6 m n o 6
[7]	P Q R S 7 p q r s 7
[8]	T U V 8 t u v 8
[9]	W X Y Z 9 w x y z 9
[0]	␣ 0
[#]	#

- To enter another character that is located on the same dial key, first press **[▶]** to move the cursor to the next space.
- If you do not press any dial key within 5 seconds after entering a character, the character is fixed and the cursor moves to the next space.
- **␣** in the above table represents a single space.

Erasing the character or number

Press **[◀]** or **[▶]**. → **[CLEAR]**

- Press and hold **[CLEAR]** to erase all characters or numbers.

Groups

Groups can help you find entries in the phonebook quickly and easily. When adding an entry to the phonebook, you can assign it to one of 3 groups. You can search for phonebook entries by group. The group ringer tone feature is available for Caller ID subscribers (page 43).

Finding and calling from a phonebook entry

Scrolling through all entries

■ Using a cellular line

- 1
- 2 : Select the desired entry.
- 3 **[CELL]**
 - The unit starts dialing when:
 - only 1 cellular phone is registered.
 - a specific line is set to make cellular calls (page 20).
- 4 : Select the desired cellular phone. → **[SELECT]**

■ Using the landline

- 1
- 2 : Select the desired entry.
- 3

Searching by first character

- 1
- 2 Press the dial key (**[0]** – **[9]** or **[#]**) which contains the character you are searching for (page 30).
 - Press the same dial key repeatedly to display the first entry corresponding to each character located on that dial key.
 - If there is no entry corresponding to the character you selected, the next entry is displayed.
- 3 : Scroll through the phonebook if necessary.
- 4 To make a cellular/landline call, continue from step 3, "Scrolling through all entries", page 31.

Searching by query

You can narrow down the search to enter the first characters of a name.

- 1 →

- 2 To search for the name, enter the first characters (up to 4) in uppercase (page 30).
 - Characters cannot be entered in lowercase.
 - If there is no entry corresponding to the characters you selected, the next entry is displayed.
- 3 **[OK]**
- 4 : Scroll through the phonebook if necessary.
- 5 To make a cellular/landline call, continue from step 3, "Scrolling through all entries", page 31.

Searching by group

- 1 → **[GROUP]**
- 2 : Select the group you want to search. → **[SELECT]**
 - If you select "A11", the unit ends the group search.
- 3 : Select the desired entry.
- 4 To make a cellular/landline call, continue from step 3, "Scrolling through all entries", page 31.

Editing entries

- 1 Find the desired entry (page 31). → **[MENU]**
- 2 : "Edit" → **[SELECT]**
- 3 Edit the name if necessary (16 characters max.; page 30). → **[OK]**
- 4 Edit the phone number if necessary (24 digits max.). → **[OK]**
- 5 : Select the desired group (page 30). → **[SELECT]** 2 times
- 6 **[OFF]**

Erasing entries

Erasing an entry

- 1 Find the desired entry (page 31). → **[ERASE]**

Shared Phonebook

- 2 [↕]: “Yes” → [SELECT]
- 3 [OFF]

Erasing all entries in a group

- 1 [📖] → [MENU]
- 2 [↕]: “Erase all” → [SELECT]
- 3 [↕]: Select the desired group. → [SELECT]
- 4 [↕]: “Yes” → [SELECT]
- 5 [↕]: “Yes” → [SELECT]
- 6 [OFF]

Chain dial

This feature allows you to dial phone numbers in the phonebook while you are on a call. This feature can be used, for example, to dial a calling card access number or bank account PIN that you have stored in the phonebook, without having to dial manually.

- 1 During an outside call: [MENU] → [↕]: “Phonebook” → [SELECT]
- 2 [↕]: Select the desired entry.
- 3 Press [CALL] to dial the number.

Note:

- When storing a calling card access number and your PIN in the phonebook as one phonebook entry, press [PAUSE] to add pauses after the number and PIN as necessary (page 22).
- If you have rotary/pulse service, you need to press [TONE] before pressing [MENU] on the handset in step 1 to change the dialing mode temporarily to tone. When adding entries to the phonebook, we recommend adding [TONE] to the beginning of phone numbers you wish to chain dial (page 30).

Programmable settings

You can customize the unit by programming the following features using the handset. To access the features, there are 2 methods:

■ Scrolling through the display menus

- 1 [MENU]
- 2 Press [▼] or [▲] to select the desired main menu. → [SELECT]
- 3 Press [▼] or [▲] to select the desired item from the next sub-menus. → [SELECT]
- 4 Press [▼] or [▲] to select the desired setting. → [SAVE]
 - This step may vary depending on the feature being programmed.
 - To exit the operation, press [OFF].

■ Using the direct command code

- 1 [MENU] → Enter the desired code.
Example: Press [MENU]#[1][0][1].
- 2 Select the desired setting. → [SAVE]
 - This step may vary depending on the feature being programmed.
 - To exit the operation, press [OFF].

Note:

- In the following table, < > indicates the default settings.
- In the following table, (P. 44) indicates the reference page number.
- Display menu order and sub-menu may vary depending on your model.

Display the menu tree and direct command code table


Main menu: (P. 44) "Caller list"

Operation	Code	(P. 44)
Viewing the caller list.	#213	44


Main menu: (P. 44) "Answering device"

Sub-menu 1	Sub-menu 2	Settings	Code	(P. 44)
Play new msg. (msg.: message)	–	–	#323	51
Play all msg.	–	–	#324	51
Erase all msg.*1	–	–	#325	51
Greeting	Record greeting*1	–	#302	50
	Check greeting	–	#303	50
	Pre-recorded*1 (Reset to pre-recorded greeting)	–	#304	50


Programming

Sub-menu 1	Sub-menu 2	Settings	Code	
Settings	Ring count ^{*1}	2-7: 2-7 rings <4 rings> 0: Toll saver	#211	53
	Recording time ^{*1}	1: 1 min 3: <3 min> 0: Greeting only ^{*2}	#305	53
	Remote code ^{*1}	<111>	#306	51
	Screen call	1: <On> 0: Off	#310	49
Answer on ^{*1}	-	-	#327	49
Answer off ^{*1}	-	-	#328	49

Main menu:  "V.M. access"^{*3} (V.M.: Voice mail)


Operation	Code	
Listening to voice mail messages.	#330	56

Main menu:  "Intercom"


Operation	Code	
Paging the desired unit.	#274	57


Programming


Main menu:  "Bluetooth"

Sub-menu 1	Sub-menu 2	Settings	Code	
Link to cell - 1: Add new device ^{*4} (for CELL 1) - 2: Add new device ^{*4} (for CELL 2)	Connect ^{*1} / Disconnect ^{*1}	-	#6251 ^{*5}	20
			#6252 ^{*6}	
	Ringer volume - Handset	0-6: Off-6 <6>	#6281 ^{*5}	23
			#6282 ^{*6}	
	Ringer volume - Base unit ^{*1}	0-6: Off-6 <1>	#*6281 ^{*5}	28
			#*6282 ^{*6}	
	Ringer tone ^{*7,*8}	1-5: Tone 1-5 <Tone 2> ^{*5} <Tone 4> ^{*6} 6-0: Melody 1-5	#6291 ^{*5}	-
			#6292 ^{*6}	
Select unit to ring ^{*1}	1-6: Handset 1-6 *: <All>	#6271 ^{*5}	19	
		#6272 ^{*6}		
Ring as cell (limited) ^{*1}	1: <On (with Talking CID)> 2: On (without Talking CID) 0: Off	#6141 ^{*5}	19	
		#6142 ^{*6}		
Registration	-	#6241 ^{*5}	18	
		#6242 ^{*6}		
Phonebook transfer	-	-	#618	46
Headset	Add new device ^{*4}	-	#621	47
	Connect ^{*1} / Disconnect ^{*1}	-	#622	47
	Registration	-	#621	47


Programming


Sub-menu 1	Sub-menu 2	Settings	Code	
Settings	Auto connect* ¹	1: <1 min> 2: 3 min 3: 5 min 4: 10 min 0: Off	#632	19
	Cell area code* ¹	-	#633	21
	Cell line only mode* ¹	1: On 0: <Off>	#157	20
	Cell line select - Handset	1: Cellphone 1* ⁴ 2: Cellphone 2* ⁴ 0: <Manual>	#634	20
	Cell line select - Base unit* ^{1,9}	1: Cellphone 1* ⁴ 2: Cellphone 2* ⁴	# X 634	
	Set PIN* ¹	<0000>	#619	21
Deregistration* ²	-	-	#134	21

Main menu:  "Set date & time"

Sub-menu 1	Sub-menu 2	Settings	Code	
Date and time* ¹	-	-	#101	17
Alarm	-	1: Once 2: Daily 0: <Off>	#720	40
Time adjustment* ^{1,10}	-	1: <Caller ID auto> 0: Manual	#226	-

Programming


Main menu:  "Initial setting"

Sub-menu 1	Sub-menu 2	Settings	Code	
Ringer setting	Ringer volume – Handset ^{*3}	0-7: Off-7 <6>	#160	23
	Ringer volume – Base unit ^{*1, *3}	0-6: Off-6 <1>	#*160	28
	Ringer tone ^{*3, *7, *8, *11} (Handset)	1-5: Tone 1-5 <Tone 1> 6-0: Melody 1-5	#161	–
	Interrupt tone – Handset ^{*12}	1: <On> 0: Off	#201	25
	Interrupt tone – Base unit ^{*1, *9, *12}	1: <On> 0: Off	#*201	29
	Silent mode – On/Off	1: On 0: <Off>	#238	40
	Silent mode – Start/End	<11:00 PM/06:00 AM>	#237	40
Set date & time	Date and time ^{*1}	–	#101	17
	Alarm	1: Once 2: Daily 0: <Off>	#720	40
	Time adjustment ^{*1, *10}	1: <Caller ID auto> 0: Manual	#226	–
Talking Caller ID	Handset	1: <On> 0: Off	#162	43
	Base unit ^{*1}	1: On 0: <Off>	#*162	
Handset name	–	–	#104	40
Call block ^{*1}	–	–	#217	41
	Block w/o num ^{*1, *2} (Block calls without phone number)	1: On 0: <Off>	#240	41
Voice mail ^{*3}	Store VM access# ^{*1} (VM: Voice mail)	–	#331	55
	VM tone detect ^{*1}	1: <On> 0: Off	#332	55
Message alert	–	1: <On> 0: Off	#340	53
LCD contrast (Display contrast)	–	1-6: Level 1-6 <3>	#145	–
Key tone ^{*13}	–	1: <On> 0: Off	#165	–


For assistance, please visit <http://www.panasonic.com/help>

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Programming

Sub-menu 1	Sub-menu 2	Settings	Code	
Caller ID edit (Caller ID number auto edit)	–	1: <On> 0: Off	#214	44
Auto talk ^{*14}	–	1: On 0: <Off>	#200	23
Set tel line ^{*3}	Set dial mode ^{*1}	1: Pulse 2: <Tone>	#120	17
	Set flash time ^{*1, *15}	0: 900 ms 1: <700 ms> 2: 600 ms 3: 400 ms 4: 300 ms 5: 250 ms *: 200 ms #: 160 ms 6: 110 ms 7: 100 ms 8: 90 ms 9: 80 ms	#121	24
	Set line mode ^{*1, *16}	1: A 2: 	#122	–
Call sharing ^{*1}	–	1: <On> 0: Off	#194	24, 29
Registration	Register handset	–	#130	42
	Deregistration ^{*2}	–	#131	42
Change language	Display	1: <English> 2: Español	#110	17
	Voice prompt ^{*1}	1: <English> 2: Español	#112	17

Main menu:  "Customer support"

Operation	Code	
Displaying customer support Web address.	#680	–

- *1 If you program these settings using one of the handsets, you do not need to program the same item using another handset.
- *2 This menu is not displayed when scrolling through the display menus. It is only available in direct command code.
- *3 When the cellular line only mode is turned on, these menus are not displayed (page 20).
- *4 After the Bluetooth device is registered, the device name is displayed.
- *5 For CELL 1
- *6 For CELL 2
- *7 If you select one of the melody ringer tones, the ringer tone continues to play for several seconds even if the caller has already hung up. You may either hear a dial tone or no one on the line when you answer the call.

Programming

- *8 The preset melodies in this product are used with permission of © 2009 Copyrights Vision Inc.
- *9 KX-TG7741 series: page 3
- *10 This feature allows the unit to automatically adjust the date and time each time caller information including date and time is received.
To turn this feature on, select “**Caller ID auto**”. To turn this feature off, select “**Manual**”. (Caller ID subscribers only)
To use this feature, set the date and time first (page 17).
- *11 If you subscribe to a distinctive ring service (such as IDENT-A-RING), select a tone (tone 1 to 5). If you select a melody, you cannot distinguish lines by their ringers.
- *12 This tone lets you know when you receive an outside call while you are on another line or an intercom call. If you select “**on**”, the tone sounds 2 times.
- *13 Turn this feature off if you prefer not to hear key tones while you are dialing or pressing any keys, including confirmation tones and error tones.
- *14 If you subscribe to a Caller ID service and want to view the caller's information after lifting up the handset to answer a call, turn off this feature.
- *15 The flash time depends on your telephone exchange or host PBX. Contact your PBX supplier if necessary. The setting should stay at “**700 ms**” unless pressing [**FLASH**] fails to pick up the waiting call.
- *16 Generally, the line mode setting should not be changed. This setting automatically maintains receiver volume at the proper level depending on the current telephone line condition. Set the line mode to “**A**” if telephone line condition is not good.

Programming

Special programming

Alarm

An alarm sounds at the set time for 3 minutes once or daily. Alarm can be set for each handset.

Important:

- Set the date and time beforehand (page 17).

1 **[MENU]** **#** **7** **2** **0**

2 **[↕]**: Select the desired alarm option. →
[SELECT]

Off	Turns alarm off. Go to step 7.
Once	An alarm sounds once at the set time.
Daily	An alarm sounds daily at the set time. Go to step 4.

3 Enter the desired month and date. →
[OK]

4 Set the desired time.

5 **[AM/PM]**: Select “AM” or “PM”. → **[OK]**

6 **[↕]**: Select the desired alarm tone. →
[SELECT]

- We recommend selecting a different ringer tone from the one used for outside calls.

7 **[SELECT]** → **[OFF]**

- When the alarm is set, **Ⓢ** is displayed.

Note:

- To stop the alarm, press **[OFF]** or place the handset on the base unit or charger.
- When the handset is in use, the alarm will not sound until the handset is in standby mode.

Silent mode

Silent mode allows you to select a period of time during which the handset will not ring for outside calls. This feature is useful for time periods when you do not want to be disturbed,

for example, while sleeping. Silent mode can be set for each handset.

Important:

- Set the date and time beforehand (page 17).
- We recommend turning the base unit ringer off (page 35, 37) in addition to turning the silent mode on.
- If you have set the alarm, the alarm sounds even if the silent mode is turned on.

Turning silent mode on/off

1 **[MENU]** **#** **2** **3** **8**

2 **[↕]**: Select the desired setting. →
[SAVE]

- If you select “**Off**”, press **[OFF]** to exit.

3 Enter the desired hour and minute you wish to start this feature.

4 **[AM/PM]**: Select “AM” or “PM”. → **[OK]**

5 Enter the desired hour and minute you wish to end this feature.

6 **[AM/PM]**: Select “AM” or “PM”.

7 **[SAVE]** → **[OFF]**

- When the silent mode is set, **Zz** is displayed.

Changing the start and end time

1 **[MENU]** **#** **2** **3** **7**

2 Continue from step 3, “Turning silent mode on/off”, page 40.

Changing the handset name

Each handset can be given a customized name (“Bob”, “Kitchen”, etc.). This is useful when you make intercom calls between handsets. You can also select whether or not the handset name is displayed in standby mode. The default setting is “No”. If you select “Yes” without entering any handset name, “Handset 1” to “Handset 6” is displayed.

1 **[MENU]** **#** **1** **0** **4**

- 2 Enter the desired name (max. 10 characters; see the character table, page 30).
 - If not required, go to step 3.
- 3 **[SAVE]**
- 4 **[↕]**: Select the desired setting. → **[SELECT]** 2 times
- 5 **[OFF]**

Call block (Caller ID subscribers only)

This feature allows the unit to reject calls when:

- the unit receives a call from a phone number stored in the call block list as unwanted (“Storing unwanted callers”, page 41).
- the unit receives a call without phone number (“Blocking incoming calls without phone number”, page 41).

When a call is received, the unit rings for a short time while the caller is being identified. If the phone number matches an entry in the call block list:

- cellular calls are rejected.
- landline calls are disconnected after the unit first sends out a busy tone to the caller.

Important:

- When the unit receives a call from a number that is stored in the call block list or a call without a recognized phone number, the call is logged in the caller list (page 44) with **[📞]** after the call is disconnected.

Storing unwanted callers

You can store up to 30 phone numbers in the call block list.

Important:

- We recommend storing 10 digits (including an area code). If only 7 digits are stored, all numbers that have the same last 7 digits will be blocked.

■ From the caller list:

- 1 **[←] CID**

- 2 **[↕]**: Select the entry to be blocked.
 - To edit the number, press **[SELECT]**, then press **[EDIT]** repeatedly until the phone number is shown in the 10-digit format.
 - 3 **[SAVE]**
 - 4 **[↕]**: “Call block” → **[SELECT]**
 - 5 **[↕]**: “Yes” → **[SELECT]**
 - 6 Edit the phone number if necessary (24 digits max.).
 - 7 **[SAVE]** → **[OFF]**
- **By entering phone numbers:**
- 1 **[MENU]# [2] [1] [7]** → **[ADD]**
 - 2 Enter the phone number (24 digits max.).
 - To erase a digit, press **[CLEAR]**.
 - 3 **[SAVE]** → **[OFF]**

Blocking incoming calls without phone number

You can reject a call when no phone number is provided, such as a call just showing “Out of area”.

- 1 **[MENU]# [2] [4] [0]**
- 2 **[↕]**: Select the desired setting. → **[SAVE]** → **[OFF]**

Viewing/editing/erasing call block numbers

- 1 **[MENU]# [2] [1] [7]**
- 2 **[↕]**: Select the desired entry.
 - To exit, press **[OFF]**.
- 3 **To edit a number:**
[EDIT] → Edit the phone number. → **[SAVE]** → **[OFF]**
To erase a number:
[ERASE] → **[↕]**: “Yes” → **[SELECT]** → **[OFF]**

Note:

- When editing, press the desired dial key to add, **[CLEAR]** to erase.
- When viewing, “Block w/o num” is displayed if the blocking incoming calls without phone number feature is turned on.

Programming

To turn the feature off: [ERASE] → [▼]
→ [SAVE] → [OFF]

Registering a unit

Operating additional units

Additional handsets

Up to 6 handsets can be registered to the base unit.

Important:

- See page 5 for information on the available model.

Registering a handset to the base unit

The supplied handset and base unit are pre-registered. If for some reason the handset is not registered to the base unit, re-register the handset.

- 1 Handset:**
[MENU]#130
- 2 Base unit:**
Press and hold [LOCATOR] for about 5 seconds until the registration tone sounds.
 - If all registered handsets start ringing, press [LOCATOR] again to stop, then repeat this step.
 - The next step must be completed within 90 seconds.
- 3 Handset:**
Press [OK], then wait until a long beep sounds.

Note:

- While registering, “Base in registering” is displayed on all registered handsets.
- When you purchase an additional handset, refer to the additional handset’s installation manual for registration.

Deregistering a handset

A handset can cancel its own registration to the base unit, or other handsets registered to

the same base unit. This allows the handset to end its wireless connection with the system.

- 1 [MENU]#131**
 - All handsets registered to the base unit are displayed.
- 2 [↕]:** Select the handset you want to cancel. → [SELECT]
- 3 [↕]:** “Yes” → [SELECT]
- 4 [OFF]**

Using Caller ID service

Important:

- This unit is Caller ID compatible. To use Caller ID features, you must subscribe to Caller ID service. Contact your service provider/telephone company for details.

Caller ID features

When an outside call is being received, the caller's name and phone number are displayed.

Caller information for the last 50 callers is logged in the caller list from the most recent call to the oldest.

- If the unit cannot receive caller information, the following is displayed:
 - “**Out of area**”: The caller dials from an area which does not provide a Caller ID service.
 - “**Private caller**”: The caller requests not to send caller information.
 - “**Long distance**”: The caller makes a long distance call.
- If the unit is connected to a PBX system, caller information may not be properly received. Contact your PBX supplier.

Missed calls

If a call is not answered, the unit treats it as a missed call. The display shows “**Missed call**”.

Note:

- Even when there are unviewed missed calls, “**Missed call**” disappears from the standby display if the following operation is performed by one of the units:
 - A handset is replaced on the base unit or charger.
 - Pressing [**OFF**] on a handset.

Phonebook name display

When caller information is received and it matches a phone number stored in the phonebook, the stored name in the phonebook is displayed and logged in the caller list.

Talking Caller ID

Handset / Base unit

This feature lets you know who is calling without looking at the display.

To use this feature, you must:

- subscribe to a Caller ID service of your service provider/telephone company.
- turn this feature on (page 37).

When caller information is received, the handsets and base unit announce the caller's name or phone number received from your service provider/telephone company following every ring.

The unit announces in English only.

- Name pronunciation may vary. This feature may not pronounce all names correctly.
- Caller ID service has a limit of how many characters can be displayed. If the caller's name is too long:
 - the handset may not be able to display or announce the entire name.
 - the base unit may not be able to announce the entire name.
- The announcement is heard at the same level as the ringer volume (page 35, 37).
- If you turn on the answering system and set the number of rings “**2 rings**” (page 53), the unit does not announce the caller information from the landline. If “**Toll saver**” is selected and there is a new message, the unit does not announce the caller information from the landline.
- When you receive a call while on the phone, the 2nd caller's name is not announced even if you subscribe to both Caller ID and Call Waiting with Caller ID services.

Phonebook name announcement

When caller information is received and it matches a phone number stored in the phonebook, the stored name in the phonebook is announced.

Ringer ID

You can select the desired ringer tone to a group that each phonebook entry is assigned