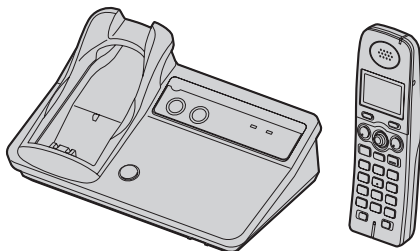# Panasonic®

Operating Instructions

Global VoIP Telephone

Model No. **BB-GT1500C**
BB-GT1502C
BB-GT1540C

Powered by
deltathree, Inc. **joip**™

BB-GT1500C

GLOBARANGE
globarange.com

5.8 GHz
DIGITAL CORDLESS PHONE
TÉLÉPHONE SANS FIL NUMÉRIQUE

[8] EXPANDABLE EXTENSIBLE
Expandable up to 8 Handsets
Accepte un total de 8 combinés

This unit is compatible with Call Display. To use this feature, you must subscribe to the joip service offered by deltathree, Inc. or the appropriate service offered by your landline service provider.

Charge the handset battery for 7 hours before initial use.

Please read these Operating Instructions before using the unit and save for future reference.

Table of Contents

Product information

Thank you for purchasing a Panasonic GLOBARANGE phone.

These operating instructions can be used for the following models:

BB-GT1500
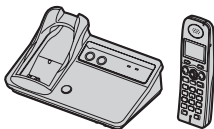
BB-GT1502
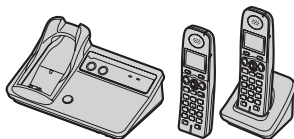
BB-GT1540

- With answering system
- Base unit dial keypad

Important:

● The suffix (C) in the following model numbers will be omitted in these instructions: BB-GT1500C/BB-GT1502C/BB-GT1540C

Notable feature differences between models

Model no.	Answering system	Intercom		Make/answer calls with base unit
		🔲 ⇔ 📱*1	📱 ⇔ 📱*2	
BB-GT1500	–	–	●*3	–
BB-GT1502	–	–	●	–
BB-GT1540	●	●	●*3	●

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

*2 Intercom calls can be made between the handsets.

*3 Intercom calls can be made between the handsets by purchasing and registering 1 or more optional handsets (BB-GTA150C, page 8).

How the GLOBARANGE phone works

Connect this phone to both a landline and the Internet (IP line) so you can make or receive internet calls as well as landline calls.

When you make calls with joip, a VoIP (Voice over Internet Protocol) service, your voice will be sent as data packets over the Internet to the destination where they are converted into voice. Basically, you can make internet calls using the joip service virtually the same as using a landline. For more information, see "What is joip/joip number?" below and visit www.joip.com
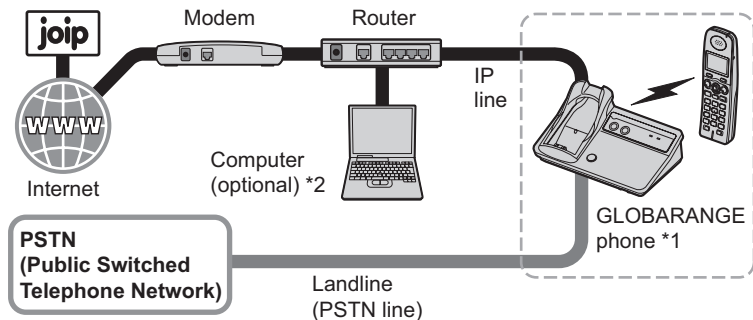
*1 Model shown is BB-GT1500.

*2 Computer is not required for setup or making/answering internet calls.

What is joip/joip number?

joip is the VoIP service provided by deltathree Inc. After connecting this phone to the Internet (page 17, 28), a unique joip number is sent to your handset display (page 30), so you can use your IP line as follows:

1. Make and receive free calls to and from other joip numbers for a full period of 3 years from the date of setup.[*1][*2]
2. Make calls from your joip number to landline and cellular phones at very low rates by subscribing to the appropriate service at www.joip.com
3. Receive calls from landline and cellular phone numbers via your IP line by subscribing for additional phone number(s) at www.joip.com
These additional phone numbers can be chosen regardless of your geographic location from a list of international and local area codes offered by joip. There may be restrictions in obtaining phone numbers from certain countries or areas. Visit www.joip.com for details.

A joip number consists of the pound key (#) followed by 10 digits, enabling you to make and receive free calls to and from other joip number owners for a full period of 3 years from the date of setup.[*1][*2]

The joip number does not involve extra charges and is given free to Panasonic GLOBARANGE phone owners.

For product assistance, visit www.globarange.com
For joip assistance, visit www.joip.com

*1 Requires both parties to have a Panasonic GLOBARANGE Phone, activated the joip service from deltathree, Inc., and broadband internet service provided by a cable company or internet service provider for a fee.

*2 After 3 years, the joip service may require a fee.

Important:

For joip services, please visit the joip website: www.joip.com or contact the joip service provider.

● Terms of Use for the joip services are available on the included leaflet or at www.joip.com and must be read and accepted prior to using joip services.

● NEITHER PANASONIC COMMUNICATIONS CO., LTD. NOR PANASONIC CORPORATION OF NORTH AMERICA IS IN ANY WAY AFFILIATED WITH, OR RESPONSIBLE FOR THE ACTS OR OMISSIONS OF, DELTATHREE, INC. NEITHER PANASONIC COMMUNICATIONS CO., LTD. NOR PANASONIC CORPORATION OF NORTH AMERICA NOR ANY OF THEIR EMPLOYEES OR AFFILIATES OR CUSTOMERS MAKE ANY WARRANTIES OR REPRESENTATIONS, EITHER EXPRESS OR IMPLIED, TO ANY CUSTOMER OR ANY OTHER THIRD PARTY WITH RESPECT TO ANY OF THE SERVICES PROVIDED BY DELTATHREE, INC., NOR ASSUME NOR CREATE ANY OTHER OBLIGATION OF ANY KIND ON BEHALF OF DELTATHREE, INC.

To make emergency (911) calls successfully, we recommend using the landline.

● Depending on the condition of your network connection, emergency phone numbers may not be dialed via the IP line.

● The subscription is required to enable emergency calls via the IP line. For assistance, visit www.joip.com

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Note:

● We recommend installing only one Panasonic GLOBARANGE phone base unit. If you install more than one Panasonic GLOBARANGE phone base unit, you may not be able to make or receive internet calls properly.

● Sound quality and overall performance of IP phone may vary depending on the condition of your network connection. Refer to "Troubleshooting", page 87.

Trademarks

● deltathree and joip are either registered trademarks or trademarks of deltathree, Inc., in the United States and/or other countries.

● All other trademarks identified herein are the property of their respective owners.

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For product assistance, visit www.globarange.com

For joip assistance, visit www.joip.com

5

Feature highlights

- **Free calls to other joip service subscribers (Panasonic GLOBARANGE phone owners) for a full period of 3 years from the date of setup[*1]**
- **High quality IP telephony using your Internet connection**
  Enjoy high-quality calls at low rates to any destination worldwide using the joip service.
- **Standard phone using a landline**
- **Expandable phone system (up to 8 total handsets)[*2]**
  Allows you to make an internet call on one handset while another handset is talking on the landline.
- **Save 100 phonebook items on a handset**
- **Phonebook/Ringtone data downloading**
  Easily edit the phonebook items from a computer using the joip website (www.joip.com). Download phonebook items and ringtones to the base unit, then import them to a handset.
- **Internet call ability using a cellular phone via the unit's answering system (BB-GT1540)[*3]**

*1 After 3 years, the joip service may require a fee.
*2 Requires optional accessory handsets (sold separately, page 8).
*3 Requires subscription for additional phone number(s) for your joip IP line other than the joip number (page 4).

Note:

- joip, a service powered by deltathree, Inc., offers special features such as Call Display, Call Waiting, and Voice Mail. For more information, visit the joip website (www.joip.com).
- Your landline service provider may offer special telephone services such as Call Display, Call Waiting, and Voice Mail. Please contact your landline service provider for details and availability in your area.

System requirements

Your network must meet the following technical specifications for the unit to work as an IP phone.

Item	Description
Internet connection	Broadband Internet connection such as DSL or cable
Modem	Broadband modem with Ethernet port (USB-only modems are not supported.)
Router	Broadband router[*1*2]

For product assistance, visit www.globarange.com
For joip assistance, visit www.joip.com

*1 This unit is not compatible with the following:
- PPPoE (Point to Point Protocol over Ethernet)
- PPTP (Point-to-Point Tunneling Protocol)
- L2TP (Layer 2 Tunneling Protocol)

If your Internet service provider uses a PPPoE, PPTP, or L2TP connection, a compatible router is required.

*2 This unit is designed to obtain an IP address automatically from a DHCP (Dynamic Host Configuration Protocol) server. We recommend using the DHCP server (page 28).

Accessory information

Included accessories

No.	Accessory item	Quantity	
		BB-GT1500/ BB-GT1540	**BB-GT1502**
①	AC adaptor for base unit	1	1
②	Telephone line cord	1	1
③	Battery	1	2
④	Handset cover*1	1	2
⑤	Ethernet cable (Category 5E straight cable)	1	1
⑥	Belt clip	1	2
⑦	Charger	–	1
⑧	AC adaptor for charger	–	1

*1 The handset cover comes attached to the handset.

① ② ③ ④

⑤ ⑥ ⑦ ⑧

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For product assistance, visit www.globarange.com
For joip assistance, visit www.joip.com 7
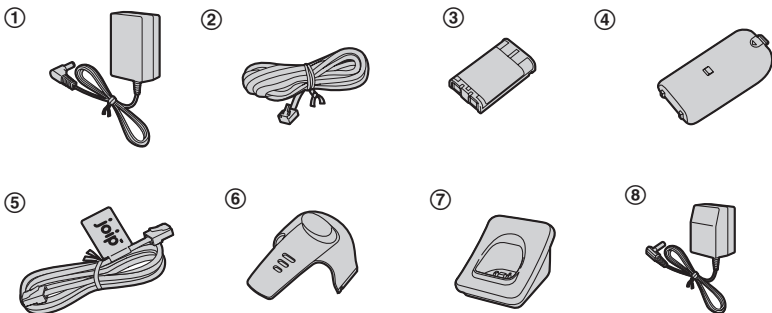
Additional/replacement accessories

Accessory item	Order number
Rechargeable nickel metal hydride (Ni-MH) battery	HHR-P107
Headset	RP-TCA86, RP-TCA91, RP-TCA92, RP-TCA94, or RP-TCA95
Wall mounting adaptor for base unit	PQKL10078Z2

Expanding your phone system

You can expand the phone system by registering optional handsets to a single base unit.

- A maximum of 8 total handsets (included and optional) can be registered to a single base unit.

Handset (optional): BB-GTA150C

For product assistance, visit www.globarange.com
For joip assistance, visit www.joip.com

Symbols used in these operating instructions

Symbol	Meaning
IP	Features and operations for using the IP line
TEL	Features and operations for using the landline
b	Perform with the handset.
⊿	Perform with the base unit.
[ ]	The words in the brackets indicate button names/soft key names on the handset and base unit. **Example:** Unit keys: **[TEL]**, **[IP]** Soft keys: **[CID]**, **[▱]**
→	Proceed to the next operation.
" "	The words in quotations indicate the menu on the display. **Example:** "**Ringer ID**"
[▼]/**[▲]**: " "	Push the handset joystick down or up to select the words in quotations. **Example:** **[▼]**/**[▲]**: "**Off**"
[▲] [▼] [◄◄] [►►] (BB-GT1540)	Press up, down, left, or right on the base unit navigator key.
[►] (BB-GT1540)	Press the centre of the base unit navigator key.

Important safety instructions

When using the product, basic safety precautions should always be followed to reduce the risk of fire, electric shock, or personal injury.

1. Read all instructions carefully.
2. Follow all warnings and instructions marked on the product.
3. Unplug the product from power outlets before cleaning. Do not use liquid or aerosol cleaners. Use a dry soft cloth for cleaning.
4. Do not use the product near water, for example near a bathtub, wash bowl, kitchen sink, etc.
5. Place the product securely on a stable surface. Serious damage and/or injury may result if the product falls.
6. Do not cover slots and openings on the product. They are provided for ventilation and protection against overheating. Never place the product near radiators, or in a place where proper ventilation is not provided.
7. Use only the power source marked on the product. If you are not sure of the type of power supplied to your home, consult your dealer or local power company.
8. Do not place objects on the power cord. Install the product where no one can step or trip on the cord.
9. Do not overload power outlets and extension cords. This can result in the risk of fire or electric shock.
10. Never push any objects through slots in the product. This may result in the risk of fire or electric shock. Never spill any liquid on the product.
11. To reduce the risk of electric shock, do not disassemble the product. Take the product to an authorized service centre when service is required. Opening or removing covers may expose you to dangerous voltages or other risks. Incorrect reassembly can cause electric shock when the product is subsequently used.
12. Unplug the product from power outlets and take to an authorized service centre when the following conditions occur:
    A. When the power cord is damaged or frayed.
    B. If liquid has been spilled into the product.
    C. If the product has been exposed to rain or water.
    D. If the product does not work normally by following the operating instructions. Adjust only controls covered by the operating instructions. Improper adjustment may require extensive work by an authorized service centre.
    E. If the product has been dropped or physically damaged.
    F. If the product exhibits a distinct change in performance.
13. During thunderstorms, avoid using telephones except cordless types. There may be a remote risk of an electric shock from lightning.
14. Do not use the product to report a gas leak, when in the vicinity of the leak.

SAVE THESE INSTRUCTIONS

WARNING:

- To prevent the risk of fire or electrical shock, do not expose the product to rain or any type of moisture.

- 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 an authorized service centre.

● 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.

● 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.

● 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.

CAUTION:

Installation

● Never install telephone wiring during a lightning 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.

● Do not touch the plug with wet hands.

● The AC adaptor is used as the main disconnect device. Ensure that the AC outlet is installed near the product and is easily accessible.

Battery

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

● Use only the battery(ies) specified.

● Do not dispose of the battery(ies) in a fire, as they may explode. Check with local waste management codes for special disposal instructions.

● Do not open or mutilate the battery(ies). Released electrolyte is corrosive and may cause burns or injury to the eyes or skin. The electrolyte may be toxic if swallowed.

● Exercise care when handling the battery(ies). Do not allow conductive materials such as rings, bracelets or keys to touch the battery(ies), otherwise a short circuit may cause the battery(ies) and/or the conductive material to overheat and cause burns.

● Charge the battery(ies) provided, or identified for use with the product only, in accordance with the instructions and limitations specified in this manual.

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 5.74 GHz to 5.84 GHz, and the power output is 200 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.

No responsibility will be taken by our company with respect to consequences resulting from the inappropriate use, damage or both of the unit.

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.
  - avoid facing 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.
- 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 5 °C (41 °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

- **To clean the product, use a dry soft cloth. The outer surface of the product can be scratched by wiping or rubbing with a hard cloth.**
- Do not use benzine, thinner, or any abrasive powder.

 For product assistance, visit www.globarange.com
For joip assistance, visit www.joip.com

Security caution

When using this product, take appropriate measures to avoid the following security breaches.

● Leaks of private information via this product

● Illegal use of this product by a third party

● Interference or suspension of the use of this product by a third party

Take the following measures to avoid security breaches:

● To prevent illegal access, keep the base unit software updated (if you do not have the latest version of software, this can lead to blocked access or information leaks) (page 56).

● You are responsible for the security settings, such as the remote code for the answering system, to access this product. This information should not be made available to any third parties outside the user group. To prevent unauthorized access to this product, we recommend that you regularly change the remote code (page 64).

● Place this product where it is unlikely to be stolen.

● During an internet call, outside interference may occur resulting in improper call transmission and/or unit function.

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 the information such as phonebook or caller list entries from the memory before you dispose, transfer or return the product.

– Erasing caller list information (page 46)

– Erasing phonebook information (page 41)

– Erasing messages (page 60, 73)

● When transferring this product to another party or disposing of this product, be sure to cancel the service contract with joip at www.joip.com if you subscribed to optional joip services.

Controls (Base unit)

BB-GT1500/BB-GT1502
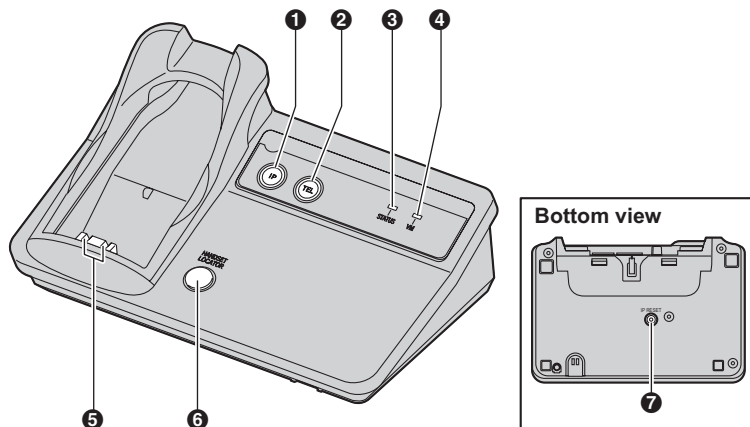
Bottom view

A IP indicator
B TEL indicator
C STATUS indicator
D VM (Voice Mail) indicator

E Charge contacts
F [HANDSET LOCATOR][*1]
G [IP RESET]

*1 You can locate a misplaced handset by pressing [HANDSET LOCATOR]. To stop paging, press it again or [OFF] on the handset.

BB-GT1540

Bottom view

❶ **[IP] (IP line)**
   IP indicator
❷ **[TEL] (Landline)**
   TEL indicator
❸ **[IP/TEL]**
❹ **STATUS indicator**
❺ **VM (Voice Mail) indicator**
❻ **[ANSWER ON]**
   ANSWER ON indicator
❼ **[LOCATOR] [INTERCOM]**
❽ **[AUTO] [PROGRAM]**
❾ **[CONF] (Conference)**
❿ **[HOLD]**
⓫ **Speaker**
⓬ **Charge contacts**
⓭ **[✳] (TONE)**
⓮ **[PAUSE] [REDIAL]**
⓯ **[FLASH] [CALL WAIT]**
⓰ **[MUTE]**
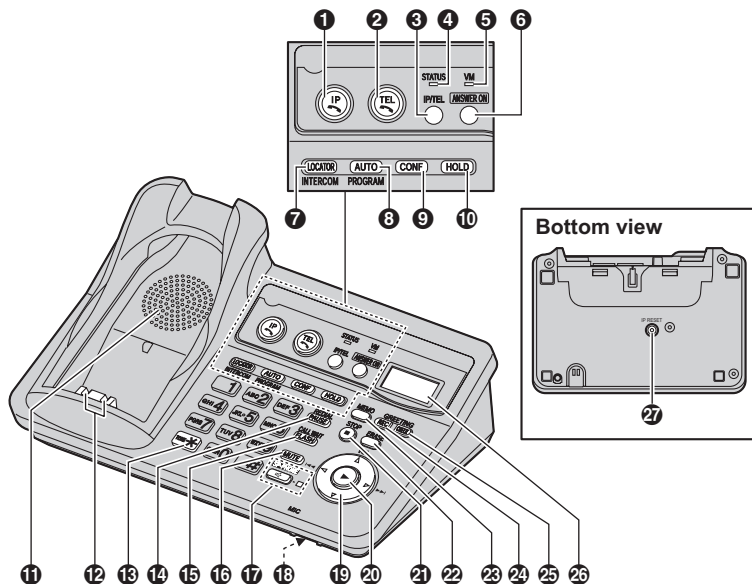
⓱ **[◁×] (SP-PHONE)**
   SP-PHONE indicator
⓲ **MIC (Microphone)**
⓳ **Navigator key ([▲] [▼] [◄◄] [►►])**
⓴ **[►] (Message)**
   Message indicator
㉑ **[STOP]**
㉒ **[ERASE]**
㉓ **[MEMO]**
㉔ **[GREETING REC] (Recording)**
㉕ **[GREETING CHECK]**
㉖ **Display**
㉗ **[IP RESET]**

Controls (Handset)

1 **Speaker**
2 **Soft keys**
3 **Headset jack**
4 {**IP**} **(IP line)**
5 **Joystick**
6 {🕪} **(SP-PHONE)**
7 {**REDIAL**} {**PAUSE**}
8 {∗} **(TONE)**
9 {**FLASH**} {**CALL WAIT**}
10 **Charge indicator**
   Ringer indicator
   Message indicator
11 **Receiver**
12 **Display**
13 {**TEL**} **(Landline)**
14 {**OFF**}
15 {**HOLD**} {**INTERCOM**}
16 **Microphone**
17 **Charge contacts**

Using the joystick

The handset joystick can be used to navigate through menus and to select items shown on the display, by pushing it up {▲}, down {▼}, left {◄}, or right {►}.

The joystick can be used to select the centre soft key icon, by pressing down on the centre of the joystick.

Using the soft keys

The handset features 2 soft keys and a joystick. By pressing a soft key, or by pressing the centre of the joystick, you can select the feature shown directly above it on the display.

CID MENU

16   Download from Www.Somanuals.com. All Manuals Search And Download.
For product assistance, visit www.globarange.com
For joip assistance, visit www.joip.com
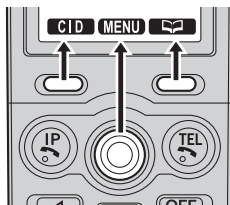
Installation

Connecting to a landline and the Internet (IP line)

Connect the base unit to a broadband router or modem with a built-in router.
*1 Computer is not required for setup or making/answering internet calls.
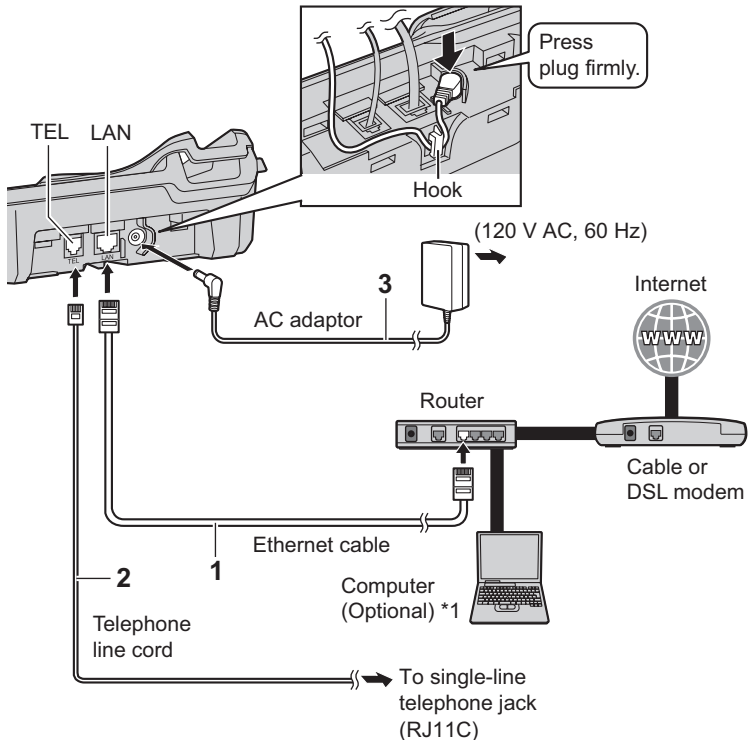
1 Connect the included Ethernet cable until it clicks into the "LAN" port on the base unit and unused Ethernet (LAN) port on your router or modem with a built-in router.

2 Connect the included telephone line cord until it clicks into the "TEL" port on the base unit and telephone line jack.

3 Connect the included AC adaptor to the base unit by pushing the plug firmly, then plug the other end into the power outlet.
● Use only the included Panasonic AC adaptor PQLV203.
● The STATUS indicator on the base unit lights in red for about 3 seconds (page 22).

4 Install the battery:
Press the notch of the handset cover firmly, and slide it in the direction of the arrow (❶). Insert the battery (❷), and press it down until it snaps into position (❸). Then close the handset cover (❹, ❺).
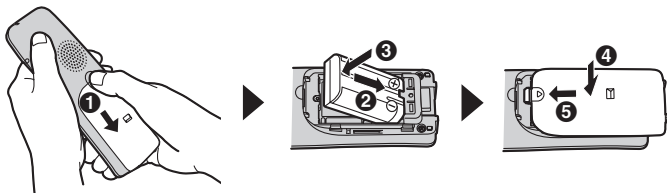
5 Charge the battery:
Place the handset on the base unit.

- If **"Charge for 7 HRS"** is displayed, wait for at most 15 minutes until **"Please read joip Terms of Use. Agree?"** is displayed.
- To fully charge the battery, place the handset on the base unit for 7 hours. For battery information, see page 20.

Confirm the charge indicator is on.

Please read joip Terms of Use. Agree?
YES   NO
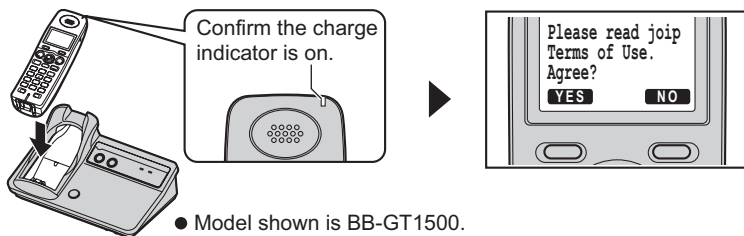
● Model shown is BB-GT1500.

6 Agree to the joip Terms of Use:
To use the joip IP line, read the Terms of Use for the joip services on the included leaflet or at www.joip.com then press **[YES]** (left soft key) while **"Please read joip Terms of Use. Agree?"** is displayed.

- To agree to the Terms of Use later, press **[NO]**. When you want to agree, press **[IP]** and wait until the display changes from **"Free calls! Plug internet cable. www.joip.com"** to **"Please read joip Terms of Use. Agree?"**. Press **[YES]** to agree to it.

7 Check for Internet access:
Wait until the STATUS indicator on the base unit turns green.

– When the STATUS indicator on the base unit lights in green, the installation is complete. Your joip number is displayed on the handset 1 (included with your base unit). Once you start operations with the handset, it disappears from the display (page 30).

– When the STATUS indicator on the base unit does not light in green even if you wait for a few minutes, see page 23.

Amber → Green

Your joip number

joip:#1001060429

MENU
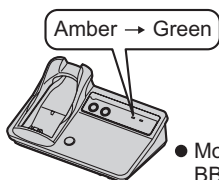
● Model shown is BB-GT1500.
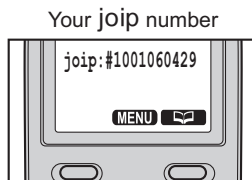
Note:

● 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.

● The unit will not work during a power failure. To use the landline, we recommend connecting a corded telephone to the same telephone line or to the same telephone line jack using a T-adaptor.

For DSL service users TEL▶

If the base unit is connected to a landline with DSL service, please attach a noise filter (contact your DSL provider) to the telephone line between the base unit and the telephone line jack in the event of the following:

– Noise is heard during conversations using the landline.

– Call Display features do not function properly for landline calls.

Noise filter   To single-line telephone jack (RJ11C)
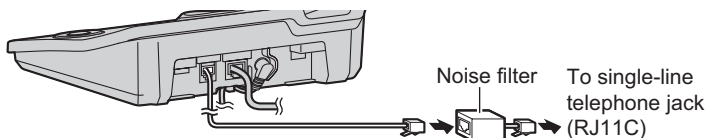
Connecting the AC adaptor (BB-GT1502)

● Use only the included Panasonic AC adaptor PQLV208.

(120 V AC, 60 Hz)

Bottom of the charger

Hooks

Hooks

Fasten the AC adaptor cord to prevent it from being disconnected.

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For product assistance, visit www.globarange.com
For joip assistance, visit www.joip.com
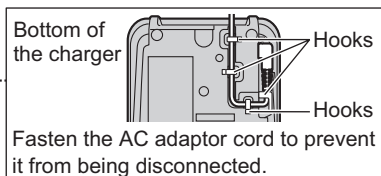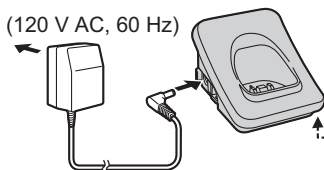
Battery charge

Battery charge

To fully charge the battery, place the handset on the base unit or charger for **7 hours**.

● While charging, the charge indicator on the handset lights in amber. When the battery is fully charged, the indicator lights in green.

Base unit
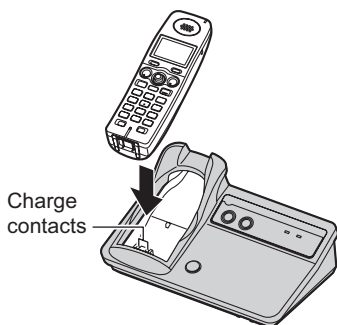
Charge contacts

● Model shown is BB-GT1500.

Charger

Available model:
BB-GT1502
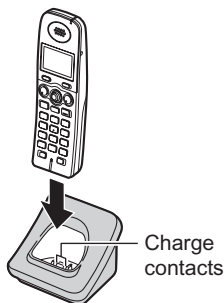
Charge contacts

Note:

● If you want to use the handset immediately, charge the battery for at least 15 minutes.

● To ensure that the battery charges properly, clean the charge contacts of the handset, base unit, and charger with a soft, dry cloth once a month. Clean more often if the unit is subject to the exposure of grease, dust, or high humidity.

Battery level

Battery icon	Battery level
🔋	Fully charged
🔋	Medium
🔋	Low Flashing: needs to be recharged.
🔋	Empty

Note:

● When the battery needs to be charged, the handset beeps intermittently during use.

Panasonic battery performance

Operation	Operating time
While in use (talking)	Up to 6 hours
While not in use (standby)	Up to 14 days
While using the clarity booster feature (page 33)	Up to 4 hours

Note:

● It is normal for the battery not to reach full capacity at the initial charge. Maximum battery performance is

reached after a few complete cycles of charge/discharge (use).

- Battery operating time may be shortened over time depending on usage conditions and surrounding temperature.
- Battery power is consumed whenever the handset is off the base unit or charger, even when the handset is not in use.
- After the handset is fully charged, displaying **"Charge completed"**, it may be left on the base unit or charger without any ill effect on the battery.
- The battery level may not be displayed correctly after you replace the battery. In this case, place the handset on the base unit or charger and let it charge for 7 hours.

Battery replacement

Important:

- Use only the rechargeable Panasonic battery noted on page 8.

Replace the old battery with a new one. See page 18, step 4.

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.

Download from Www.Somanuals.com. All Manuals Search And Download. 21
For product assistance, visit www.globarange.com
For joip assistance, visit www.joip.com

Understanding the indicators on the base unit

TEL indicator/IP indicator

The TEL indicator and IP indicator show the status of the landline and IP line, respectively, as follows.

Status	Meaning
Light off	The line is available.
Light on	The line is in use.[*1]
Flashing rapidly	A call is being received.
Flashing	A call is put on hold. The answering system is answering a call. (BB-GT1540) The IP indicator flashes when the base unit software is being downloaded from the joip service.

*1 **TEL** When another phone uses the same landline, the TEL indicator lights.

STATUS indicator

During the startup process you may notice that the STATUS indicator on the base unit is flashing. This indicates that the base unit is booting up with the joip service. You may find the following flash patterns helpful to you:

Status		Meaning
Colour	**Light pattern**	
Green	On	● The base unit is connected to the Internet. The startup process is complete and you may now make and receive joip internet calls.
	Flashing	● The base unit is downloading data from the joip service. Do not disconnect the Ethernet cable or AC adaptor from the base unit until the STATUS indicator stops flashing and lights in steady green.
Red	On	● When the base unit is turned on, the STATUS indicator lights in red for about 3 seconds.
	Flashing	● The base unit is registering a handset.
	Flashing rapidly	● The base unit is paging handsets. (BB-GT1500/BB-GT1502)

Status		Meaning
Colour	**Light pattern**	
Amber	On	• The base unit's IP address may conflict with the IP addresses of other devices on your local network. Check the base unit's static IP address using the handset: **[MENU]** → **[♯][5][0][1]**, then check the IP addresses of the other devices on your local network. If necessary, change the base unit's static IP address (page 29).
	Flashing	• The base unit is obtaining an IP address or is obtaining configurations from the joip service. Please wait. • The base unit is registering with the joip service. Please wait. • If the STATUS indicator continues flashing, check the following: – Check the base unit's IP address using the handset: **[MENU]** → **[♯][5][0][1]** If necessary, change the base unit's static IP address (page 29). – If an IP address was not acquired, check your network devices' (router, modem, etc.) connections. If the connections are made properly but the problem persists, check your network devices' (router, modem, etc.) settings. – Many installation issues can be resolved by resetting all the equipment. First, shut down your modem, router, base unit, and computer. Then turn the devices back on one at a time in this order: modem, router, base unit, computer. – If you cannot access Internet Web pages using your computer, check to see if your Internet service provider is having connection issues in your area. – For more troubleshooting help, visit www.joip.com or contact the joip service provider.
	Flashing rapidly	• Unplug the base unit's AC adaptor to reset the unit, then reconnect the AC adaptor. If the STATUS indicator is still flashing rapidly, there may be a problem with the base unit hardware. Contact Panasonic service personnel.

For product assistance, visit www.globarange.com
For joip assistance, visit www.joip.com

Status		Meaning
Colour	Light pattern	
OFF	—	• The power on the base unit is off. • To use the joip IP line, you need to agree to the Terms of Use for the joip services using the handset (page 18). • The Ethernet cable is not connected properly. Connect it. • Your network devices (hub, router, etc.) are turned off. Check the LEDs for the link status of the devices.

Displays

Base unit display items

Available model:
BB-GT1540

Displayed item	Meaning
$\cancel{\varphi}$T	Base unit ringer for landline is off (page 56).
$\cancel{\varphi}$IP	Base unit ringer for IP line is off (page 56).
ε	Greeting or voice memo recording error (page 59, 61)
Example: $H \ 1$	Handset number: displayed when paging, or being paged (example shown here: handset 1).
H	Paging all handsets (page 69)
TEL	Landline is selected for the answering system or ringer setting (page 56, 58). When flashing: the answering system is answering a landline call or playing a message on the landline (page 59).

Displayed item	Meaning
IP	IP line is selected for the answering system or ringer setting (page 56, 58). When flashing: the answering system is answering an internet call or playing a message on the IP line (page 59).
P	Base unit is in programming mode (page 42).

Handset display items

Displayed item	Meaning
$\oplus$	Alarm is on (page 55).
Ψ	Within range of the base unit
Ψ	Handset has no link to base unit (out of range of base unit, handset is not registered to base unit, or no power on base unit).
$\boxed{\text{III}}$	Battery level
TEL	Landline is in use.[*1] When flashing: – a landline call is on hold. – the answering system is answering a landline call.[*2] When flashing rapidly: a landline call is being received.

Displayed item	Meaning
IP	IP line is used. When flashing: – an internet call is on hold. – the answering system is answering an internet call.[2] When flashing rapidly: an internet call is being received.
🕪	Speaker is on.
PRIV.	Call Privacy mode is on (page 34).
Example: **1**	The handset's extension number (example shown here: handset 1)
⚠T	Handset ringer for landline is off (page 52).
⚠IP	Handset ringer for IP line is off (page 52).
⚠IP T	Handset ringers for landline and IP line are off (page 52).
✉	joip text message is protected (page 73).

*1 **TEL** When another phone uses the same landline, **TEL** is displayed.
*2 BB-GT1540

Handset menu icons

When in standby mode, pressing down on the centre of the joystick (**[MENU]**) reveals the handset's main menu. From here you can access various features and settings.

Menu icon	Menu/feature
joip	**joip** (For joip services)
oo	**Answering device** (BB-GT1540)
📖	**Phonebook** (BB-GT1500/BB-GT1502)
♪	**Ringer settings**
🕒	**Set date & time**
🔧	**Initial settings**
?☺	**Customer support**

Setting the unit before use

Important:

- To program features by scrolling through the display menus, see page 47.
- Mainly the direct command method is used in these operating instructions.

Display language 🔊

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

1. **[OFF]** → **[MENU]** → **[♯][1][1][0]**
2. **[▼]/[▲]**: Select the desired setting.
3. Press down the centre of the joystick to save. → **[OFF]**

Voice guidance language 🔊

Available model:
BB-GT1540

You can select either **"English"** or **"Français"** as the voice guidance language of the answering system (page 62). The default setting is **"English"**.

1. **[MENU]** → **[♯][1][1][2]**
2. **[▼]/[▲]**: Select the desired setting.
3. **[SAVE]** → **[OFF]**

Dialing mode **TEL** 🔊

If you cannot make landline calls, change this setting according to your landline 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]**

Date and time 🔊

Set the correct date and time so that:

- You can use the alarm function (page 55).
- The unit will announce the day and time a message was recorded when you play back on the answering system (page 59). (BB-GT1540)

1. **[MENU]** → **[♯][1][0][1]**
2. Enter the current month, date, and year by selecting 2 digits for each.
   Example: August 15, 2007
   [0][8] [1][5] [0][7]
3. Enter the current hour and minute (12-hour clock format) by selecting 2 digits for each.
   Example: 9:30
   [0][9] [3][0]
4. **[AM/PM]**: Select **"AM"** or **"PM"**.
5. **[SAVE]** → **[OFF]**

Note:

- When English is selected as the display language, the 12-hour clock format is used. When French is selected, the 24-hour clock format is used.
- If you make a mistake when entering the date and time, push the joystick right, left, up, or down to move the cursor, then make the correction.

IP/TEL line selection

The line selection mode determines the line selected when you press **[⇜]** to make a call.

– **"IP"**: IP line is selected.
– **"TEL"** (default): Landline is selected. If you dial a joip number (page 4) then press **[⇜]** using the handset, the IP line is automatically selected.

Note:
● You can select a line manually regardless of the line selection mode by pressing **[TEL]** or **[IP]**.

Handset line selection *📖*

1 **[MENU]** → **[♯][2][5][0]**
2 **[▾]/[▴]**: Select the desired setting.
3 **[SAVE]** → **[OFF]**

Note:
● When you press **[CALL]** to make a call (page 31), the set line is selected. When you call back from the redial list or caller list, the line indicated by **🔲** (landline) or **🔢** (IP line) is selected (page 31, 46, 60).

Base unit line selection *📖*

Available model:
BB-GT1540

1 **[MENU]** → **[♯][✱][2][5][0]**
2 **[▾]/[▴]**: Select the desired setting.
3 **[SAVE]** → **[OFF]**

Configuring the Internet connection settings

If your local network uses a DHCP (Dynamic Host Configuration Protocol) server for automatic IP address assignments, you do not need to change any settings. If your local network uses a static IP address, turn the DHCP connection mode off.

Leaving the DHCP connection mode on allows the base unit to receive an IP address automatically from a DHCP server on your local network.

Automatic setup (default) *📖*

The base unit automatically obtains an IP address and other Internet connection settings (subnet mask, default gateway, and DNS server addresses).

Turning the DHCP connection mode on:

1 **[MENU]** → **[♯][5][0][0]**
2 **[▾]/[▴]**: **"On"**
3 **[SAVE]** → **[OFF]**
    ● Wait until the STATUS indicator on the base unit turns green. When the STATUS indicator lights in green, the setting is complete. Confirm your joip number (page 30).
    ● When the STATUS indicator does not light in green even if you wait for a few minutes, see page 23.

Note:
● To view the Internet connection settings:
  [MENU] → **[♯][5][0][1]** →
  When finished, press **[OFF]**.

Static setup 🔋

If your local network does not use a DHCP server for automatic IP address assignments, turn the DHCP connection mode off first. Then set the static IP address and other Internet connection settings corresponding to your local network.

Turning the DHCP connection mode off:

1 **[MENU]** → **[♯][5][0][0]**
2 **[▼]/[▲]**: **"Off"**
3 **[SAVE]** → **[OFF]**

Setting the static IP address and other settings:

1 **[MENU]** → **[♯][5][0][1]**
2 Set the IP address and other settings.
   ● Push the joystick down **[▼]** or up **[▲]** to move between the following 5 items.

IP address	Enter the IP address in this data field.[*1] ● Set 4 numbers (0-255) separated by periods such as "192.168.0.253".
Subnet mask	Enter the subnet mask in this data field.[*1] ● Set 4 numbers (0-255) separated by periods such as "255.255.255.0".
Default gateway	Enter the default gateway address in this data field.[*1] ● Set 4 numbers (0-255) separated by periods such as "192.168.0.1".

DNS1 (DNS server 1) DNS2 (DNS server 2)	Enter the DNS (Domain Name System) server addresses in each data field.[*1] ● Set 4 numbers (0-255) separated by periods such as "172.23.0.100".

● To move the cursor, push the joystick right **[►]** or left **[◄]**.
  To correct digits, press **[CLEAR]**.

*1 There are some restrictions on these entries. For example, "0.0.0.0" and "255.255.255.255" are not available.

3 **[SAVE]** → **[OFF]**
   ● Wait until the STATUS indicator on the base unit turns green. When the STATUS indicator lights in green, the setting is complete. Confirm your joip number (page 30).
   ● When the STATUS indicator does not light in green even if you wait for a few minutes, see page 23.

Confirming your joip numbers 📱

After the installation is complete (page 17, 28), the unit is registered to the service and you receive your joip number. The joip number is displayed on handset 1 (included with the base unit). Once you start operations with the handset, it disappears from the display. You can also view your joip number using any handset as follows.

1 **[MENU]** → **[♯][1][0][3]**
   - The joip number is displayed.
   - To view additional phone number(s) for the IP line, push the joystick down **[▼]** or up **[▲]**.[*1]

2 **[OFF]**

[*1] To receive calls via the IP line from landline phones or cellular phones, you need to specially subscribe for additional phone number(s) from joip at www.joip.com (page 4).

Making calls

Important:

- You can choose the landline or IP line to make a call. Make sure to choose the appropriate line for the phone number.
- To call a Panasonic GLOBARANGE phone, dial the joip number consisting of the pound key (#) followed by 10 digits (page 4).

Using the handset 📱

1. Dial the phone number.
   - To correct a digit, press **[CLEAR]**.
2. To make a landline call, press **[TEL]**.
   To make a joip internet call, press **[IP]**.
3. When you finish talking, press **[OFF]** or place the handset on the base unit or charger.

Note:

- **[IP]** To make calls from your joip number to landline and cellular phone numbers via your IP line, you need to subscribe to the appropriate service at www.joip.com
   When calling, you may not hear ringtones from your receiver/speaker for more than 1 minute as the unit accesses the destination phone number. This is normal, please wait.
- You can also make a call by pressing **[CALL]** in step 2. The line set for line selection mode is automatically selected (page 28). When a joip number is dialed (page 4), the IP line is selected.
- **[IP]** If it takes some time to call the number in step 2, press **[♯]** to call it immediately.

Using the speakerphone

1. Dial the phone number, and press **[🔊]**.
   - The line set for line selection mode is automatically selected (page 28). When a joip number is dialed (page 4), the IP line is selected.
   - Speak alternately with the other party.
2. When you finish talking, press **[OFF]**.

Note:

- Use the speakerphone in a quiet environment.
- To switch to the receiver, press **[🔊]**.

Adjusting the receiver/speaker volume

Push the joystick up or down while talking.

Making a call using the redial list

The last 10 phone numbers dialed are stored in the redial list (each 48 digits max.). 📞 (landline) and 📶 (IP line) indicate which line you made the call on.

1. **[REDIAL]**
2. **[▼]/[▲]**: Select the desired phone number.
3. Press **[CALL]**.
   - The indicated line is selected.
   - You can also select the line by pressing **[TEL]** or **[IP]**.

Note:

- The caller's name is not stored in the redial list when calling back a number from the caller list.

Erasing a number in the redial list

1. **[REDIAL]**

2 **[▼]/[▲]**: Select the desired phone number.

3 **[ERASE]** → **[▼]/[▲]**: **"Yes"** → **[SELECT]** → **[OFF]**

PAUSE button

A pause is sometimes required when making calls, for example 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 41).

For example, if you need to dial the line access number "9" when making outside calls with a PBX:

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

2 **[TEL]**

Note:

● A 3.5 second pause is inserted each time **[PAUSE]** is pressed. Press repeatedly to insert longer pauses.

Handset LCD backlight

The handset's LCD backlight colour changes as follows.

Colour	Meaning
Green	Landline is used.
Amber	IP line is used.

Answering calls

Using the handset 📱

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

1 To answer the landline call, press **[TALK]**, **[TEL]**, or **[📢]**.
To answer the joip internet call, press **[TALK]**, **[IP]**, or **[📢]**.

● You can also answer the call by pressing any dial key from **[0]** to **[9]**, **[✶]**, or **[♯]**. **(Any key talk feature)**

2 When you finish talking, press **[OFF]**.

Note:

● You can change the ringer indicator colour and the ringer tone (page 52, 54). You can also adjust the handset ringer volume (page 52).

Auto talk

This feature allows you to answer a call by simply lifting the handset off the base unit or charger. You do not need to press **[TALK]**, **[TEL]**, or **[IP]**. To activate this feature, see page 51.

Temporary ringer off

While the handset is ringing for an outside call, you can turn the ringer off temporarily by pressing **[✗]** or **[OFF]**.

Useful features during a call

HOLD button 📱

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

Press **[HOLD]** 2 times during an outside call.

● To release hold, press **[TEL]** or **[IP]**.
● A user of another unit can take the call by pressing **[TEL]** or **[IP]**.

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.

● **TEL** If another phone is connected to the same line (page 19), you can also take the call by lifting its handset.

MUTE button *

While mute is turned on, you can hear the other party, but the other party cannot hear you.
To mute your voice, press **[MUTE]**.

● To return to the conversation, press **[MUTE]**.

Note:

● **[MUTE]** is a soft key visible on the handset display during a call.
● When this feature is turned on, **[MUTE]** flashes.

FLASH button *

TEL
Pressing **[FLASH]** allows you to use 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 56.

IP
Pressing **[FLASH]** allows you to use optional services from joip. Visit www.joip.com or contact the joip service provider for details.

Making another call on the IP line:
While you are talking with an outside caller, you can make a 2nd call on the same line by pressing **[FLASH]** then dialing.

● The 1st call is put on hold.
● To hang up the 2nd call, press **[OFF]**. The alarm tone starts to sound. Press **[IP]** to talk with the 1st caller again. If you do not press **[IP]**, the alarm tone sounds for 1 minute and the 1st call is disconnected.

You can combine the calls to make a conference call by pressing **[FLASH]** again after the 2nd call is connected.

● To hang up the 2nd call and talk with the 1st caller, press **[FLASH]**.
● To hang up both lines, press **[OFF]**.

For Call Waiting service users *

Call Waiting service is provided by your landline service provider and joip.
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. Press **[CALL WAIT]** to answer the 2nd call.

● To switch between calls, press **[CALL WAIT]**.

Note:

● **TEL** Please contact your landline service provider for details.
● **IP** Please visit www.joip.com or contact the joip service provider for details.

Temporary tone dialing (for rotary/pulse service users) **TEL** *

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. You can also turn this feature on or off manually.

1 Press **[MENU]** during an outside call.

2 Press **[3]** to select **"Booster on"** or **"Booster off"**.

Note:
● When this feature is turned off manually during a call, it does not automatically turn on again during the same call.
● While this feature is turned on:
  – the battery operating time is shortened (page 20)
  – the maximum number of extensions that can be used at a time may decrease

Call share 🎵

This feature allows you to join an existing outside call.
When another unit is on an outside call, press **[TEL]** or **[IP]** to select the line that is being used for the call.

Note:
● Multiple parties can join a conference call. The possible number of participating parties depends on the current system usage. When another participating party cannot join a conversation, the busy tone sounds and the handset displays **"Busy"**.

Call privacy 🎵

Call privacy allows you to prevent other users from joining your conversations with outside callers. To allow other users to join your conversations, leave this feature off.

1 Press **[MENU]** during an outside call.

2 Press **[2]** to select **"Privacy on"** or **"Privacy off"**.

● When this feature is turned on, "PRIV." is displayed.

Note:
● This feature will turn off after you hang up the call.

Using the other line, conference call 🎵

When a call is being received on the other line during a conversation, the interrupt tones sound.
You can answer the 2nd call while holding the 1st call. You can also combine the landline call and internet call to make a conference call.
Example: If you are using the landline

1 Press **[HOLD]** 2 times to put the 1st call (landline) on hold.

2 Press **[IP]** to make or answer a 2nd call.
  ● To hold the 2nd call, press **[HOLD]** 2 times.

3 **To hang up the 2nd call and return to the 1st call (landline):** Press **[TEL]**.
   To make a conference call: Press **[CONF]**.
  ● To hang up only one line, press **[TEL]** or **[IP]** for the party with which you want to continue talking.
  ● To put both lines on hold, press **[HOLD]**. To talk with only one caller, press **[TEL]** or **[IP]** for the party with which you want to continue talking. To resume both lines, press **[CONF]**.

Note:
● If you subscribe to the Call Display service, the 2nd caller's information is displayed as the call is being received (page 43).
● To turn the interrupt tone off, see page 51.

Making calls

Important:

- You can choose the landline or IP line to make a call. Make sure to choose the appropriate line for the phone number.
- To call a Panasonic GLOBARANGE phone, dial the joip number consisting of the pound key (#) followed by 10 digits (page 4).

Using the base unit

Available model:
BB-GT1540

1 To make a landline call, press **[TEL]**.
   To make a joip internet call, press **[IP]**.
   - You can also make a call by pressing **[📢]**. The line set for line selection mode is automatically selected (page 28).

2 Dial the phone number.

3 When the other party answers, speak into the MIC.
   - Speak alternately with the other party.

4 When you finish talking, press **[📢]**.

Note:

- Use the speakerphone in a quiet environment.
- **[IP]** To make calls from your joip number to landline and cellular phone numbers via your IP line, you need to subscribe to the appropriate service at www.joip.com
   When calling, you may not hear ringtones from your speaker for more than 1 minute as the unit accesses the destination phone number. This is normal, please wait.
- **[IP]** If it takes some time to call the number in step 2, press **[♯]** to call it immediately.
- While on a call, you can switch from the base unit to the handset:
   – Press **[TEL]** or **[IP]** on the handset, then press **[📢]** 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
Press **[TEL]** or **[IP]**. → **[REDIAL]**

Answering calls

Using the base unit

Available model:
BB-GT1540

When a call is being received, the TEL indicator or IP indicator flashes rapidly.

1 **[📢]**
   - You can also answer the call by pressing the flashing **[TEL]** or **[IP]**.

2 Speak into the MIC.

3 When you finish talking, press **[📢]**.

Useful features during a call

Available model:
BB-GT1540

HOLD button 🔲

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

Press **[HOLD]** during an outside call.

● To release hold, press the flashing **[TEL]** or **[IP]**.
● A handset user can take the call by pressing **[TEL]** or **[IP]**.

Note:

● While an outside call is on hold, the TEL indicator or IP indicator on the base unit 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.
● **TEL** If another phone is connected to the same line (page 19), you can also take the call by lifting its handset.

MUTE button 🔲

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

To mute your voice, press **[MUTE]**.

● To return to the conversation, press **[MUTE]** or **[🕼]**.

FLASH button 🔲

TEL
Pressing **[FLASH]** allows you to use 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 56.

IP
Pressing **[FLASH]** allows you to use optional services from joip. Visit www.joip.com or contact the joip service provider for details.

Making another call on the IP line:
While you are talking with an outside caller, you can make a 2nd call on the same line by pressing **[FLASH]** then dialing.

● The 1st call is put on hold.
● To hang up the 2nd call, press **[🕼]**. The alarm tone starts to sound. Press **[IP]** to talk with the 1st caller again. If you do not press **[IP]**, the alarm tone sounds for 1 minute and the 1st call is disconnected.

You can combine the calls to make a conference call by pressing **[FLASH]** again after the 2nd call is connected.

● To hang up the 2nd call and talk with the 1st caller, press **[FLASH]**.
● To hang up both lines, press **[🕼]**.

For Call Waiting service users 🔲

Call Waiting service is provided by your landline service provider and joip. 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. Press **[CALL WAIT]** to answer the 2nd call.

● To switch between calls, press **[CALL WAIT]**.

Note:

● **TEL** Please contact your landline service provider for details.

● **IP** Please visit www.joip.com or contact the **joip** service provider for details.

Temporary tone dialing (for rotary/pulse service users)
TEL ▶ 📠

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 📠

This feature allows you to join an existing outside call.

When a handset is on an outside call, press **[TEL]** or **[IP]** to select the line that is being used for the call.

Note:

● Multiple parties can join a conference call. The possible number of participating parties depends on the current system usage. When another participating party cannot join a conversation, the busy tone sounds.

Using the other line, conference call 📠

When a call is being received on the other line during a conversation, the interrupt tones sound.

You can answer the 2nd call while holding the 1st call. You can also combine the landline call and internet call to make a conference call.

Example: If you are using the landline

1 Press **[HOLD]** to put the 1st call (landline) on hold.

2 Press **[IP]** to make or answer a 2nd call.
   ● To hold the 2nd call, press **[HOLD]**.

3 **To hang up the 2nd call and return to the 1st call (landline):** Press **[TEL]**.
   To make a conference call: Press **[CONF]**.
   ● To hang up only one line, press **[TEL]** or **[IP]** for the party with which you want to continue talking.
   ● To put both lines on hold, press **[HOLD]**. To talk with only one caller, press **[TEL]** or **[IP]** for the party with which you want to continue talking. To resume both lines, press **[CONF]**.

Note:

● To turn the interrupt tone off, see page 51.

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For joip assistance, visit www.joip.com
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Making internet calls using your cellular phone

Available model:
BB-GT1540

`IP`

Important:

● To use this feature, you need an additional phone number for the IP line other than the joip number (page 4). If you do not have one, subscribe at www.joip.com

You can make internet calls with your cellular phone via the base unit. First, call your unit's answering system by dialing the additional phone number you subscribed at www.joip.com
Next, dial the phone number you want to call. You can make cheaper international calls, even while you are out.

Perform the following beforehand, otherwise you cannot use this feature.

– Set your own remote code of the answering system other than **"111"** (default) for security (page 64).

– Turn on the answering system for the IP line (page 58).

1 Dial the phone number you subscribed at www.joip.com

2 After the greeting message starts, enter your remote code of the answering system (page 64).

3 **[♯][9]**

4 After the dial tone sounds, dial the phone number you want to call. → **[♯]**

● The phone number is dialed via the IP line.

5 When you finish talking, hang up.

Note:

● The handset or base unit cannot join the call.

Turning this feature on or off

The default setting is ON. If you do not want to use this feature, you can turn it off using the base unit.
First press and hold **[STOP]**, then press and hold **[IP/TEL]**. Keep holding down both buttons until the base unit beeps.

● When turned on, one beep sounds.
● When turned off, 2 beeps sound.

Handset phonebook

You can add up to 100 items to the handset phonebook and search for phonebook items by name.

Important:

- Call Display subscribers can use ringer ID and light-up ID features (page 43).
- You can add and edit phonebook items by accessing your account on the joip website (www.joip.com), then downloading your web phonebook to the base unit. To import them to your handset, see page 72.

Adding items to the handset phonebook

1 **[⌂]**

2 **[ADD]**

3 Enter the name (max. 16 characters; see the character table, page 39). $\rightarrow$ **[OK]**

4 Enter the phone number (max. 32 digits). $\rightarrow$ **[OK]**

- If you do not need to assign the ringer ID and light-up ID, go to step 9.

5 **[▼]/[▲]**: **"Set Ringer ID"** $\rightarrow$ **[SELECT]**

6 **[▼]/[▲]**: Select the desired ringer ID (page 43). $\rightarrow$ **[OK]**

- When selecting **"No Ringer ID"**, the ringer tone set for the IP line rings (page 54).

7 **[▼]/[▲]**: **"Set Light-up ID"** $\rightarrow$ **[SELECT]**

8 **[▼]/[▲]**: Select the desired light-up ID (page 43). $\rightarrow$ **[OK]**

9 **[SAVE]**

- To add other items, repeat from step 3.

10 **[OFF]**

Note:

- In step 2, you can also press **[MENU]** $\rightarrow$ **[▼]/[▲]**: **"New entry"** $\rightarrow$ **[SELECT]** instead of pressing **[ADD]**.
- If you select **"No Ringer ID"** (default) in step 6, the handset uses the ringer tone you selected on page 54 when a call is received from that caller.
- If you select **"No Light-upID"** (default) in step 8, the handset uses the ringer indicator colour you selected on page 52 when a call is received from that caller.

Character table for entering names

Key	Character
[1]	# & ' ( ) $\ast$, − . / 1
[2]	a b c A B C 2
[3]	d e f D E F 3
[4]	g h i G H I 4
[5]	j k l J K L 5
[6]	m n o M N O 6
[7]	p q r s P Q R S 7
[8]	t u v T U V 8
[9]	w x y z W X Y Z 9
[0]	Space 0
[♯]	#

Note:

- To enter another character that is located on the same dial key, first push the joystick right to move the cursor to the next space.

Editing/correcting a mistake

Push the joystick left or right to move the cursor to the character or number you

want to erase, then press **[CLEAR]**. Enter the appropriate character or number.

Note:

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

Finding and calling a handset phonebook item

Important:

● Make sure to choose the appropriate line for the phone number to call.

Searching for a name alphabetically by scrolling through all items

1 **[ᗡ]** → **[SEARCH]**
2 **[▼]/[▲]**: Select the desired item.
3 To make a landline call, press **[TEL]**.
   To make a joip internet call, press **[IP]**.
   ● You can also make a call by pressing **[CALL]**. The line set for line selection mode is automatically selected (page 28).

Searching for a name by initial

1 **[ᗡ]** → **[SEARCH]**
2 Press the dial key (**[0]** – **[9]**, or **[♯]**) that corresponds to the first letter you are searching for (see the character table, page 39).

   Example: "LISA"
   Press **[5]** repeatedly to display the first phonebook entry starting with the initial **"L"** and go to step 3.

   ● If there is no item corresponding to the letter you selected, the next item is displayed.
3 Push the joystick down to select the desired item.

4 To make a landline call, press **[TEL]**.
   To make a joip internet call, press **[IP]**.
   ● You can also make a call by pressing **[CALL]**. The line set for line selection mode is automatically selected (page 28).

Editing items in the handset phonebook

1 **[ᗡ]** → **[SEARCH]**
2 Find the desired item (page 40). → **[EDIT]**
3 **[▼]/[▲]**: Select the information you want to change.

To change the name or phone number	Select the name or phone number. → **[SELECT]** → Edit the information (page 39). → **[OK]**
To change the ringer ID	Select the current ringer ID. → **[SELECT]** → **[▼]/[▲]**: Select the desired item.*1 → **[OK]** *1 To turn the ringer ID off, select **"No Ringer ID"**.
To change the light-up ID	Select the current light-up ID. → **[SELECT]** → **[▼]/[▲]**: Select the desired light-up ID.*1 → **[OK]** *1 To turn the light-up ID off, select **"No Light-upID"**.

4 **[SAVE]** → **[OFF]**

 For product assistance, visit www.globarange.com
For joip assistance, visit www.joip.com

Erasing items in the handset phonebook

Erasing an item

1   **[ ]** → **[SEARCH]**
2   Find the desired item (page 40).
3   **[MENU]** → **[▼]/[▲]**: **"Erase"** → **[SELECT]**
4   **[▼]/[▲]**: **"Yes"** → **[SELECT]** → **[OFF]**

Erasing all items

1   **[ ]** → **[MENU]**
2   **[▼]/[▲]**: **"Erase all items"** → **[SELECT]**
3   **[▼]/[▲]**: **"Yes"** → **[SELECT]**
4   **[▼]/[▲]**: **"Yes"** → **[SELECT]**
    ● When all items have been erased, **"All erased"** is displayed.
5   **[OFF]**

Chain dial

This feature allows you to dial phone numbers in the handset 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 handset phonebook, without having to dial manually.

1   During an outside call, press **[ ]**.
2   Find the desired item (page 40). → **[CALL]**

Note:

● When storing a calling card access number and your PIN in the phonebook as one phonebook item, press **[PAUSE]** to add pauses after the number and PIN as necessary (page 32).
● **[TEL]** If you have rotary/pulse service, you need to press **[ ]** before pressing **[ ]** in step 1 to change the dialing mode temporarily to tone.

Copying handset phonebook items

You can copy one or all of the phonebook items from one handset to another.

Important:

● Ringer ID and light-up ID for phonebook items are not copied.

Copying an item

1   **[ ]** → **[SEARCH]**
2   Find the desired item (page 40). → **[MENU]**
3   **[▼]/[▲]**: **"Copy"** → **[SELECT]**
4   **[▼]/[▲]**: Select the handset to copy to. → **[SEND]**
    ● When the item has been copied, **"Completed"** is displayed.
    ● To continue copying another item: **[▼]/[▲]**: **"Yes"** → **[SELECT]** → Find the desired item (page 40). → **[SEND]**
5   **[OFF]**

Copying all items

1   **[ ]** → **[MENU]**
2   **[▼]/[▲]**: **"Copy all items"** → **[SELECT]**
3   **[▼]/[▲]**: Select the handset to copy to. → **[SEND]**
    ● When all items have been copied, **"Completed"** is displayed.
4   **[OFF]**

Base unit speed dialer

Available model:
BB-GT1540

You can assign one phone number to each of the 10 dial keys (**[0]** – **[9]**) on the base unit.

Adding phone numbers to the speed dialer

Important:
● Before adding phone numbers, make sure the base unit is not being used.

1 **[PROGRAM]**

2 Enter the phone number (max. 32 digits).
 ● If a pause is required for dialing, press **[PAUSE]** where needed.
 ● If you misdial, press **[STOP]** and repeat from step 1.

3 **[PROGRAM]**

4 Press a dial key (**[0]** – **[9]**).

Note:
● If a phone number is assigned to a dial key which already contains a phone number, the old number will be erased.
● We recommend you make a note of which phone numbers are stored in which dial keys.
● When **[**✻**]** is pressed, "↳" is displayed.
 When **[♯]** is pressed, "☰" is displayed.

PAUSE button

A pause is sometimes required when making calls, for example using a PBX or long distance service. If you need to dial the line access number "9"

(example) when making landline calls with a PBX:
In step 2, press **[9]**, **[PAUSE]**, then enter the phone number.

Note:
● A 3.5 second pause is inserted each time **[PAUSE]** is pressed. Press repeatedly to insert longer pauses. "*P*" is displayed when **[PAUSE]** is pressed.

To erase a stored phone number

1 Press **[PROGRAM]** 2 times.

2 Press the desired dial key (**[0]** – **[9]**).

Calling someone with the speed dialer

Important:
● Make sure to choose the appropriate line for the phone number.

1 To make a landline call, press **[TEL]**.
 To make a joip internet call, press **[IP]**.

2 **[AUTO]**

3 Press the desired dial key (**[0]** – **[9]**).

Note:
● Speed dial numbers assigned to the base unit dial keys can only be dialed from the base unit.

Using Call Display service

This unit is Call Display compatible. To use Call Display features, you must subscribe to Call Display services offered by your landline service provider and the joip service provider.

Note:

● [TEL] Please contact your landline service provider for details.

● [IP] Please visit www.joip.com or contact the joip service provider for details.

Call Display features

[TEL]

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

● Generally caller information is displayed from the 2nd ring.

[IP]

When a call is received from a Panasonic GLOBARANGE phone, the calling party's joip number is displayed. If the caller sets to show the name at www.joip.com, it is 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:

– **"Private caller"**: The caller requested not to send caller information.

– [TEL] **"Unavailable Name & No."**: The caller dialed from an area which does not provide Call Display service.

– [TEL] **"Long distance"**: The caller called you long distance.

● [TEL] If the unit is connected to a PBX system, caller information may not be received properly. Consult your PBX supplier.

Missed calls

If a call is not answered, the unit treats the call as a missed call. **"Missed call"** is displayed on the handset. This lets you know if you should view the caller list to see who called while you were out. You can view the number of missed calls by pressing **[CID]**.

Note:

● If you press **[CID]**, then press **[OFF]** without viewing all missed calls in the caller list, **"Missed call"** disappears from the display. When you receive another new call, it is displayed again.

Custom name display

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

Ringer ID/Light-up ID

These features can help you identify who is calling by using different ringers and ringer indicator colours for different callers stored in the phonebook. You can assign a different ringer and indicator colour to each phonebook item. When a call is received from a caller stored in the phonebook, the assigned ringer rings and the assigned ringer indicator colour flashes after caller information is displayed.

If you select **"No Ringer ID"** (default) or **"No Light-upID"** (default), the handset uses the ringer tone or ringer indicator colour you selected (page 52,

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54) when a call is received from that caller.

Visual Call Waiting service

If you subscribe to both Call Display and Visual Call Waiting services, the 2nd caller's information is displayed after you hear a Call Waiting tone (page 33).

Note:

● [TEL] Please contact your landline service provider for details and availability of this service in your area.

● [IP] Please visit www.joip.com or contact the joip service provider for details.

For Call Waiting Deluxe service users [TEL]

To use Call Waiting Deluxe, you must subscribe to Call Waiting Deluxe service of your landline service provider.
This feature not only allows your handset to display the 2nd caller's information, but also offers you a variety of ways to deal with the 2nd call.

Important:

● Please contact your landline service provider for details and availability of this service in your area.

● This feature must be turned on before it can be used.

To turn Call Waiting Deluxe on/off

To use Call Waiting Deluxe, you must turn this feature on. The default setting is **"Off"**.

1 **[MENU]** → **[#][2][1][5]**
2 **[v]/[▲]**: Select the desired setting.
3 **[SAVE]** → **[OFF]**

Call Waiting Deluxe service options

When a 2nd call is received, you can choose how to handle the call by selecting an option shown on the handset display.

Note:

● Your landline service provider may not offer all of the options (page 44).

Displayed option	Function
Answer	Answers the waiting call, while keeping the 1st call on hold.
Hold	Holds the waiting call. The caller will hear the prerecorded hold message played by your landline service provider.
Announcement	The caller will hear the prerecorded busy message played by your landline service provider (for example, "*We are not available now.*") and will then be disconnected.
Forward	Forwards the waiting call to the Voice Mail service provided by your landline service provider. You must subscribe to Voice Mail service to use this function.

Displayed option	Function
Drop	Disconnects (drops) the current call and answers the waiting call.
Conference	Answers the waiting call and combines it with the current call to make a conference call (3-party call).
Return	Returns to the waiting caller while keeping the current call on hold.
Drop caller1	Disconnects (drops) the 1st call during a conference call.
Drop caller2	Disconnects (drops) the 2nd call during a conference call.

To use Call Waiting Deluxe service

1. When you hear a Call Waiting tone during an outside call, press **{FLASH}**.
   - The option menu is displayed.
2. **{v}**/**{∧}**: Select the desired option. → **{SELECT}**
   - After selecting **"Answer"**, **"Hold"**, or **"Conference"**, you can select another option. → **{FLASH}** → **{v}**/**{∧}**: Select the desired option. → **{SELECT}**

Note:
- To exit from the option menu, wait for 20 seconds.

Caller list

Important:
- Only 1 person can access the caller list at a time.

Viewing the caller list and calling back 🔋

1. **{CID}**
2. Push the joystick down to search from the most recent call, or push the joystick up to search from the oldest call.
3. To call back, select the indicated line by pressing **{TEL}** or **{IP}**.
   To exit, press **{OFF}**.

Note:
- 🔳 (landline) and 📕 (IP line) indicate which line the caller information was received from.
- A ✔ is displayed for caller information which has already been viewed or answered by any handset.

Editing a caller's phone number before calling back
{TEL} 🔋

You can edit a phone number in the caller list by adding the long distance code "1" or removing its area code.

1. **{CID}**
2. **{v}**/**{∧}**: Select the desired item.
3. Press **{EDIT}** repeatedly until the phone number is shown in the desired format.

   ① 1 – Area code – Local phone number

   Example:
   | 1-555-321-5555 🔳 |

② Local phone number

Example:

| 321-5555 | ☎ |

③ Area code – Local phone number

Example:

| 555-321-5555 | ☎ |

4 **[TEL]**

Note:

● The number edited in step 3 will not be saved in the caller list.

Editing a caller's phone number before calling back **IP** ☐

You can edit a phone number in the caller list.

1 **[CID]**

2 **[▼]/[▲]**: Select the desired item. →
   [EDIT]

3 Add or erase digits to the beginning of the number as necessary.

● To add a digit, press the desired dial key.

● To erase a digit, press **[CLEAR]**.

4 Press **[CALL]** or **[IP]**.

Note:

● **[EDIT]** is not displayed for joip numbers. They are not necessary to be edited.

● The edited phone number is not saved in the caller list.

Storing caller information into the handset phonebook ☐

1 **[CID]**

2 **[▼]/[▲]**: Select the desired item.

● **TEL** To edit the number, press **[EDIT]** repeatedly until the phone

number is shown in the desired format (page 45).

3 **[SAVE]**

● To change the information, perform step 3, "Editing items in the handset phonebook", page 40.

4 **[SAVE]** → **[OFF]**

Erasing caller information ☐

Erasing a selected item

1 **[CID]**

2 **[▼]/[▲]**: Select the desired item.

3 **[ERASE]** → **[▼]/[▲]**: **"Yes"** →
   [SELECT] → **[OFF]**

Erasing all items

1 **[CID]**

2 **[ERASE]** → **[▼]/[▲]**: **"Yes"** →
   [SELECT]

Programmable settings

Handset

You can customize the unit by programming the following features.
To access the features, there are 2 methods:
– scrolling through the display menus (page 47)
– using the direct commands (page 51)

Base unit

To change the base unit ringer volume and tone, see page 56 and page 57. (BB-GT1540)

Programming by scrolling through the display menus *📞*

1 **{MENU}**
2 Push the joystick up **{▲}**, down **{▼}**, left **{◄}**, or right **{►}** to select the desired menu. → **{SELECT}**
   ● If there are sub-menu(s), push the joystick down **{▼}** or up **{▲}** to select the desired item. → **{SELECT}**
3 Push the joystick down **{▼}** or up **{▲}** to select the desired setting. → **{SAVE}**
   ● This step may vary depending on the feature being programmed.
4 **{OFF}**

BB-GT1500/BB-GT1502

Main menu	Sub-menu 1	Sub-menu 2	Page
joip **joip**	**joip service**	–	74
	joip message	–	73
	My joip numbers	–	30
	joip settings	**DHCP**[*1]	28
		IP settings[*1]	29
		joip MSG alert	74
Phonebook 📖	–	–	39
Ringer settings ♪	**Ringer volume**	–	–
	Ringer tone	–	54
	Import ringtone	–	72
	Interrupt tone	–	–
	Ring colour	–	–

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Main menu	Sub-menu 1	Sub-menu 2	Page
Set date & time ⏱	Date and time[*1]	–	27
	Alarm	–	55
	Time adjustment[*1]	–	–
Initial settings ⚲	Auto Intercom	–	68
	LCD contrast	–	–
	Key tone	–	–
	Auto talk	–	32
	Message alert	–	67
	IP/TEL select	–	28
	Set tel line	VM tone detect[*1]	67
		Set dial mode[*1]	27
		Set flash time[*1]	56
		Set line mode[*1]	–
		C.WTG options[*1]	44
	Registration	HS registration	76
		Deregistration	77
	Handset name	–	55
	Change language	–	27
Customer support ?⊕	Web site	–	52
	Software version[*1]	–	56

*1 If you program these settings using one of the handsets, you do not need to program the same item using another handset.

BB-GT1540

Main menu	Sub-menu 1	Sub-menu 2	Page
joip **joip**	**joip service**	–	74
	joip message	–	73
	My joip numbers	–	30
	joip settings	**DHCP**[*1]	28
		IP settings[*1]	29
		joip MSG alert	74
Answering device **OO**	**Play new msg.**	–	60
	Play all msg.	–	60
	Erase all[*1]	–	61
	Settings	**Ring count**[*1]	64
		Recording time[*1]	65
		Remote code[*1]	64
		Call screening[*1]	65
Ringer settings **♪**	**Ringer volume**	–	–
	Ringer tone	–	54
	Import ringtone	–	72
	Interrupt tone	–	–
	Ring colour	–	–
Set date & time **⏲**	**Date and time**[*1]	–	27
	Alarm	–	55
	Time adjustment[*1]	–	–

Main menu	Sub-menu 1	Sub-menu 2	Page
Initial settings ⚲	**Auto Intercom**	–	68
	LCD contrast	–	–
	Key tone	–	–
	Auto talk	–	32
	Message alert	–	65, 67
	IP/TEL select	–	28
	Set base unit	**Interrupt tone**[*1]	–
		IP/TEL select[*1]	28
	Set tel line	**VM tone detect**[*1]	67
		Set dial mode[*1]	27
		Set flash time[*1]	56
		Set line mode[*1]	–
		C.WTG options[*1]	44
	Registration	**HS registration**	76
		Deregistration	77
	Handset name	–	55
	Change language	**Display language**	27
		Voice prompt[*1]	27
Customer support ?⊕	**Web site**	–	52
	Software version[*1]	–	56

*1 If you program these settings using one of the handsets, you do not need to program the same item using another handset.

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Programming using the direct commands *📱*

1 **[MENU]** → **[♯]**

2 Enter the desired feature code.

3 Enter the desired setting code. → **[SAVE]**

● This step may vary depending on the feature being programmed.

4 **[OFF]**

Note:

● In the following table, < > indicates the default setting.

● If you make a mistake or enter the wrong code, press **[OFF]**, then start again from step 1.

Feature	Feature code	Setting code	Page
Alarm	**[7][2][0]**	–	55
Auto Intercom	**[2][7][3]**	**[1]**: On (Ringer On) **[2]**: On (Ringer Off) **[0]**: <Off>	68
Auto talk[*1]	**[2][0][0]**	**[1]**: On **[0]**: <Off>	32
Display language	**[1][1][0]**	**[1]**: <English> **[2]**: Français	27
Date and time[*2]	**[1][0][1]**	–	27
Deregistration	**[1][3][1]**	–	77
Handset name	**[1][0][4]**	–	55
HS registration (Handset registration)	**[1][3][0]**	–	76
Interrupt tone[*3] (Handset)	**[2][0][1]**	**[1]**: <On> **[0]**: Off	–
Interrupt tone[*2*3] (BB-GT1540 base unit)	**[*][2][0][1]**		–
IP/TEL select (Handset)	**[2][5][0]**	**[1]**: IP **[2]**: <TEL>	28
IP/TEL select[*2] (BB-GT1540 base unit)	**[*][2][5][0]**		28
Key tone[*4]	**[1][6][5]**	**[1]**: <On> **[0]**: Off	–
LCD contrast (Display contrast)	**[1][4][5]**	**[1]**-**[6]**: Level 1–6 <3>	–
Message alert	**[3][4][0]**	**[1]**: On **[0]**: <Off>	65, 67

Programming

Feature		Feature code	Setting code	Page
Ring colour (Ringer indicator colour)		**[2][3][5]**	**[1]**: **<Colour1>** **[2]**: **Colour2** **[3]**: **Colour3** **[4]**: **Multicolour**	–
Ringer tone (Handset)	IP	**[1][6][1][1]**	**[1]**-**[3]**: Tone 1-3 **[4]**-**[6]**: Melody 1-3 **[7]**: **Demo**[*5] **IP**: **<Tone 2>** **TEL**: **<Tone 1>**	54
	TEL	**[1][6][1][2]**		
Ringer volume (Handset)	IP	**[1][6][0][1]**	**[1]**-**[6]**: Level 1–6 **<6>** **[0]**: **Off**	–
	TEL	**[1][6][0][2]**		
Web site[*6] (Customer support)		**[6][8][0]**	**www.globarange.com**	–

*1 If you subscribe to Call Display service and want to view the caller's information after lifting up the handset to answer a call, turn off this feature.
*2 If you program these settings using one of the handsets, you do not need to program the same item using another handset.
*3 This tone lets you know when you receive a call while you are on the other line, on an intercom call, or monitoring a room. The tone sounds 2 times.
*4 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.
*5 The preset song **"Demo"** in this product is used with the permission of © 2006 Copyrights Vision Inc.
*6 The handset can display the Internet address where you can get further information for this product using your computer.

For landline TEL▶

Feature	Feature code	Setting code	Page
`C.WTG options`[*1] (Call Waiting options)	`[2][1][5]`	`[1]`: `On` `[0]`: `<Off>`	44
`Set dial mode`[*1]	`[1][2][0]`	`[1]`: `Pulse` `[2]`: `<Tone>`	27
`Set flash time`[*1]	`[1][2][1]`	–	56
`Set line mode`[*1 *2]	`[1][2][2]`	`[1]`: `A` `[2]`: `<B>`	–

`Time adjustment`[*1 *3]
(Call Display subscribers only)
	`[2][2][6]`	`[1]`:
		`<Caller ID[auto]>`
		`[2]`: `Manual`
			–

`VM tone detect`[*1] (Voice Mail tone detect)	`[3][3][2]`	`[1]`: `<On>` `[0]`: `Off`	67

*1 If you program these settings using one of the handsets, you do not need to program the same item using another handset.
*2 Generally, the line mode setting should not be adjusted. If TEL is not displayed on the handset or the TEL indicator on the base unit does not light properly when another phone connected to the same line is in use, you need to change the line mode to **"A"**.
*3 This feature allows the unit to automatically adjust the date and time setting when caller information from your landline service is received. To use this feature, set the date and time first.

For IP line IP▶

Feature	Feature code	Setting code	Page
`DHCP`[*1]	`[5][0][0]`	`[1]`: `<On>` `[0]`: `Off`	28
`Import ringtone`	`[1][7][0]`	–	72
`IP settings`[*1]	`[5][0][1]`	–	29
`joip message`	`[3][6][0]`	–	73
`joip MSG alert` (joip message alert)	`[3][6][1]`	`[1]`: `<On>` `[0]`: `Off`	74
`joip service`	`[5][3][0]`	–	74
`My joip numbers`	`[1][0][3]`	–	30
`Software version`[*1]	`[7][2][4]`	–	56

*1 If you program these settings using one of the handsets, you do not need to program the same item using another handset.

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For the answering system (BB-GT1540)

Feature		Feature code	Setting code	Page
`Call screening`[*1]		`[3][1][0]`	`[1]`: `<On>` `[0]`: `Off`	65
`Recording time`[*1]	IP	`[3][0][5]` → `[1]`	`[1]`: `1min` `[2]`: `2min` `[3]`: `<3min>`	65
	TEL	`[3][0][5]` → `[2]`		
`Remote code`[*1]		`[3][0][6]`	Default: `111`	64
`Ring count`[*1]	IP	`[2][1][1]` → `[1]`	`[2]`-`[7]`: Rings `<4 rings>` `[0]`: `Toll saver`[*2]	64
	TEL	`[2][1][1]` → `[2]`		
`Erase all`[*1] (Erasing all messages)		`[3][2][5]`	–	61
`Play all msg.` (All message playback)		`[3][2][4]`	–	60
`Play new msg.` (New message playback)		`[3][2][3]`	–	60
`Voice prompt`[*1] (Voice guidance language)		`[1][1][2]`	`[1]`: `<English>` `[2]`: `Français`	27

*1 If you program these settings using one of the handsets, you do not need to program the same item using another handset.

*2 **IP** Depending on the condition of your network connection, **"Toll saver"** may not be used for the IP line.

Adjusting the handset ringer tone 🎵

You can change the ringer tone heard when an outside call is received for each line. You can also assign the ringtone you have imported (page 72). The default setting for the IP line is **"Tone 2"** and for the TEL line is **"Tone 1"**.

1 **[MENU]** → **[♯][1][6][1]**
2 **[▼]**/**[▲]**: Select the desired line.
3 **[▼]**/**[▲]**: Select the desired setting.
4 **[SAVE]** → **[OFF]**

Note:

● **TEL** If you subscribe to a distinctive ring service, select a tone (tone 1 to 3). If you select a melody, you cannot distinguish lines by their ringers.

Alarm 📱

An alarm will sound for 3 minutes at the set time. Set the date and time beforehand (page 27).

1 **[MENU]** → **[♯][7][2][0]** → **[OK]**

2 **[▼]/[▲]**: Select the desired alarm mode. → **[SELECT]**

Off	Turns alarm off. Go to step 5.
Once	The alarm sounds once at the set time. Enter the desired date.
Daily	An alarm sounds daily at the set time.

3 Set the desired time. → **[OK]**

4 **[▼]/[▲]**: Select the desired ringer tone. → **[SELECT]**
  ● We recommend selecting a ringer tone different from the ringer tone set for incoming calls.

5 **[▼]/[▲]**: **"Save"** → **[SELECT]** → **[OFF]**

Note:
● To stop the alarm, press any dial key or place the handset on the base unit or charger.
● When the handset is in use, the alarm will not sound until the handset enters standby mode.
● If you are on a call, beeps will sound and ⏰ will flash at the set time. The alarm will not sound until you hang up.
● If you select **"Once"**, the setting will change to **"Off"** after the alarm sounds.
● The ringer volume for the alarm follows the higher volume level of the 2 lines (page 52).
● When the ringer volume is set to off for both lines, the handset rings at the low level for alarm.

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 **"Off"**. If you select **"On"** without entering any handset name, **"Handset 1"** to **"Handset 8"** is displayed.

1 **[MENU]** → **[♯][1][0][4]**

2 Enter the desired name (max. 10 characters; see the character table, page 39).
  ● If not required, go to step 3.

3 **[OK]**

4 **[▼]/[▲]**: Select the desired setting. → **[SAVE]** → **[OFF]**

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Setting the flash time TEL▶ 📱

The flash time depends on your telephone exchange or host PBX. Consult your PBX supplier if necessary. The default setting is **"700ms"**.

1 **[MENU]** → **[♯][1][2][1]**

2 **[▼]/[▲]**: Select the desired setting. → **[SAVE]** → **[OFF]**

Updating the base unit software 📱

joip may offer new features and improve its software version from time to time. If you set the base unit software update setting to manual mode at www.joip.com, you need to download the update when **"Update version. Press OK."** is displayed on the handset.

Important:

- Make sure the STATUS indicator is lit in green and the IP indicator is not lit on the base unit.

1 Press **[OK]** while **"Update version. Press OK."** is displayed.
   - The current and new base unit software versions are displayed.
   - If you want to download the update later, press **[CANCEL]**. When you are ready to download, see "Confirming the base unit software version", page 56.

2 **[OK]**

Note:

- The IP indicator and STATUS indicator on the base unit flash while downloading. When the download is complete, the IP indicator goes out while the STATUS indicator stops flashing and changes to steady green.

Confirming the base unit software version

1 **[MENU]** → **[♯][7][2][4]**
   - The current base unit software version is displayed.

2 If **"Update version?"** is displayed, press **[OK]** to download. If not, press **[CANCEL]**.

Adjusting the base unit ringer volume (BB-GT1540) 📟

1 Press **[IP/TEL]** repeatedly until the display shows the desired line (**IP** or **TEL**).
   - You cannot set the ringer volume for both lines at the same time.

2 Press **[▲]** or **[▼]** repeatedly to select the desired volume.
   - To turn the ringer off, press and hold **[▼]** until the unit beeps.
   - To stop ringing, press **[STOP]**.

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Setting the base unit ringer tone (BB-GT1540) ⊘✐

There are 3 tones and 3 melodies.

1 Press **{IP/TEL}** repeatedly until the display shows the desired line (**■ IP ■** or **■ TEL ■**).
   ● You cannot set the ringer tone for both lines at the same time.

2 **{▲}**

3 Within 10 seconds, press **{◄◄}** or **{▶▶}** repeatedly to select the desired tone.
   ● To stop ringing, press **{STOP}**.

Note:

● TEL▶ If you subscribe to a distinctive ring service, select a tone (tone 1 to 3). If you select a melody, you cannot distinguish lines by their ringers.

Answering system

Available model:
BB-GT1540

This unit contains an answering system which can answer and record calls for you when you are unavailable to answer the phone.

Important:

● Only 1 person can access the answering system at a time.

● When callers leave messages, the unit records the day and time of each message. Make sure the date and time have been correctly set (page 27).

Memory capacity

The total recording capacity (including caller messages and voice memos) is about 45 minutes.

A maximum of 99 messages can be recorded.

● If the message memory becomes full, **[▶]** on the base unit flashes rapidly. Erase unnecessary messages (page 60).

● When the message memory becomes full, the greeting message is different depending on your situation:

– If you use the prerecorded greeting message, the unit automatically switches to another prerecorded greeting message asking callers to call again later.

– If you recorded your own greeting message, the same message is still announced to callers even though their messages are not recorded.

Turning the answering system on ⚟

1 Press **[IP/TEL]** repeatedly until the display shows the desired line(s) (**IP** and/or **TEL**).

2 Press **[ANSWER ON]** to turn on the answering system.

● The ANSWER ON indicator lights.

Note:

● In standby mode, the display shows the line(s) set for the answering system (**IP** and/or **TEL**).

Turning the answering system off
Press **[ANSWER ON]**.

● The ANSWER ON indicator turns off.

Screening calls
While a caller is leaving a message, you can listen to the call through the base unit's speaker. To adjust the speaker volume, press **[▲]** or **[▼]** repeatedly.
To answer the call using the base unit, press the flashing **[TEL]** or **[IP]**.
To answer the call using the handset, press **[TEL]** or **[IP]**.

Note:

● To turn this feature off, see page 65.

Greeting message

When the unit answers a call, callers are greeted by a greeting message. You can record your own greeting message or use a prerecorded greeting message.

Recording your greeting message 〰

You can record your own greeting message (max. 2 minutes) that is played when the answering system answers a call.

The greeting messages can be recorded:
– separately for either the IP line or landline.
– for both the IP line and landline using a common greeting.

If you do not record a greeting message, a prerecorded greeting message is used.

1 Press **[IP/TEL]** repeatedly until the display shows the desired line(s) (**IP** and/or **TEL**).

2 **[GREETING REC]**

3 Within 10 seconds, press **[GREETING REC]** again.

4 After the base unit beeps, speak clearly about 20 cm (8 inches) away from the MIC.

5 To stop recording, press **[STOP]**.

Using a prerecorded greeting message

If you erase or do not record your own greeting message, the unit plays a prerecorded greeting message for callers and asks them to leave messages.

Playing back the greeting message 〰

1 Press **[IP/TEL]** repeatedly until the display shows the desired line(s) (**IP** and/or **TEL**).

2 **[GREETING CHECK]**

Erasing your greeting message 〰

1 Press **[IP/TEL]** repeatedly until the display shows the desired line(s) (**IP** and/or **TEL**).

2 Press **[GREETING CHECK]**, and then press **[ERASE]** while your greeting message is playing.

Listening to messages using the base unit

When new messages have been recorded, **[►]** on the base unit flashes. Press **[►]** (centre of navigator key).

● The base unit plays new messages including voice memos.
● When you have no new messages, the base unit plays back all messages.

Playing back messages for the desired line(s)

1 Press **[IP/TEL]** repeatedly until the display shows the desired line(s) (**IP** and/or **TEL**).

2 Press **[►]** (centre of navigator key).

Note:

● If you select the line(s), voice memos are not played (page 61).

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Operating the answering system

Key	Operation
[▲] or **[▼]**	Adjust the speaker volume (during playback)
[I◄◄]	Repeat a message (during playback)*1
[►►I]	Skip a message (during playback)
[STOP]	Pause a message – To resume playback, press **[►]** (centre of navigator key). – To stop playback completely, press **[STOP]** again.
[ERASE]	Erase message currently playing

*1 If pressed within the first 5 seconds of a message, the previous message is played.

Erasing all messages
Press **[ERASE]** 2 times while the unit is not being used.

● All messages including voice memos are erased.

Erasing all messages for the desired line(s)

1 Press **[IP/TEL]** repeatedly until the display shows the desired line(s) (*IP*   and/or   *TEL*   ).

2 Press **[ERASE]** 2 times.

Listening to messages using the handset

When new messages have been recorded:

– **"New message"** is displayed.
– The message indicator on the handset flashes slowly if the message alert feature is turned on (page 65).

1 **[MENU]** → **[PLAY]**
● The handset plays new messages including voice memos.
● When you have no new messages, the handset plays back all messages.

2 When finished, press **[OFF]**.

Note:

● You can also listen to the messages as follows:
   To play new messages:
   [MENU] → **[♯][3][2][3]**
   To play all messages:
   [MENU] → **[♯][3][2][4]**

● To switch to the receiver, press **[✆]**.

Calling back (Call Display subscribers only)

If caller information was received for the call, you can call the caller back while listening to the message.

1 Press **[SELECT]** during playback.
● **TEL** To edit the number before calling back, press **[EDIT]** repeatedly until the phone number is shown in the desired format (page 45).
● **IP** To edit the number before calling back, press **[EDIT]**. Then add or erase digits to the beginning of the number by pressing the desired dial key or **[CLEAR]**.

2 Press **[CALL]**.
- The indicated line is selected.
- You can also select the line by pressing **[TEL]** or **[IP]**.

Operating the answering system

You can also operate the answering system by pressing dial keys on the handset.

To use the following commands:
[MENU] → **[▼]/[▲]**: **"Answering device"** → **[SELECT]**

Key	Operation
Pushing the joystick up or down.	Adjust the receiver/speaker volume (during playback)
[1] or push the joystick left	Repeat message (during playback)*1
[2] or push the joystick right	Skip message (during playback)
[3]	Enter the **"Settings"** menu
[4]	Play new messages
[5]	Play all messages
[9] or **[STOP]**	Stop playback
[0]	Turn answering system off
[✱][4] or **[ERASE]**	Erase message currently playing
[✱][5]	Erase all messages
[♯][1][8]	Turn answering system on for IP line only
[♯][2][8]	Turn answering system on for landline only

Key	Operation
[♯][0][8]	Turn answering system on for both IP line and landline

*1 If pressed within the first 5 seconds of a message, the previous message is played.

Erasing all messages

1 **[MENU]** → **[♯][3][2][5]**

2 **[▼]/[▲]**: **"Yes"** → **[SELECT]**
- When all items have been erased, **"All erased"** is displayed.

3 **[OFF]**

Voice memo

Recording a voice memo 🗂

You can use the base unit to leave a voice memo (voice message) for yourself or someone else (max. 3 minutes). Voice memos can be played back later with the same operation used to play back answering system messages.

1 **[MEMO]**

2 After the unit beeps, speak clearly about 20 cm (8 inches) away from the MIC.

3 To stop recording, press **[STOP]**.

Remote operation

Using a touch tone phone, you can call your phone number from outside and access the unit to listen to messages. The unit's voice guidance prompts you to press certain dial keys to perform different operations.

Important:

● In order to operate the answering system remotely, you must first set a remote code (page 64). This code must be entered each time you operate the answering system remotely.

● To call the unit via the IP line from a landline phone or cellular phone, you need an additional phone number you subscribed at www.joip.com other than the joip number (page 4).

Using the answering system remotely

1. Dial your phone number from a touch tone phone.

2. After the greeting message starts, enter your remote code (page 64).
   ● The unit plays back new messages.
   ● The voice guidance informs you of the available commands. The announcements are different depending on the voice guidance language settings (page 27).

3. Control the unit using remote commands (page 63).

4. When finished, hang up.

Note:

● When you press a key, press firmly.

Voice guidance

During remote operation, the unit's voice guidance starts and prompts you to press **[1]** to perform a specific operation, or press **[2]** to listen to more available operations. Operations are presented by voice guidance in the following order:

– Play back all messages
– Play back new messages
– Record your message
– Erase all messages
– Record your greeting message

Note:

● If you do not press any dial keys within 10 seconds after a voice guidance prompt, the unit disconnects your call.

Remote commands

You can press dial keys to access certain answering system functions without waiting for the voice guidance to prompt you.

Key	Operation
[1]	Repeat message (during playback)*1
[2]	Skip message (during playback)
[4]	Play new messages
[5]	Play all messages
[9]	Stop recording Stop playback*2
[0]	Turn answering system off
[✳][4]	Erase message currently playing
[✳][5]	Erase all messages
[♯][1][7]	Record a greeting message for IP line only.
[♯][2][7]	Record a greeting message for landline only.
[♯][0][7]	Record a common greeting message for both IP line and landline.
[♯][1][8]	Turn answering system on for IP line only.
[♯][2][8]	Turn answering system on for landline only.
[♯][0][8]	Turn answering system on for both IP line and landline.

*1 If pressed within the first 5 seconds of a message, the previous message is played.

*2 To resume operation, enter a remote command within 15 seconds, or the voice guidance starts.

Turning on the answering system remotely

If the answering system is off, you can turn it on remotely by calling the selected line in "Turning the answering system on ⟐", page 58.

1 Dial the phone number.
2 Let the phone ring 15 times.
 ● The unit answers your call with the greeting message.
 ● You can hang up, or if you call from a touch tone phone, you can enter your remote code and begin remote operation (page 62).

Skipping the greeting message to leave a message

You can leave a message just as any outside caller can. Call your phone number. When the answering system picks up, press **[✳]** to skip the greeting message and record your message after the beep.

Answering system settings

Remote code

A remote code must be entered when operating the answering system remotely. This code prevents unauthorized parties from listening to your messages remotely. The default setting is **"111"**.

1 **[MENU]** → **[#][3][0][6]**

2 Enter the desired 3-digit remote code.

3 **[SAVE]** → **[OFF]**

Ring count

You can change the number of times the phone rings before the unit answers calls. The default setting is **"4 rings"**. **"Toll saver"**[*1]: The unit answers on the 2nd ring when new messages have been recorded, and on the 4th ring when there are no new messages. If you call your phone from outside to listen to new messages (page 62), you will know that there are no new messages when the phone rings for the 3rd time. You can then hang up without being charged for the call.

1 **[MENU]** → **[#][2][1][1]**

2 **[v]/[▲]**: Select the desired line.

3 **[v]/[▲]**: Select the desired setting.

4 **[SAVE]** → **[OFF]**

*1 **IP** Depending on the condition of your network connection, **"Toll saver"** may not be used for the IP line.

For Voice Mail service subscribers
TEL
If you subscribe to a flat-rate service package that includes Call Display, Call Waiting, Voice Mail, and unlimited local/regional/long distance calls, please see the following notes.
IP
If you subscribe to Voice Mail service, please see the following notes. For the service details, visit www.joip.com or contact the joip service provider.

Note for **TEL** and **IP**:
- To use the Voice Mail service provided by your landline service provider/joip rather than the unit's answering system, turn off the answering system (page 58).
- To use this unit's answering system rather than the Voice Mail service, please contact your landline service provider/joip service provider to deactivate your Voice Mail service.
  If your service provider cannot do this:
  – Set this unit's **"Ring count"** setting so that this unit's answering system answers calls before the Voice Mail service does. It is necessary to check the ring count required to activate the Voice Mail service before changing this setting.
  – Change the ring count of the Voice Mail service so that the answering system can answer the call first. To do so, consult your landline service provider/joip service provider.

Caller's recording time 🎵

You can change the maximum message recording time allotted to each caller. The default setting is **"3min"**.

1 **[MENU]** → **[♯][3][0][5]**
2 **[▼]/[▲]**: Select the desired line.
3 **[▼]/[▲]**: Select the desired setting.
4 **[SAVE]** → **[OFF]**

Message alert 🎵

You can select whether or not the message indicator on the handset flashes (slowly) when new messages are recorded. The default setting is **"Off"**.

Important:
● If there are new Voice Mail messages (page 66), the message indicator on the handset also flashes slowly.

1 **[MENU]** → **[♯][3][4][0]**
2 **[▼]/[▲]**: Select the desired setting.
3 **[SAVE]** → **[OFF]**

Note:
● While message alert feature is on, the battery operating time is shortened (page 20).

Call screening 🎵

This feature allows you to listen to a message from the base unit while the answering system is recording the message. The default setting is **"On"**.

1 **[MENU]** → **[♯][3][1][0]**
2 **[▼]/[▲]**: Select the desired setting.
3 **[SAVE]** → **[OFF]**

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Using Voice Mail service

This unit is compatible with Voice Mail services offered by your landline service provider and joip. After you subscribe to these services, the Voice Mail system of your service provider will answer calls for you when you are unavailable to answer the phone or when your line is busy. Messages are recorded by your Voice Mail service provider, not your telephone.

- **TEL** Please contact your landline service provider for details.
- **IP** Please visit www.joip.com or contact the joip service provider for details.

Important:

- To use the Voice Mail service rather than the unit's answering system, turn off the answering system (page 58).

Voice Mail message indication

The unit lets you know that you have new Voice Mail messages in the following ways:

– The VM indicator on the base unit flashes.
– **"VoiceMail:TEL"** and/or **"VoiceMail:joip"** are displayed on the handset. **"VoiceMail:TEL"** indicates the messages received by your landline service provider. **"VoiceMail:joip"** indicates the messages received by joip.
– The message indicator on the handset flashes slowly if the message alert feature is turned on (page 67).

TEL

To listen to your Voice Mail messages received by your landline service

provider, you must dial the service provider's Voice Mail access number.

- If your Voice Mail service uses Voice Mail tones and the message is over 3 minutes long, the handset may not indicate new messages.

IP

To listen to your Voice Mail messages received by joip, access the joip Voice Mail from the joip service menu using the handset (page 74).

Note for TEL and IP :

- If the handset or base unit still indicates there are new messages even after you have listened to all new messages, turn it off by pressing and holding **[OFF]** on the handset until a beep sounds.

Voice Mail (VM) tone detection

TEL

Your landline service provider sends special signals (sometimes called "Voice Mail tones" or "stutter tones") to the unit to let you know you have new Voice Mail messages. If you hear a series of dial tones followed by a continuous dial tone after you press **[TEL]**, you have new Voice Mail messages. Minutes after you hang up a call or after the phone stops ringing, your unit will check the phone line to see if new Voice Mail messages have been recorded.

Turn this feature off when:

– you do not subscribe to Voice Mail service.
– your landline service provider does not send Voice Mail tones.
– your phone is connected to a PBX.

If you are not sure which setting is required, consult your landline service provider.

Turning VM tone detection on/off 🎧

The default setting is **"On"**.

1 **[MENU]** → **[♯][3][3][2]**
2 **[∨]/[∧]**: Select the desired setting.
3 **[SAVE]** → **[OFF]**

Message alert 🎧

You can select whether or not the message indicator on the handset flashes (slowly) when there are new recorded messages in the Voice Mail system. The default setting is **"Off"**.

Important:

● If there are new messages in the answering system (page 58), the message indicator on the handset also flashes slowly. (BB-GT1540)

1 **[MENU]** → **[♯][3][4][0]**
2 **[∨]/[∧]**: Select the desired setting.
3 **[SAVE]** → **[OFF]**

Note:

● While message alert feature is on, the battery operating time is shortened (page 20).

Intercom features between handsets

Intercom calls

Intercom calls can be made between handsets.

Note:

- If you receive an outside call while talking on the intercom, the interrupt tone sounds. To answer the call, press **[TEL]** or **[IP]**. To turn the interrupt tone off, see page 51.
- When paging, the paged handset beeps for 1 minute.

Making an intercom call

1. **[INTERCOM]**
2. To page a handset, enter its extension number (**[1]** – **[8]**).
   - To stop paging, press **[OFF]**.
3. When you finish talking, press **[OFF]**.

Answering an intercom call

1. Press **[TALK]** to answer the page.
2. When you finish talking, press **[OFF]**.

Note:

- The ringer volume for intercom calls follows the higher volume level of the 2 lines (page 52).
- When the ringer volume is set to off for both lines, the handset rings at a low level for intercom calls.

Transferring calls, conference calls

Outside calls can be transferred between 2 handsets. 2 handsets can

have a conference call with an outside party.

1. During an outside call, press **[INTERCOM]** to put the call on hold.
2. To page a handset, enter its extension number (**[1]** – **[8]**).
3. Wait for the paged party to answer.
   - If the paged party does not answer, press **[TEL]** or **[IP]** to return to the outside call.
4. **To complete the transfer:** Press **[OFF]**.
   - The outside call is being routed to the handset.

   To make a conference call: Press **[CONF]**.
   - To leave the conference, press **[OFF]**. The other 2 parties can continue the conversation.
   - To put the outside call on hold, press **[HOLD]**. To resume the conference, press **[CONF]**.

Answering a transferred call

Press **[TALK]** to answer the page.

- After the paging party disconnects, you can talk to the outside caller.

Auto intercom/Room monitor

This feature allows you to:

– answer an intercom call without pressing any buttons on the handset.
– listen to the sound in a room where the handset is located.

Turning auto intercom on/off

"Off" (Default): Turns this feature off.
"On (Ringer On)": When an intercom call is received, the handset rings 2 times then the speakerphone is automatically turned on.
"On (Ringer Off)": When an intercom call is received, the handset

does not ring and the speakerphone is automatically turned on. This allows you to easily monitor a baby's room, for example, from different areas of the house.

1 **[MENU]** → **[♯][2][7][3]**
2 **[▼]/[▲]**: Select the desired setting.
3 **[SAVE]** → **[OFF]**

Note:
● Auto intercom cannot be used when:
  – your handset is receiving a transferred outside call.
  – all handsets are being paged by the base unit.

Answering an intercom call using auto intercom

1 When you are paged by another handset, speak into the microphone.
   ● To switch to the receiver, press **[📞]**.
2 To end the intercom, press **[OFF]**.

Monitoring audio in a room
You can listen to the sound in a room where another handset is located.

Important:
● Before using this feature, set auto intercom on the destination handset to **"On (Ringer Off)"** to allow access by other handsets.

1 Call the destination handset (page 68).
   ● You can listen to the audio.
2 To mute your sound output, press **[MUTE]** if necessary.
3 Press **[OFF]** to stop monitoring.

Intercom features between the handset and base unit

Available model:
BB-GT1540

Intercom calls

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

Note:
● If you receive an outside call while talking on the intercom, the interrupt tone sounds. To answer the call, press **[TEL]** or **[IP]**. To turn the interrupt tone off, see page 51.
● When paging unit(s) for an intercom call, the paged unit(s) beeps for 1 minute.

Making an intercom call

Handset

1 **[INTERCOM]**
2 To page the base unit, press **[0]**.
   ● To stop paging, press **[OFF]**.
3 When you finish talking, press **[OFF]**.

Base unit

1 **[INTERCOM]**
2 To page a specific handset, enter its extension number (**[1]** – **[8]**).
   To page all handsets, press **[0]** or wait for a few seconds.
   ● The paged handset(s) beeps for 1 minute.
   ● To stop paging, press **[INTERCOM]**.

3 When you finish talking, press **[INTERCOM]**.

Note:

● You can locate a misplaced handset by paging it.

Answering an intercom call

Handset

1 Press **[TALK]** to answer the page.

2 When you finish talking, press **[OFF]**.

Base unit

1 Press **[INTERCOM]** to answer the page.

2 When you finish talking, press **[INTERCOM]**.

Note for handset and base unit:

● The ringer volume for intercom calls follows the higher volume level of the 2 lines (page 52, 56).

● When the ringer volume is set to off for both lines, the handset or base unit rings at a low level for intercom calls.

Answering an intercom call using auto intercom

Before using the auto intercom, turn auto intercom on (page 68).

Handset

1 When you are paged by the base unit, speak into the microphone.

● To switch to the receiver, press **[⌕]**.

2 To end the intercom, press **[OFF]**.

Monitoring audio in a room using auto intercom

Base unit

You can listen to the sound in a room where the handset is located using the auto intercom (page 68).

Important:

● Before using this feature, set auto intercom on the destination handset to **"On (Ringer Off)"** to allow access by the base unit (page 68).

1 Call the destination handset (page 69).

● You can listen to the audio.

2 To mute your sound output, press **[MUTE]** if necessary.

3 Press **[INTERCOM]** to stop monitoring.

Transferring calls, conference calls

Outside calls can be transferred between the handset and base unit. The handset and base unit can have a conference call with an outside party.

Handset

1. During an outside call, press **[INTERCOM]** to put the call on hold.
2. To page the base unit, press **[0]**.
3. Wait for the paged party to answer.
   - If the paged party does not answer, press **[TEL]** or **[IP]** to return to the outside call.
4. **To complete the transfer:** Press **[OFF]**.
   - The outside call is being routed to the base unit.

   To make a conference call: Press **[CONF]**.
   - To leave the conference, press **[OFF]**. The other 2 parties can continue the conversation.
   - To put the outside call on hold, press **[HOLD]**. To resume the conference, press **[CONF]**.

Base unit

1. During an outside call, press **[INTERCOM]** to put the call on hold.
2. To page a specific handset, enter its extension number (**[1]** – **[8]**).
   To page all handsets, press **[0]** or wait for a few seconds.
   - Even if you call all handsets, only the handset user who answers first can take the transferred call.
3. Wait for the paged party to answer.
   - If the paged party does not answer, press **[INTERCOM]** to return to the outside call.

4. **To complete the transfer:** Press **[⇔]**.
   - The outside call is being routed to the handset.

   To make a conference call: Press **[CONF]**.
   - To leave the conference, press **[⇔]**. The other 2 parties can continue the conversation.
   - To put the outside call on hold, press **[HOLD]**. To resume the conference, press **[CONF]**.

Answering a transferred call

Handset

Press **[TALK]** to answer the page.

Base unit

Press **[⇔]** to answer the page.

Note for handset and base unit:
- After the paging party disconnects, you can talk to the outside caller.

Using **joip** service features

joip service offers not only IP phone features but other various features such as ringtones, text messages, community directory, and more. For further information, visit the joip website at www.joip.com

Importing downloaded phonebook items to the handset 🔋

You can add and edit phonebook items by accessing your account on the joip website (www.joip.com), then downloading your web phonebook to the base unit.

"New phonebook" is displayed after new phonebook items are downloaded. Import them to a handset.

1 **[📖]** → **[MENU]**
2 **[▼]/[▲]**: **"Import phonebook"**
3 **[SELECT]**

Note:

● **"New phonebook"** disappears from all handsets' displays after the handset imported the phonebook items. Other handset users can import the phonebook items separately.

Importing downloaded ringtones to the handset 🔋

You can download a maximum of 3 ringtones to the base unit using the joip website (www.joip.com). After new ringtones are downloaded, **"New ringer"** is displayed on the handset. You can import these ringtones to the handset. A maximum of 3 imported ringtones can be stored in a handset at

one time. You can also set them as the handset ringer(s).

1 **[MENU]** → **[♯][1][7][0]**
2 **[▼]/[▲]**: Select the desired ringtone.
3 **[SELECT]**
  ● **"Receiving"** is displayed on the handset while importing.
  ● When the item has been imported, **"Completed"** is displayed.
4 To assign the ringtone to a line:
  [▼]/[▲]: **"Yes"** → **[SELECT]**
  Not to assign the ringtone to a line:
  [▼]/[▲]: **"No"** → **[SELECT]** →
  Go to step 6.
5 **[▼]/[▲]**: Select the desired line.
  ● To import other ringtones, repeat from step 2.
6 **[OFF]**

Note:

● **"New ringer"** disappears from all handset displays after step 1. Other handset users can import the ringtones separately.
● To assign a ringtone to a line later, see page 54.
● To use a ringtone for a ringer ID of a handset phonebook item, see page 39, 40.
● To use a ringtone for the alarm, see page 55.
● In step 3, if **"Overwrite?"** is displayed, 3 ringtones have already been imported. To overwrite with the new one, select a ringtone you do not need. → **[OK]**
● If the overwritten ringtone was used for:
  – a handset ringer, **"Tone 1"** (landline) or **"Tone 2"** (IP line) is used instead

For joip assistance, visit www.joip.com

– a ringer ID of a handset phonebook item, the ringer set on page 54 is used instead

– the alarm, **"Tone 1"** is used instead

● Downloaded ringtones are temporarily stored in the base unit. When a 4th ringtone is downloaded to the base unit, it replaces the oldest one. All ringtones will be erased by pressing **[IP RESET]** (page 77).

joip text messages

You can view the joip text messages using a handset.

The unit can receive a maximum of 88 messages. The number of received messages may decrease depending on the size of each message as follows:

Size of message	Maximum number of messages
320 characters[*1]	14
12 or less characters	88

*1 The maximum number of characters per message

Note:

● The unit erases the oldest message when the message memory is full. We recommend you protect the messages you want to keep (page 73).

Viewing joip text messages

When new text messages have been received:

– **"New joip message"** is displayed if the joip text message alert is on (page 74).

– The message indicator on the handset also flashes slowly if both the joip text message alert and the message alert

for the Voice Mail or answering system are on (page 65, 67).

1 **[MENU]** → **[♯][3][6][0]**
  ● The numbers of the new messages and total messages are displayed.

2 **[▼]/[▲]**: Select the desired item. → **[OK]**
  ● To view another text message, press **[BACK]** and repeat step 2.

3 **[OFF]**

Note:

● A ✓ is displayed in the message list for a message which has already been viewed by any handset.

● If an arrow (►) is displayed, some information is not shown. Push the joystick right to see the remaining information. To return to the previous display, push the joystick left.

● **"New joip message"** disappears from all handset displays after viewing all new joip text messages.

Protecting a joip text message

You can protect a maximum of 8 messages. When the message memory is full, protected messages are not erased until you release the protection. Press **[PROTECT]** while viewing a message.

● To release the protection, press **[PROTECT]** again.

Erasing a joip text message

1 While viewing the message list or message, press **[ERASE]**.

2 **[▼]/[▲]**: **"Yes"**

3 **[SELECT]** → **[OFF]**

Erasing all joip text messages

You can erase all text messages except protected messages (page 73).

1 [MENU] → [♯][3][6][0]

2 While viewing the number of the total text messages, press **[ERASE]**.

3 [▼]/[▲]: **"Yes"**

4 [SELECT] → [OFF]

Turning the joip text message alert on/off

You can select whether or not **"New joip message"** is displayed on the handset when new joip messages have been received. The default setting is **"On"**.

1 [MENU] → [♯][3][6][1]

2 [▼]/[▲]: Select the desired setting.

3 [SAVE] → [OFF]

"joip service" menu *▯*

Some joip services such as Voice Mail can be accessed from the **"joip service"** menu using the handset. This menu can be downloaded from joip. Select the desired service from the **"joip service"** menu. The access number is automatically dialed via the IP line. For further information about the services, visit www.joip.com

1 [MENU] → [♯][5][3][0]
  • The available menu is displayed.

2 [▼]/[▲]: Select the desired item. → **[SELECT]**
  • The unit dials to access the service.

3 When finished, press **[OFF]**.

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For joip assistance, visit www.joip.com

Belt clip

You can hang the handset on your belt or pocket using the included belt clip.

To attach the belt clip
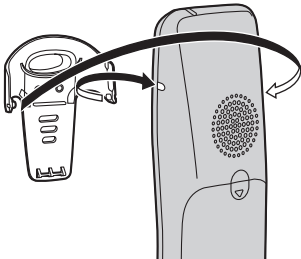
To remove the belt clip
While pressing the top of the clip (➊), pull the right edge in the direction of the arrow (➋).
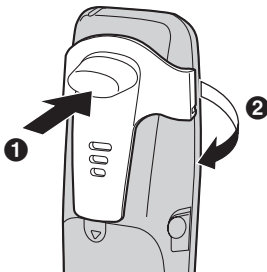
Wall mounting for charger

Available model:
BB-GT1502

1 Drive the screws (not included) into the wall.

25.4 mm
(1 inch)

Screws

(120 V AC, 60 Hz)
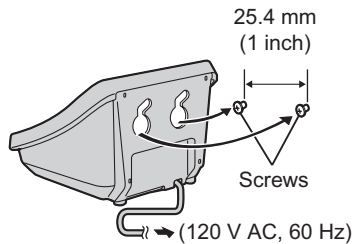
2 Mount the charger (➊), then slide it down (➋) and to the right (➌) until it is secure.
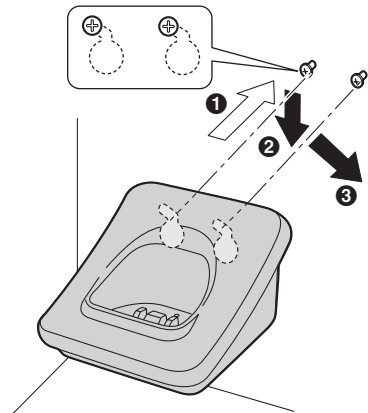
Additional accessories

Headset (optional)

Connecting a headset to the handset allows for hands-free phone conversations. We recommend using the Panasonic headset noted on page 8.

● Headset shown is RP-TCA86.

Wall mounting (optional)

By purchasing the optional wall mounting adaptor PQKL10078Z2, you can mount the base unit on a wall.

Registering a handset

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

Important:

● If you have already deregistered the handset, perform steps 2 and 3 only.

1 **Handset:**
   [MENU] → **[♯][1][3][0]**

2 **Base unit:**
   BB-GT1500/BB-GT1502
   Press and hold **[HANDSET LOCATOR]** until the STATUS indicator flashes in red.
   BB-GT1540
   Press and hold **[LOCATOR]** until the registration tone sounds and the STATUS indicator flashes in red.

   ● If all registered handsets start ringing, stop ringing by pressing the same button. Then repeat this step.
   ● After the STATUS indicator starts flashing in red, the rest of the procedure must be completed within 90 seconds.

3 **Handset:**
   [OK↓]
   ● When the handset has been registered successfully, ⚡ will change to ⊤. If the key tone is turned on (page 51), a confirmation tone will be heard.

Registering an additional handset
See page 8 for information on the available model. Start from step 2.

Deregistering a handset

Handset

1 **[MENU]** → **[#][1][3][1]**
2 **[3][3][5]** → **[OK]**
3 **[v]/[▲]**: Select the handset you want to cancel. → **[SELECT]**
4 **[v]/[▲]**: **"Yes"** → **[SELECT]**
   ● When you cancel a different handset than the one you are now using, press **[OFF]** to exit.

Base unit

BB-GT1540

1 Press and hold **[LOCATOR]** until the registration tone sounds and the STATUS indicator flashes in red.
2 Press and hold the handset number (**[1]** - **[8]**) that you want to cancel until a confirmation tone sounds.

IP RESET button

Using the **[IP RESET]** button on the bottom of the base unit, you can reset the Internet connection settings.

– DHCP connection mode is returned to **"On"** (default).
– If you set the static IP address and other settings (**"Subnet mask"**, **"Default gateway"**, **"DNS1"**, **"DNS2"**), they are erased.
– The Terms of Use for the joip services you previously agreed to is cancelled. You need to agree to it again using the handset.
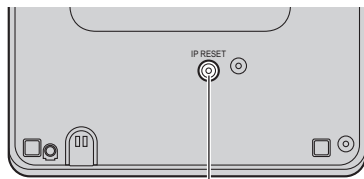
[IP RESET]

1 Make sure that the AC adaptor is connected. Press and hold **[IP RESET]** for about 7 seconds with a pointed object such as a pen.
2 **"Please read joip Terms of Use. Agree?"** is displayed on the handset. Read the Terms of Use for the joip services on the included leaflet or at www.joip.com and press **[YES]**.
3 Wait until the STATUS indicator turns green.
   ● If necessary, set the Internet connection settings again (page 29).

Note:
● Ringtones and phonebook data downloaded from the joip website (www.joip.com) to the base unit are

erased. If necessary, import ringtones and phonebook data to the handset before pressing **{IP RESET}** (page 72).
- joip text messages are not affected.
- Entries in the handset phonebook, caller list, and redial list are not affected.
- The unit's settings (excluding internet connection settings) are not reset to default.

For joip assistance, visit www.joip.com

Error messages

If the unit detects a problem, one of the following messages is shown on the handset display.

Display message	Cause/solution
`Busy`	• The called handset or base unit is in use.
	• Privacy mode is on for the call you tried to join (page 34).
	• Other units are in use and the system is busy. Try again later.
	• The line is in use. Wait until ![IP] or ![TEL] disappears from the handset display.
`Free calls! Plug internet cable. www.joip.com`	• Confirm the Ethernet cable is properly connected (page 17).
	• Check the base unit's IP address using the handset: **[MENU]** → **[♯][5][0][1]** If necessary, change the base unit's static IP address (page 29).
	• Check your network devices' (router, modem, etc.) connections. If the connections are made properly but the problem persists, check your network devices' (router, modem, etc.) settings.
	• If you cannot access Internet Web pages using your computer, check to see if your Internet service provider is having connection issues in your area.
	• Check your device connections with the installation instructions (page 17). The order in which you turn on the devices is important.
	• Many installation issues can be resolved by resetting all the equipment. First, shut down your modem, router, base unit, and computer. Then turn the devices back on one at a time in this order: modem, router, base unit, computer.
	• For more troubleshooting help, visit www.joip.com or contact the joip service provider.
	• You have not received the joip number. Install the base unit to your local network (page 17, 28).

Display message	Cause/solution
Error!!	• The handset's registration has failed. Move the handset and base unit away from all electrical appliances and try again. • 8 handsets have already been registered to the base unit. A previously deregistered handset number may still be retained in the base unit. To register an additional handset, erase an unnecessary handset number (page 77). • The software update of the base unit has failed. Confirm that the IP line is not being used, and try again (page 56).
Failed	• The handset you tried to copy phonebook items to is in use. • The handset you tried to copy phonebook items to is out of area.
Incomplete	• The destination handset's phonebook memory is full. Erase unnecessary items from the destination handset's phonebook (page 41).
Invalid. Please register to the base unit	• The handset is not registered to the base unit. Register the handset (page 76).
Invalid setting	• The Internet connection settings are not correct. Enter the correct settings (page 29).
joip message Memory Empty	• There are no joip text messages (page 73).
Memory full[*1]	• The message memory for the answering system is full. Erase unnecessary messages (page 60).
Memory full. Memory limited to 8 MSGs.	• The maximum number of joip text messages you can protect is 8. To release a protected text message, see page 73.
Messages full[*1]	• The message memory for the answering system is full. Erase unnecessary messages (page 60).

Display message	Cause/solution
`No items stored`	• Your phonebook or redial list is empty. • There is no downloaded data (phonebook data, ringtone data, or joip service menu data) in the base unit. • The unit is not registered to the joip service. Check the connections (page 17) and confirm the STATUS indicator lights in green (page 22).
`No link to base. Move closer to base, try again.`	• The handset has lost communication with the base unit. Move closer to the base unit, and try again. • Unplug the base unit's AC adaptor to reset the unit. Reconnect the adaptor and try again. • The handset's registration may have been cancelled. Re-register the handset (page 76).
`Phonebook Memory full`	• There is no space to store new items in the phonebook. Erase unnecessary items (page 41).
`Please lift up and try again.`	• A handset button was pressed while the handset was on the base unit or charger. Lift the handset and press the button again.
`Please read joip Terms of Use. Agree?`	• You have not agreed to the Terms of Use for the joip services. To use the joip IP line, you need to agree to it using the handset (page 18).
`Protected MSG is not erasable.`	• The protected messages remain. All other messages are erased.
`This message contains unrecognised characters.`	• The characters the unit cannot recognize are replaced with "_".

*1 BB-GT1540

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Troubleshooting

General use

Problem	Cause/solution
The unit does not work.	● Make sure the battery is installed correctly and fully charged (page 18, 20). ● Check the connections (page 17). ● Unplug the base unit's AC adaptor to reset the unit. Reconnect the adaptor and try again. ● The handset has not been registered to the base unit. Register the handset (page 76).
IP I cannot hear a dial tone for the IP line.	● Confirm the Ethernet cable is properly connected (page 17). ● You have not agreed to the Terms of Use for the joip services. To use the joip IP line, you need to agree to it using the handset (page 18). ● Check the base unit's IP address using the handset: **[MENU]** → **[♯][5][0][1]** If necessary, change the base unit's static IP address (page 29). ● Check your network devices' (router, modem, etc.) connections. If the connections are made properly but the problem persists, check your network devices' (router, modem, etc.) settings. ● Many installation issues can be resolved by resetting all the equipment. First, shut down your modem, router, base unit, and computer. Then turn the devices back on one at a time in this order: modem, router, base unit, computer. ● If you cannot access Internet Web pages using your computer, check to see if your Internet service provider is having connection issues in your area. ● For more troubleshooting help, visit www.joip.com or contact the joip service provider.

For joip assistance, visit www.joip.com

Problem	Cause/solution
[TEL] I cannot hear a dial tone for the landline.	• Confirm the telephone line cord is properly connected (page 17). • Disconnect the unit from the telephone line and connect a known working telephone. If the working telephone operates properly, contact Panasonic service personnel to have the unit repaired. If the working telephone does not operate properly, contact your landline service provider.
The indicator on the top right of the handset flashes slowly.	• New messages have been received. Listen to the new messages (page 59).[*1] • New Voice Mail messages have been recorded. Listen to the new Voice Mail messages, see page 66. • New joip text messages have been received. To view the text messages, see page 73.

*1 BB-GT1540

STATUS indicator

Problem	Cause/solution
The STATUS indicator continues flashing in amber.	● An IP address may not have been acquired or the static IP address is not appropriate. Check the base unit's IP address using the handset: **[MENU]** → **[♯][5][0][1]** – If necessary, change the base unit's static IP address (page 29). – If an IP address was not acquired, check your network devices' (router, modem, etc.) connections. If the connections are made properly but the problem persists, check your network devices' (router, modem, etc.) settings. ● Many installation issues can be resolved by resetting all the equipment. First, shut down your modem, router, base unit, and computer. Then turn the devices back on one at a time in this order: modem, router, base unit, computer. ● If you cannot access Internet Web pages using your computer, check to see if your Internet service provider is having connection issues in your area. ● For more troubleshooting help, visit www.joip.com or contact the joip service provider.
The STATUS indicator flashes in amber rapidly although the IP address was acquired.	● Unplug the base unit's AC adaptor to reset the unit, then reconnect the AC adaptor. If the STATUS indicator is still flashing in amber rapidly, there may be a problem with the base unit hardware. Contact Panasonic service personnel.
The STATUS indicator lights in amber although the Ethernet cable is connected properly.	● The base unit's IP address may conflict with the IP addresses of other devices on your local network. Check the base unit's static IP address using the handset: **[MENU]** → **[♯][5][0][1]**, then check the IP addresses of the other devices on your local network. If necessary, change the base unit's static IP address (page 29).

Problem	Cause/solution
The STATUS indicator is off.	● The power of the base unit is off.
	● You have not agreed to the Terms of Use for the joip services. To use the joip IP line, you need to agree to it using the handset (page 18).
	● The Ethernet cable is not connected properly. Connect it.
	● Your network devices (hub, router, etc.) are turned off. Check the LEDs for the link status of the devices.

Programmable settings

Problem	Cause/solution
I cannot program items.	● Programming is not possible while either another handset or the base unit is being used. Try again later.
	● Programming is not possible while the base unit is downloading data from the joip service. Wait until the STATUS indicator stops flashing and lights in steady green.
While programming, the handset starts to ring.	● A call is being received. Answer the call and start again after hanging up.

Battery recharge

Problem	Cause/solution
I fully charged the battery, but ▯ continues to flash, or ▭ is displayed.	● Clean the charge contacts and charge again (page 20).
	● The battery may need to be replaced with new ones (page 21).
The handset display is blank.	● Confirm that the battery are properly installed.
	● Fully charge the battery (page 20).

Making/answering calls, intercom

Problem	Cause/solution
Ψ is displayed, but I cannot make a call.	• The handset and base unit could not communicate for some reason, such as interference from other electrical appliances. Perform the following: – Move the handset and base unit away from other electrical appliances. – Move closer to the base unit.
Static is heard, sound cuts in and out. Interference from other electrical units.	• Move the handset and base unit away from other electrical appliances. • Move closer to the base unit. • Turn on the clarity booster feature (page 33). • **TEL** If your unit is connected to a telephone line with DSL service, we recommend connecting a noise filter between the base unit and the telephone line jack. Contact your DSL provider for details.
The handset does not ring.	• The ringer volume is turned off. Adjust it (page 52).
The base unit does not ring.[*1]	• The ringer volume is turned off. Adjust it (page 56).
I cannot make a call.	• **TEL** The dialing mode may be set incorrectly. Change the setting (page 27). • **IP** Check if the STATUS indicator is lit in green. If it is not lit in green, see "STATUS indicator" (page 84). • **IP** You cannot make a call while the base unit is downloading the software update. Wait until the STATUS indicator stops flashing and changes to steady green. • You may have selected the wrong line by pressing **[TEL]** or **[IP]**. Select the appropriate line to call the phone number. • The base unit or another handset is in use. Try again later.
IP I cannot make a call using a cellular phone.[*1]	• The IP line or the answering system is in use. Try again later. • The remote code of the answering system is the default setting. You need to set your own remote code for security (page 64).
I cannot have a conversation using the headset.	• Make sure that an optional headset is connected properly (page 76).

Problem	Cause/solution
I cannot page the handset.	● The paged handset is too far from the base unit. ● The paged handset is in use. Try again later.
I cannot page the base unit.[*1]	● The base unit is in use. Try again later.
I cannot turn the clarity booster on.	● Other units are in use and the system is busy. Try again later.
TEL I cannot make long distance calls.	● Make sure that you have long distance service.
IP I answered a call when the phone rang, but the call was disconnected.	● The ringer may continue to sound for several seconds after the caller hangs up because of the time lag of the signal transmission.
IP During a conversation, the following occurs: – noise is heard. – the sound is interrupted. – the sound is delayed.	● It may be caused by a computer sharing the network with your Globarange phone. ● Confirm the speed of Internet connection. The unit requires 100 kbps for each upstream and downstream. If less than 100 kbps is provided, visit www.joip.com or contact the joip service provider.

*1 BB-GT1540

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Call Display

Problem	Cause/solution
The handset does not display the caller's name and/or phone number.	• You have not subscribed to Call Display. ⏹TEL⏹ Contact your landline service provider to subscribe. ⏹IP⏹ Visit www.joip.com or contact the joip service provider to subscribe. • The caller requested not to send caller information (page 43). • ⏹TEL⏹ The name display service may not be available in some areas. Contact your landline service provider for details. • ⏹TEL⏹ If your unit is connected to any additional telephone equipment such as a Call Display box or cordless telephone line jack, disconnect the unit from the equipment and plug the unit directly into the wall jack. • ⏹TEL⏹ Generally, caller information is displayed from the 2nd ring. • ⏹TEL⏹ If your base unit is connected to a landline with DSL service, we recommend connecting a noise filter between the base unit and the telephone line jack. Contact your DSL provider for details. • ⏹TEL⏹ Other telephone equipment may be interfering with this unit. Disconnect the other equipment and try again.
I cannot access the caller list.	• Someone is viewing the caller list from another handset.
⏹TEL⏹ I cannot dial the phone number edited in the caller list.	• The phone number you dialed might have been edited incorrectly (for example, the long distance "1" or the area code is missing). Edit the phone number with another pattern (page 45).
⏹TEL⏹ The 2nd caller's information is not displayed during an outside call. (Visual Call Waiting feature does not function.)	• In order to use Call Display, Call Waiting, or Visual Call Waiting, you must first contact your landline service provider and subscribe to the desired service. After subscribing, you may need to contact your landline service provider again to activate this specific service, even if you already subscribed to both Call Display and Visual Call Waiting services.

joip service features

Problem	Cause/solution
I cannot import phonebook data or ringtone data to the handset.	● While the base unit is downloading data excluding the base unit software, you cannot import phonebook data or ringtone data to the handset. Wait until the STATUS indicator stops flashing and lights in steady green.
I cannot view the joip text message.	● Someone is viewing a joip text message from another handset. ● While the base unit is downloading data excluding the base unit software, you cannot view the joip text message. Wait until the STATUS indicator stops flashing and lights in steady green.

Answering system (BB-GT1540)

Problem	Cause/solution
I cannot listen to messages from a remote location.	● A touch tone phone is required for remote operation. ● Enter the remote code correctly and press each key firmly (page 64). ● The answering system is off. Turn it on (page 63).
The unit does not record new messages.	● The answering system is not turned on for the line you wish to record messages from. Select the desired line or both lines by pressing **{IP/TEL}** on the base unit repeatedly, then turn the answering system on (page 58, 63). ● The message memory is full. Erase unnecessary messages (page 60, 61). ● The answering system is activated for both lines, and the 1st caller is leaving a voice message. The 2nd caller cannot leave a message, but the caller information will be stored (page 45). ● If you subscribe to the Voice Mail service, messages are recorded by the landline service provider/joip not your telephone (page 64).
I cannot operate the answering system.	● Someone is operating the answering system. ● If someone is talking on a conference call, you may not be able to operate the answering system. Try again later.

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Industry Canada Notices and other information

NOTICE:
This equipment meets the applicable Industry Canada Terminal Equipment Technical Specifications. This is confirmed by the registration number. The abbreviation, "IC:", before the registration number signifies that registration was performed based on a Declaration of Conformity indicating that Industry Canada technical specifications were met. It does not imply that Industry Canada approved the equipment.
And, the term "IC:" signifies that Industry Canada radio technical specifications were met.

Before installing this equipment, users should ensure that it is permissible to be connected to the facilities of the local telecommunications company. The equipment must also be installed using an acceptable method of connection. The customer should be aware that compliance with the above conditions may not prevent degradation of service in some situations.

Repairs to certified equipment should be coordinated by a representative designated by the supplier. Any repairs or alterations made by the user to this equipment, or equipment malfunctions, may give the telecommunications company cause to request the user to disconnect the equipment.

Users should ensure, for their own protection, that the electrical ground connections of the power utility, telephone lines and internal metallic water pipe system, if present, are connected together. This precaution may be particularly important in rural areas.

Caution:
Users should not attempt to make such connections themselves, but should contact the appropriate electric inspection authority, or electrician, as appropriate.

NOTICE:
The **Ringer Equivalence Number** (REN) assigned to each terminal device provides an indication of the maximum number of terminals allowed to be connected to a telephone interface. The termination on an interface may consist of any combination of devices subject only to the requirement that the sum of the Ringer Equivalence Numbers of all the devices does not exceed 5.
The Ringer Equivalence Number (REN) of this unit:
(found on the bottom of the unit).

NOTICE:
Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Privacy of communications may not be ensured when using this telephone.

Some cordless telephones operate at frequencies that may cause interference to nearby TVs and VCRs. To minimize or prevent such interference, the base of the cordless telephone should not be placed near, or on top of, a TV or VCR. If

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interference is experienced, move the cordless telephone further away from the TV or VCR. This will often reduce, or eliminate, interference.

RF Exposure Warning:

- This product complies with IC radiation exposure limits set forth for an uncontrolled environment.

- To comply with IC RF exposure requirements, the base unit must be installed and operated 20 cm (8 inches) or more between product and all person's body (excluding extremities of hands, wrist and feet).

- This product may not be collocated or operated in conjunction with any other antenna or transmitter.

- The handset may be carried and operated with only the specific provided belt-clip. Other non-tested belt-clips or similar body-worn accessories may not comply and must be avoided.

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Specifications

General

Operating environment	5 °C – 40 °C (41 °F – 104 °F)
Frequency	5.74 GHz – 5.84 GHz

Base unit

Dimensions	Approx. height 82 mm × width 189 mm × depth 129 mm (3 $^7/_{32}$ inches × 7 $^7/_{16}$ inches × 5 $^3/_{32}$ inches)
Mass (Weight)	BB-GT1500/BB-GT1502: Approx. 310 g (0.68 lb.) BB-GT1540: Approx. 390 g (0.86 lb.)
Power consumption	BB-GT1500/BB-GT1502 Standby: Approx. 2.5 W, Maximum: Approx. 5.4 W BB-GT1540 Standby: Approx. 2.5 W, Maximum: Approx. 6.3 W
Power output	200 mW (max.)
Power supply	AC adaptor (120 V AC, 60 Hz)
Network interface	10/100base-TX auto MDI/MDIX Ethernet LAN port
Support codecs	G.711 μ-law, G.711 A-law, G.726 (32k), G.729A

Handset

Dimensions	Approx. height 156 mm × width 48 mm × depth 33 mm (6 $^1/_8$ inches × 1 $^7/_8$ inches × 1 $^5/_{16}$ inches)
Mass (Weight)	Approx. 160 g (0.35 lb.)
Power output	200 mW (max.)
Power supply	Ni-MH battery (3.6 V, 650 mAh)

Charger (BB-GT1502)

Dimensions	Approx. height 68 mm × width 82 mm × depth 87 mm (2 $^{11}/_{16}$ inches × 3 $^7/_{32}$ inches × 3 $^7/_{16}$ inches)
Mass (Weight)	Approx. 80 g (0.18 lb.)
Power output	Standby: Approx. 0.6 W Maximum: Approx. 4.1 W
Power supply	AC adaptor (120 V AC, 60 Hz)

Note:

● Design and specifications are subject to change without notice.

● The illustrations in these instructions may vary slightly from the actual product.

Warranty

Panasonic Canada Inc.

5770 Ambler Drive, Mississauga, Ontario L4W 2T3

PANASONIC PRODUCT - LIMITED WARRANTY

Panasonic Canada Inc. warrants this product to be free from defects in material and workmanship and agrees to remedy any such defect for a period as stated below from the date of original purchase.

Telephone Accessory / Product   - One (1) year, parts and labour

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This warranty does not apply to products purchased outside Canada or to any product which has been improperly installed, subjected to usage for which the product was not designed, misused or abused, damaged during shipping, or which has been altered or repaired in any way that affects the reliability or detracts from the performance, nor does it cover any product which is used commercially. Dry cell batteries are also excluded from coverage under this warranty. Rechargeable batteries are warranted for ninety (90) days from date of original purchase.

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WARRANTY SERVICE

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Our Customer Care Centre: Telephone #: (905) 624-5505
                                                  1-800 #:   1-800-561-5505
                                                  Fax #:   (905) 238-2360
                                                  Email link: "Contact Us" on www.panasonic.ca

FOR PRODUCT REPAIRS, please locate your nearest Authorized Servicentre at www.panasonic.ca :

Link : "Servicentres™ locator" under "Customer support"

IF YOU SHIP THE PRODUCT TO A SERVICENTRE

Carefully pack and send prepaid, adequately insured and preferably in the original carton. Include details of the defect claimed, and proof of date of original purchase.

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Customer services

joip customer support

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- Visit **www.joip.com** or send an email to **support@joip.com**
- Call **✳JOIP (✳5647)** from your GLOBARANGE phone using the IP line.
- Call **1-888-654-JOIP (1-888-654-5647)** using the landline.

In case of replacing your GLOBARANGE phone, you will need to contact joip Support Centre in order to transfer your joip number and account information to the new phone.
You will not be able to use your joip account on the new phone unless you contact joip Support Centre. For more information, please go to the Support section of the Member Centre using your joip number and password at www.joip.com
If you are experiencing any difficulty with your phone's functions or features, please contact Panasonic.

Panasonic customer support

joip is the VoIP service provided by deltathree, Inc. for this phone. If you cannot make or receive internet calls or if you are experiencing any other issues with your VoIP telephone services, please contact joip customer support. If you are experiencing any difficulty with your phone's functions or features, please contact Panasonic as follows.

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1-800 #: 1-800-561-5505
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Email link: "Contact Us" on www.panasonic.ca

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Link : "Servicentres™ locator" under "Customer support"

We recommend keeping a record of the following information for future reference.

Date of purchase	
Serial No.	MAC address
(found on the bottom of the base unit)	(found on the bottom of the base unit)
Name and address of dealer	
joip number #	
Password for the joip website (www.joip.com)[*1]	

*1 The password is received via a joip text message (page 73) after you agreed to the Terms of Use for the joip services (page 18).

Attach your purchase receipt here.

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