

Panasonic®

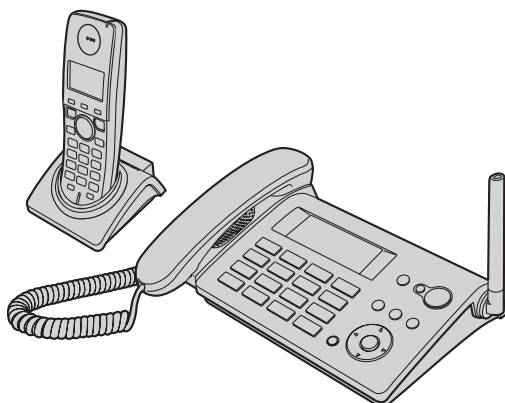
Operating Instructions

2.4 GHz Digital Cordless Phone

Model No. **KX-TG2871CN**

Chinese model no.

HWDLCD3939(2871)P/TSD



This unit is compatible with Caller ID. To use this feature, you must subscribe to the appropriate service offered by your service provider.

Charge the battery for 6 hours before initial use.

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

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Introduction

Thank you for purchasing a Panasonic cordless telephone.

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

Serial No. _____

Date of purchase _____

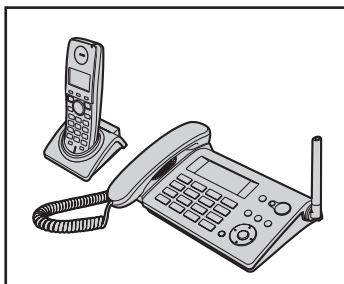
(found on the bottom of the unit)

Name and address of dealer _____

Attach your purchase receipt here.

Expanding your phone

You can expand the system by adding up to 5 accessory cordless handsets, sold separately. A maximum of 6 cordless handsets can be registered to a base unit.



Accessory cordless
handsets KX-TGA280CN
(HWDCD3939(280)P/TSD)



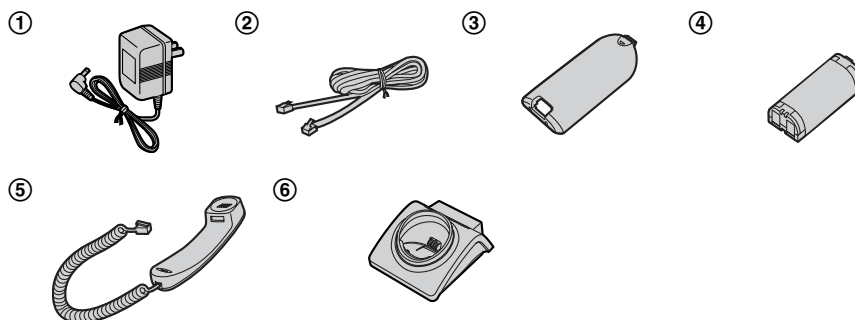
- The included cordless handset is pre-registered at the factory and assigned the extension number 1.
- References in these operating instructions to other cordless handsets are for accessory handset users only.

Introduction

Accessory information

Included accessories

No.	Accessory items	Quantity
①	AC adaptor	2
②	Telephone line cord	1
③	Cordless handset cover ^{*1}	1
④	Battery	1
⑤	Handset	1
	Handset cord	1
⑥	Charger	1



^{*1} The cordless handset cover comes attached to the cordless handset.

Additional/replacement accessories

Accessory items	Order number
Rechargeable nickel metal hydride (Ni-MH) battery	HHR-P105

Introduction

Important safety instructions

When using this unit, 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 moist 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 center 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 center 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 center.
 - 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 this unit to report a gas leak, when in the vicinity of the leak.

SAVE THESE INSTRUCTIONS

Introduction

CAUTION:

Installation

- Never install telephone wiring during a lightning storm.
- Never install telephone 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. 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.

WARNING:

- To prevent the risk of fire or electrical shock, do not expose this 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 and contact an authorized service center.

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 2402 MHz to 2481 MHz, and the power output level can range from 0.01 to 0.025 watts.) 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.

Introduction

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 distance and noise-free operation, we recommend the following:

- Placing the product away from electrical appliances.
- Placing the base unit in a HIGH and CENTRAL location with no obstructions such as walls.
- Raising the antenna vertically.
- If you use the cordless handset near a microwave oven which is being used, noise may be heard. Move away from the microwave oven and closer to the base unit.
- If you use the cordless handset near another cordless phone's base unit, noise may be heard. Move away from the other cordless phone's base unit and closer to your base unit.

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 or greater than 35 °C. 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 near 2.4 GHz electrical appliances may cause interference. Move away from the electrical appliances.

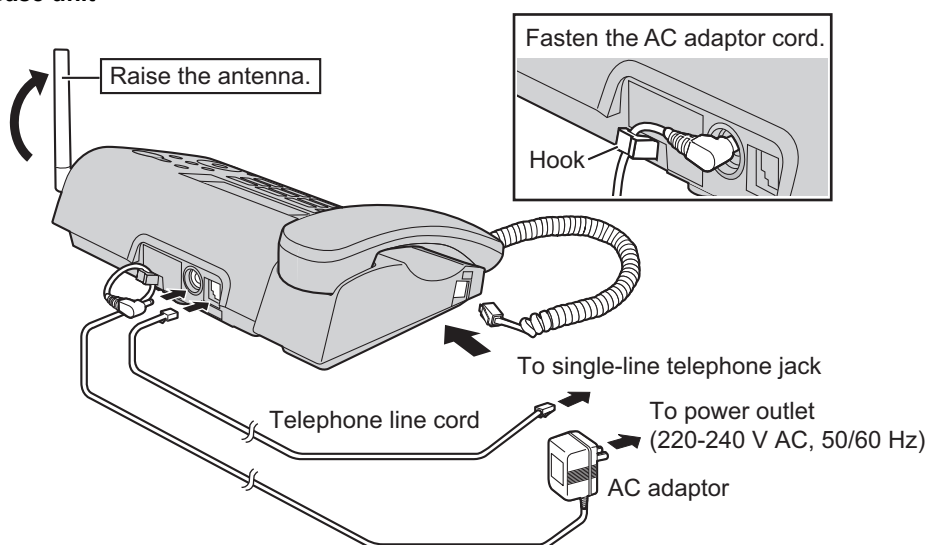
Routine care

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

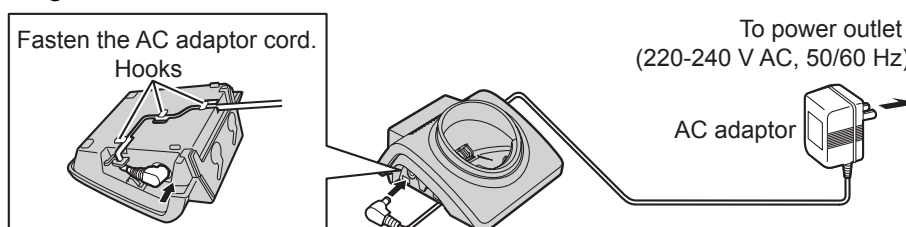
Preparation

Connections

Base unit



Charger



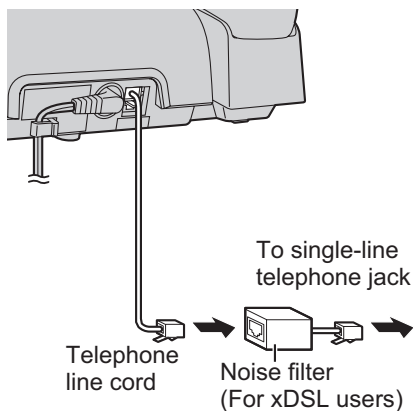
Note:

- Use only the included Panasonic AC adaptor PQLV207CN.
- 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.

Preparation

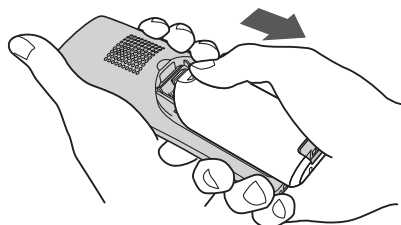
If you subscribe to an xDSL service

- Please attach a noise filter (contact your xDSL 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.
 - Caller ID features (page 34) do not function properly.

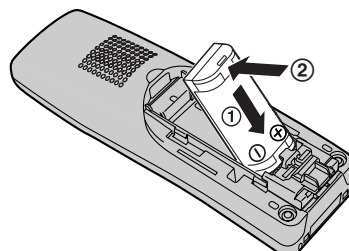


Battery installation/ replacement

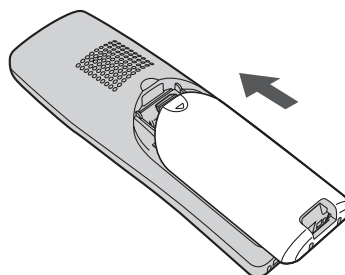
- 1 Press the notch on the cover firmly and slide it as indicated by the arrow.
 - If necessary, remove the old battery.



- 2 Insert the battery (①), and press it down until it snaps into the compartment (②).



- 3 Close the cordless handset cover.



Preparation

Battery charge

Place the cordless handset on the charger for **6 hours** before initial use. Make sure the base unit AC adaptor cord is connected while charging the battery. While charging, “充電中” is displayed. When the battery is fully charged, “充電完成” is displayed.



Note:

- To ensure the battery charges properly, clean the charge contacts of the cordless handset and charger with a soft, dry cloth once a month. Clean more often if the unit is subject to grease, dust, or high humidity.
- While charging the battery, make sure the cordless handset and charger are within range of the base unit (where “服务区外” is not displayed on the cordless handset display).
- When the date and time are not set, “请设定时间” is displayed.

Battery strength

You can confirm the battery strength on the cordless handset display.

Battery icon	Battery strength
	Fully charged
	Medium
	Low Needs to be recharged.
	Discharged

Recharging the battery

Recharge the battery immediately when:

- “请充电” is displayed or displays on the cordless handset display.
- the cordless handset beeps intermittently while it is in use.

Note:

- Recharge the cordless handset battery for more than 15 minutes, or the display will continue showing the indication.

Preparation

Battery performance

After your Panasonic battery is fully charged, you can expect the following performance:

Operation	Operating time
While in use (talking)	Up to 5 hours
While not in use (standby) ^{*1}	Up to 150 hours

^{*1} Cordless handset is off the charger but not in use.

Note:

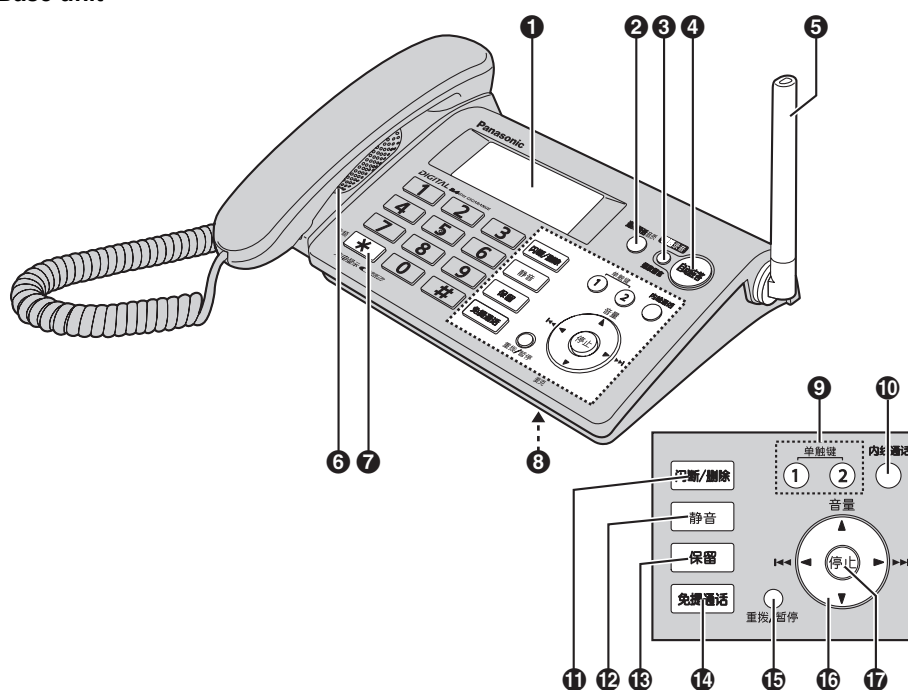
- Battery operating time may be shortened over time depending on usage conditions and surrounding temperature.
- Battery power is consumed whenever the cordless handset is off the charger, even when the cordless handset is not in use. The longer you leave the cordless handset off the charger, the shorter you can actually talk on the cordless handset. Actual battery performance depends on a combination of how often the cordless handset is in use and how often it is not in use.
- After the cordless handset is fully charged, displaying “充電完成”, it can be left on the 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 cordless handset on the charger and let charge for 6 hours.

Preparation

Controls and displays

Controls

Base unit

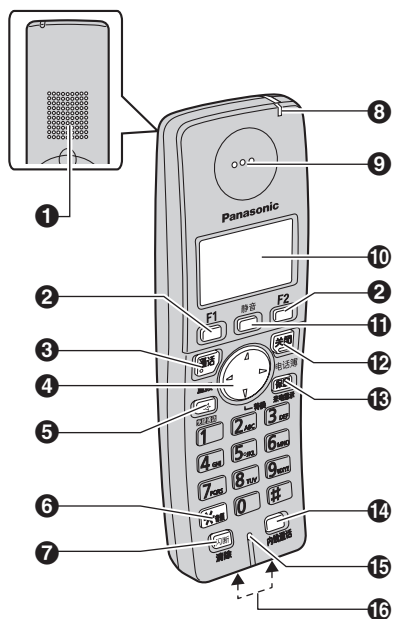


- ① Display
- ② 【选择通话音质】
- ③ 【通话录音】【播放留言】
- ④ 【自动应答】
ANSWER ON indicator
- ⑤ Antenna
- ⑥ Speaker
- ⑦ 【*】(音频)
- ⑧ Microphone

- ⑨ One-Touch dial button (① and ②)
- ⑩ 【内线通话】
- ⑪ 【闪断】【删除】
- ⑫ 【静音】
- ⑬ 【保留】
- ⑭ 【免提通话】
- ⑮ 【重拨】【暂停】
- ⑯ Navigator key (【↑】, 【↓】, 【←】, 【→】)
- ⑰ 【停止】

Preparation

Cordless handset

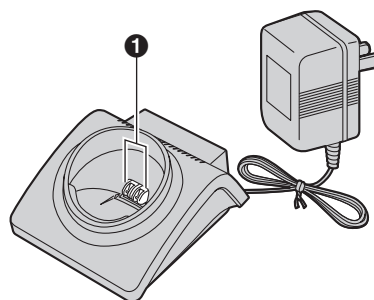


- ① Speaker
- ② Function keys ([F1] key and [F2] key)
- ③ 【通话】
- ④ Navigator key
- ⑤ 【☎】(免提通话)
- ⑥ 【*】(音频)
- ⑦ 【闪断】【清除】
- ⑧ Ringer indicator
- ⑨ Receiver
- ⑩ Display
- ⑪ 【静音】
- ⑫ 【关闭】
- ⑬ 【保留】【来电显示】
- ⑭ 【内线通话】

⑮ Microphone

⑯ Charge contacts

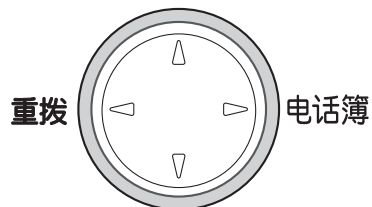
Charger



① Charge contacts

Using the cordless handset navigator key

The cordless handset navigator key can be used to navigate through menus and to select items shown on the display, by pressing [▲], [▼], [◀], or [▶].










【电话簿】([▶] key):

Pressing [▶] allows you to enter the phonebook.



【重拨】([◀] key):

Pressing [◀] allows you to enter the redial list.

Preparation**Display****Base unit display items**

Displayed item	Meaning
	Base unit is paging or is on an intercom call. Cordless handset is on an intercom call. When flashing: cordless handset is in the programming mode. When flashing rapidly: base unit is being paged.
	Line is in use. When flashing: a call is on hold. When flashing rapidly: a call is being received.
	The base unit ringer volume is off.
	The mute is on.
	The base unit speakerphone is on.
	The night mode is activated.
	The status of "Voice select" is shown. ("High tone mode" is shown here.)

Cordless handset display items

Displayed item	Meaning
	The range status of base unit
	Battery strength
子机 1	This cordless handset's extension number (Example: Extension number 1)
[◀, ▶]	You can move the cursor right and left to select the setting.
[▼, ▲]	You can scroll up and down.
*	When viewing the caller list: indicates that this call is missed call.

Preparation

The range status level

The status of the radio between the base unit and the cordless handset is displayed on the cordless handset (Out of range and level 0 ~3).



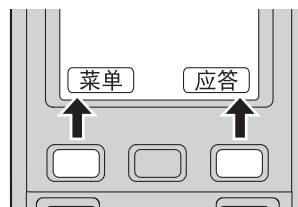
Important:

- When “服务区外” is displayed, move closer to the base unit.
- We recommend you use the cordless handset under the level 2 or 3.
- When you program features using the cordless handset, ensure that “服务区外” is not displayed.
- When the cordless handset is losing communication with the base unit during a conversation, the cordless handset beeps.

Function keys ([F1] key and [F2] key)

The cordless handset features 2 function keys. By pressing a function key, you can select the function displayed directly above it.

- The functions displayed will vary depending on how you are using the unit.
- When a function does not appear above a function key, the function key has no function.



Note:

- In these operating instructions, function key names are written inside brackets, the same way as other unit keys.
Example:
Unit keys: [通话], [关闭], etc.
function keys: [菜单], [应答], etc.

Backlit display and backlit cordless handset keypad

The cordless handset display and dialing buttons will light after pressing any of the cordless handset's controls or placing the cordless handset on the charger. They will also light when a call is being received. The base unit display will light during the use.

Preparation

Initial setting using the cordless handset

Setting the dialing mode

If you cannot make calls, change this setting depending on your telephone line service. The default setting is “音频”.

“音频”: For tone dial service.

“脉冲”: For rotary pulse dial service.

- 1 Press **【 菜单 】** (**[F1]** key).
- 2 Press **【 井】[0][7][9]**.
- 3 Press **【 < 】** or **【 > 】** repeatedly to select the desired setting.
- 4 Press **【 保存 】** (**[F1]** key), then press **【 关闭 】**.

Setting the date and time

Set the date and time so that the unit will:

- display the date and time the calls were received in the caller list (page 36).
- display the date and time while listening to messages using a cordless handset (page 46).
- announce the day and time each message was recorded by the answering system (page 43) when you play back messages.

- 1 Press **【 菜单 】** (**[F1]** key).
- 2 Press **【 井】[0][0][1]**.
- 3 ① Enter the current year.
 - You can set the year 2000 to 2099.
- ② Enter the current month and day by selecting 2 digits for each.

Example: July 15, 2006

Press **【 2】[0][0][6] [0][7] [1][5]**.

日期:2006.12.31
时间:00:00

- 4 Enter the current hour and minute (24-hour clock format) by selecting 2 digits for each.

Example: 21:30

Press **【 2】[1] [3][0]**.

日期:2006.07.15
时间:00:00

- 5 Press **【 保存 】** (**[F1]** key).
 - If the cordless handset beeps 6 times, the date and time were not set correctly. Enter the correct digits.
- 6 Press **【 关闭 】**.

Note:

- If you make a mistake when entering the date and time, press **【 < 】** or **【 > 】** to move the cursor, then make the correction.
- The date and time also display on the base unit display.
- The date and time may be incorrect after a power failure. Set the date and time again.

Making/Answering Calls

Making calls

Using the cordless handset

- 1 Lift the cordless handset and press **【 通话 】**.
 - “号码输入” will be displayed.
- 2 Dial the phone number.
- 3 When finished talking, press **【 关闭 】** or place the cordless handset on the charger.

Note:

- If you press **【 通话 】** while the cordless handset is on the charger, the speakerphone is activated. To switch to the receiver, lift the cordless handset.

To adjust the receiver volume

3 levels (high/medium/low) are available. Press **【 ▼ 】** or **【 ▲ 】** repeatedly while talking.

To use the speakerphone

- 1 Lift the cordless handset and press **【 听 】**.
 - “免提通话中” will be displayed.
- 2 Dial the phone number.
- 3 When the other party answers, speak into the microphone.
- 4 When finished talking, press **【 关闭 】** or place the cordless handset on the charger.

Note:

- Talk alternately with the caller in a quiet room.
- If the other party has difficulty hearing you, press **【 ▼ 】** to decrease the speaker volume.
- While on a call, you can switch from the receiver to the speakerphone by pressing **【 听 】**. To switch back to the receiver, press **【 通话 】**.

To adjust the speaker volume

6 levels (high to low) are available. While using the speaker, press **【 ▼ 】** or **【 ▲ 】** repeatedly.

To dial after confirming the entered number

- 1 Enter the phone number.
 - To correct a digit, press **【 清除 】**. Enter the correct number.
 - To cancel, press **【 关闭 】**.
- 2 Press **【 通话 】** or **【 听 】**.
- 3 When finished talking, press **【 关闭 】** or place the cordless handset on the charger.

To make a call using the redial list

The last 10 phone numbers dialed are stored in the redial list.

- 1 Press **【 重拨 】** (**【 ◀ 】** key).
 - The last number dialed will be displayed.
- 2 Press **【 ▼ 】** or **【 ▲ 】** repeatedly to display the desired number.

Making/Answering Calls

- To delete the displayed number, press **【清除】**, then press **【✳】**.
- You can store the item into the phonebook. Press **【保存】** (**【F1】** key). Follow step 3 on page 26.
- To exit the list, press **【关闭】**.

3 Press **【通话】** or **【聆】**.

PAUSE button (for PBX/long distance service users)

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

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

- 1 Press **【9】**.
- 2 Press **【暂停】** (**【F2】** key), then dial the phone number.
- 3 Press **【通话】** or **【聆】**.

Note:

- A 3.5 second pause is inserted each time **【暂停】** (**【F2】** key) is pressed. Press repeatedly to insert longer pauses.

Using the base unit

- 1 Lift the handset.
- 2 Dial the phone number.
- 3 When finished talking, place the handset on the cradle.

To adjust the receiver volume

3 levels (high/medium/low) are available. Press **【▼】** or **【▲】** repeatedly while talking.

To use the speakerphone

- 1 Press **【免提通话】**.
- 2 Dial the phone number.
- 3 When the other party answers, speak into the microphone.
- 4 When finished talking, press **【免提通话】**.

Note:

- Talk alternately with the caller in a quiet room.
- If the other party has difficulty hearing you, press **【▼】** to decrease the speaker volume.
- While on a call, you can switch from the speakerphone to the handset by lifting the handset. To switch back to the speakerphone, press **【免提通话】**.

Making/Answering Calls

To adjust the speaker volume

9 levels (off, low to high) are available.
While using the speaker, press **[▼]** or **[▲]** repeatedly.

To dial after confirming the entered number

- 1** Enter the phone number.
 - To correct a digit, press **[删除]**. Enter the correct number.
 - To cancel, press **[停止]**.
- 2** Lift the handset.
OR
Press **[免提通话]**.
- 3** When finished talking,
Place the handset on the cradle.
OR
Press **[免提通话]**.

Redialing the last number dialed

- 1** Lift the handset.
OR
Press **[免提通话]**.
- 2** Press **[重拨]**.

PAUSE button (for PBX/long distance service users)

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

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

- 1** Press **[9]**.

- 2** Press **[暂停]**, then dial the phone number.

- 3** Lift the handset.
OR
Press **[听]**.

Note:

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

Making/Answering Calls

Answering calls

Using the cordless handset

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

- 1 Press **[通话]** or **[铃]**.
 - You can also answer a call by pressing any button except **[▼]**, **[▲]**, **[←]**, **[→]**, **[关闭]** or function keys. (Any key talk feature)
- 2 When finished talking, press **[关闭]** or place the cordless handset on the charger.

Auto talk

This feature allows you to answer a call by simply lifting the cordless handset off the charger. You do not need to press **[通话]**. To activate this feature, see page 41.

Adjusting the ringer volume

10 levels (off/high to low/step tone) are available. Press **[▼]** or **[▲]** repeatedly to select the desired volume while in standby mode. “铃声渐强”: The ringer volume increase by a level from low to high when a call is receiving.

- To stop ringing, press **[关闭]**.

To turn the ringer off, press and hold **[▼]** until the cordless handset beeps 2 times.

Note:

- When the ringer volume is set to off, the cordless handset will not ring for outside calls and it will ring at the low level for intercom calls.

Changing the ringer tone

You can change the ringer tone heard when an outside call is received. There are 5 tones and 4 melodies.

- 1 Press **[菜单]** (**[F1]** key).
- 2 Press **[井][0][5][4]**.
- 3 Press **[←]** or **[→]** repeatedly to select “振铃” or “旋律”.
- 4 Press **[选择]** (**[F1]** key).
- 5 Press **[1] - [5]** to select the tone. Press **[1] - [4]** to select the melody.
 - You can select the setting by pressing **[←]** or **[→]**.
- 6 Press **[保存]** (**[F1]** key), then press **[关闭]**.

Note:

- If you select one of the melody ringer patterns, the ringer will continue to sound for several seconds if:
 - the caller hangs up before you answer the call.
 - another person answers the call using another phone connected on the same line.

Making/Answering Calls

Using the base unit

- 1 Lift the handset.
OR
Press **【 免提通話 】**.
- 2 When finished talking:
Place the handset on the cradle.
OR
Press **【 免提通話 】**.

Adjusting the ringer volume

9 levels (off, high to low) are available. While the base unit is not being used, press **【▼】** or **【▲】** repeatedly to select the desired volume.

- To stop ringing, press **【停止】**.

To turn the ringer off, press and hold **【▼】** until the base unit beeps 2 times.

- **🔕** will be displayed.

Note:

- When the ringer volume is set to off, the base unit will not ring for outside calls and it will ring at the low level for intercom calls.

Changing the ringer tone

You can change the base unit ringer tone heard when an outside call is received. There are 5 tones and 4 melodies. While the base unit is not being used, press **【◀】** or **【▶】** repeatedly to select the desired ringer tone.

Note:

- To stop ringing, press **【停止】**.
- If you select one of the melody ringer patterns, the ringer will continue to sound for several seconds if:
 - the caller hangs up before you answer the call.
 - another person answers the call using another phone connected on the same line.

Making/Answering Calls

Useful features during a call

HOLD feature

You can put an outside call on hold.

- The alarm tone will sound and the ringer indicator will flash slowly when you put the call on hold. After 10 minutes, the call will be disconnected.

Melody on hold

If “保留旋律” is turned on, the other party will hear the music during the hold. (To turn this feature on, see page 42).

Using the cordless handset

Press 【保留】 during a conversation.

Note:

- To return to the call, press 【保留】.

Using the base unit

Press 【保留】 during a conversation.

Note:

- To return to the call, press 【保留】.
- If using the handset, you can place it on the cradle.
- You will hear “Melody on hold” from the base unit speaker. 9 levels (off, high to low) are available. Press 【▼】 or 【▲】 repeatedly.

MUTE button

You can mute your voice during a conversation. While mute is turned on you will be able to hear the other party, but the other party will not be able to hear you.

To mute your voice, press 【静音】.

- To return to the conversation, press 【静音】.

Voice select

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

You can select 3 levels of the voice pitch (High/Middle/Low). The default setting is “Middle”.

Note:

- You cannot change the setting while the unit is in speakerphone or intercom mode.
- Once you change the level, it remains for all outside calls until you change it again.
- Depending on the condition and quality of your telephone line, this feature may emphasize existing line noise. If it becomes difficult to hear, change the setting.

Using the cordless handset

- 1 Press 【菜单】 (【F1】 key) during an outside call.
- 2 Scroll to “通话音质设定” by pressing 【▼】 or 【▲】.
- 3 Press 【选择】 (【F1】 key).

Making/Answering Calls

4 Press [◀] or [▶] repeatedly to select the desired setting.

5 Press [选择] ([F1] key).

Using the base unit

Press [选择通话音质] during an outside call. The setting will change each time you press [选择通话音质].

Call share

When the base unit or cordless handset is on an outside call, this feature allows you to join that call.

Note:

- When the other user uses the speakerphone, you cannot join the call.

Using the cordless handset

To join a conversation, press [通话] when the base unit or other cordless handset is on an outside call.

Note:

- “会议通话” will be displayed.
- You cannot join the call by pressing [听].

Using the base unit

To join a conversation, lift the handset or press [免提通话] when the cordless handset is on an outside call.

Note:

- You cannot join the call by pressing [免提通话].

FLASH button

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

Note:

- To change the flash time, see page 42.

For Call Waiting service users

To use Call Waiting, you must subscribe to your telephone company's Call Waiting service.

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 [闪断] to answer the 2nd call.

- The 1st call is put on hold while you answer the 2nd call.
- To switch between calls, press [闪断].

Note:

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

Making/Answering Calls

Temporary tone dialing (for rotary/pulse service users)

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

Note:

- The dialing mode will return to pulse when you hang up.

Recording a telephone conversation

You can record your conversation while on an outside call.

Important:

- When you record your 2-way telephone conversation, you should inform the other party that the conversation is being recorded.

Note:

- You cannot record the conference call.
- Recorded conversations are treated as new messages.
- To listen to the recorded conversation, see page 45.
- If message memory becomes full, recording stops and the ANSWER ON indicator flashes rapidly. Erase unnecessary messages (page 45).

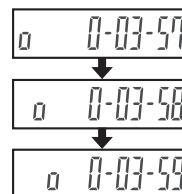
Using the cordless handset

You cannot record a conversation in the speakerphone mode.

- 1 Press **【菜单】([F1] key)** during an outside call.
- 2 Scroll to “通话录音” by pressing **【▼】** or **【▲】**.
- 3 Press **【选择】([F1] key)**.
 - “通话录音中” is displayed and recording starts.
- 4 To stop recording, press **【选择】([F1] key)**.

Using the base unit

- 1 Press **【通话录音】** during a conversation.
 - While recording, “0” is displayed on the base unit display. It moves every a second.



- 2 To stop recording, press **【停止】**.

Note:

- When you press **【免提通话】** during the recording using the handset, the recording stops and switch from the handset to the speakerphone. When you lift the handset during the recording using the speakerphone, the recording stops and switch from the speakerphone to the handset.

Phonebook

Cordless handset phonebook

The cordless handset phonebook allows you to make calls without having to dial manually. You can add 100 names and phone numbers to the cordless handset phonebook and search for phonebook entries by name.

Adding items to the phonebook

1 Press **【电话簿】** (**【▶】** key).

2 Press **【添加】** (**【F1】** key).

姓名输入

3 Enter the name (max. 6 chinese letters or 12 roman letters). See “Entering the name” for entry (page 27, 28).

4 Press **【保存】** (**【F1】** key).

5 Edit the search name (pinyin) if necessary (max. 8 roman letters). See the character table for entry (page 27).

Example:

You entered
“松下电器” in
step 3.

拼音输入
songxiad

- The entered pinyin or roman letters in step 3 will be displayed (including the deleted letters). Edit them as necessary.
- You can search the item using the search name.

6 Press **【保存】** (**【F1】** key).

号码输入

7 Enter the phone number (max. 24 digits).

- If a pause is required when dialing, press **【暂停】** (**【F2】** key) where needed (page 19).

8 Press **【保存】** (**【F1】** key).

9 Select the group by pressing **【1】** - **【9】**.

- If you press **【关闭】** to exit the phonebook, the item is stored in the group 1.
- You can select the group by pressing **【◀】** or **【▶】**.

10 Press **【保存】** (**【F1】** key).

- To add other items, repeat from step 3.

11 Press **【关闭】**.

Note:

- Caller ID subscribers can use ringer ID feature (page 34).

Phonebook

Entering the name

Available character entries

2 character entry modes (the roman letters enter mode and Pinyin zimu enter mode) are available. To change the current character entry mode, press **[F2]** key.

- When you enter the roman letters, you can change the uppercase and lowercase (a ↔ A) by pressing **[*]**.

Character table

The dial keys can be used to enter characters. To enter a character, press the appropriate dial key, repeatedly if necessary. To enter another character that is located on the same dial key, first press **[▶]** to move the cursor to the next space.

Key	Pinyin enter mode	Roman letters mode
[1]	1* ¹	Space # & ' () * , - . / 1
[2]	a b c 2* ¹	a b c 2
[3]	d e f 3* ¹	d e f 3
[4]	g h i 4* ¹	g h i 4
[5]	j k l 5* ¹	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	Space 0

*1 For entering "intonation".

Important for the pinyin enter mode

- An adequate character is displayed at first. (The characters are not displayed in order of the character table.)
- You cannot enter the inadequate letter for Chinese pronunciation. The unit beeps.

To edit/correct a mistake

Press **[◀]** or **[▶]** to move the cursor to the character or number you wish to erase, then press **[清除]**. Enter the appropriate character or number.

Phonebook

Enter the name in the pinyin mode

For example: “松”

- 1 Press **[7]** to enter “s”.
- 2 Press **[6]** to enter “o”.
- 3 Press **[▶]**.
- 4 Press **[6]** to enter “n”.
- 5 Press **[4]** to enter “g”.
- 6 If necessary, enter “intonation” by pressing **[1]**.
 - You can select the “intonation” by entering **[1] – [5]** after the characters.

[1] : “First”	[2] : “Second”
[3] : “Third”	[4] : “Fourth”
[5] : “No intonation”	
- 7 Press **[▼]** repeatedly to change the Pinyin zimu to chinese letter.

姓名输入	
松	
选择	中文

- To stop the change, press **[清除]**.

- 8 Press **[选择]** (**[F1]** key).

Note:

- During entering the pinyin you cannot change the enter mode.

Enter the name in the roman letter

For example: “Tom”

- 1 Press **[中文]** (**[F2]** key) to change the enter mode to “Roman letter”.
- 2 Press **[8]** to enter “t”.
- 3 Press **[✕]** to change the uppercase.
- 4 Press **[6]** three times to enter “O”.
- 5 Press **[✕]** to change the lowercase.
- 6 Press **[▶]**.
- 7 Press **[6]** to enter “m”.

Phonebook

Calling someone in the phonebook

Phonebook items can be searched for alphabetically by scrolling through the phonebook items.

- 1 Press **[电话簿]** (**[▶]** key).
- 2 Press **[▼]** or **[▲]** repeatedly to display the desired item.
 - To exit the phonebook, press **[关闭]**.
- 3 Press **[通话]** or **[呼]**.

To search for a name by the search name

- 1 Press **[电话簿]** (**[▶]** key).
- 2 Press the dialing button (**[0]** to **[9]**) which corresponds to the first letter you are searching for (see the character table, page 27).
Example: “ 松下 ”
Press **[7]** four times to enter “s”.
- 3 Press **[▼]** repeatedly to display the desired item.
 - If there is no item corresponding to the letter you selected, the next item will be displayed.
 - To exit the phonebook, press **[关闭]**.
 - To dial the displayed number, press **[通话]** or **[呼]**.

To search for a name by the group

- 1 Press **[电话簿]** (**[▶]** key).
- 2 Press **[群]**.
- 3 Select the group by pressing **[1] - [9]**.
- 4 Press **[▼]** or **[▲]** repeatedly to display the desired item.
 - To exit the phonebook, press **[关闭]**.
 - To dial the displayed number, press **[通话]** or **[呼]**.

Phonebook

Editing items in the phonebook

- 1** Press **[电话簿]** (**[▶]** key).
- 2** Press **[▼]** or **[▲]** repeatedly to display the desired item.
- 3** Press **[编辑]** (**[F2]** key).
- 4** Edit the name if necessary. See the character table on page 27 for character entry.
- 5** Press **[保存]** (**[F1]** key).
- 6** Edit the search name if necessary.
- 7** Press **[保存]** (**[F1]** key).
- 8** Edit the phone number if necessary.
- 9** Press **[保存]** (**[F1]** key).
- 10** Select the group by pressing **[1] - [9]**.
- 11** Press **[保存]** (**[F1]** key).
 - To edit other items, repeat from step 2.
- 12** Press **[关闭]**.

Erasing items in the phonebook

Erasing an item

- 1** Press **[电话簿]** (**[▶]** key).
- 2** Press **[▼]** or **[▲]** repeatedly to display the desired item.
- 3** Press **[清除]**.
- 4** Press **[✕]**.
 - To cancel erasing, press **[廿]**.
 - To erase other items, repeat from step 2.
- 5** Press **[关闭]**.

Erasing all items

We recommend you erase all items when you dispose of, return or transfer this unit.

- 1** Press **[菜单]** (**[F1]** key).
- 2** Press **[廿][1][4][4]**.
- 3** Press **[选择]** (**[F1]** key).
- 4** Press **[✕]**.
 - To cancel erasing, press **[廿]**, then press **[关闭]**.

Phonebook

Chain dial feature

This feature allows you to dial phone numbers in the cordless handset phonebook while you are on a call. When you make a call using a "calling card" or an "IP phone card", this feature is useful.

Example: Using a long distance calling card

- ① Dial from the phonebook:
8000123456 (Calling card access number).
- ② When prompted, dial from the phonebook:
1234 (Calling card PIN).
- ③ When prompted, dial from the phonebook:
5550123456 (the person you want to call).

1 During an outside call, press
【电话簿】(【▶】key).

2 Press 【▼】 or 【▲】 repeatedly to display the desired item.
 • To search for the item by the search name, see page 29.

3 Press 【通话】.
 • Repeat from step 1 to dial other numbers.

Note:

- When storing a calling card access number and your PIN in the phonebook as one phonebook item, press 【暂停】(【F2】key) to add pauses after the number and PIN as necessary (page 19).

- If you have rotary or pulse service, you need to press 【*】 before pressing 【电话簿】(【▶】key) in step 1 to change the dialing mode temporarily to tone (page 25).

Phonebook

Copying phonebook items

You can copy one or all of the phonebook items from the cordless handset to the phonebook of a compatible Panasonic handset (page 4).

Important:

- Make sure the destination cordless handset is not in use.
- If an outside call is received during the phonebook copy, copying will stop. You will need to copy the item(s) later.
- Ringer ID setting for phonebook items is not copied (page 34).

Copying an item

- 1 Press **[菜单]** (**[F1]** key).
- 2 Press **[井]****[1]****[4]****[3]**.
- 3 Press **[选择]** (**[F1]** key).
- 4 Select the destination handset's number by pressing **[<]** or **[>]**.
- 5 Press **[选择]** (**[F1]** key).
- 6 Select " 单一 " by pressing **[<]** or **[>]**.
- 7 Press **[选择]** (**[F1]** key).
- 8 Press **[▼]** or **[▲]** repeatedly to display the desired item.
 - To search for the item by the search name or the group, see page 29.
- 9 Press **[选择]** (**[F1]** key).

- When the item has been copied, "复制完毕" will be displayed.
- To copy another item, repeat from step 8.

- 10 Press **[关闭]**.

Copying all items

- 1 Press **[菜单]** (**[F1]** key).
- 2 Press **[井]****[1]****[4]****[3]**.
- 3 Press **[选择]** (**[F1]** key).
- 4 Select the destination handset's number by pressing **[<]** or **[>]**.
- 5 Press **[选择]** (**[F1]** key).
- 6 Select " 全部 " by pressing **[<]** or **[>]**.
- 7 Press **[选择]** (**[F1]** key).
- 8 Press **[选择]** (**[F1]** key).
 - When all items have been copied, "复制完毕" and the number of the copied items will be displayed.
- 9 Press **[关闭]**.

One-Touch Dialer

One-Touch Dialer

The base unit has two one-touch dial buttons.
You can make calls without having to dial manually by pressing the buttons.

Adding phone numbers to the one-touch dialer

Important

- Before storing phone numbers, make sure the base unit is not being used.
- 1** Press and hold the one-touch dial button until a beep sounds.
 - 2** Enter the phone number (up to 24 digits).
 - 3** Press the same one-touch dial button.

Note:

- A 3.5 second pause is inserted each time 【暫停】 is pressed. Press repeatedly to insert longer pauses. “尸” is displayed when 【暫停】 is pressed.
- When 【✱】 is pressed, “_” is displayed. When 【✚】 is pressed, “_” is displayed.

To edit a stored phone number

- 1** Press and hold the one-touch dial button until a beep sounds.
- 2** Edit the phone number.
 - Press 【◀】 or 【▶】 to move the cursor, To erase a digit, press 【删除】.
- 3** Press the same one-touch dial button.

Calling someone with the one-touch dialer

Lift the handset, then press the desired one-touch dial button.

OR

Press the desired one-touch dial button to use the speakerphone.

Caller ID Service

Caller ID service

This unit is Caller ID compatible. To use Caller ID features, you must subscribe to your telephone company's Caller ID service.

Using the base unit

When an outside call is being received, the calling party's telephone number will be displayed.

Note:

- If the unit cannot receive caller information, "-----" is displayed while the call is received.
- If the unit is connected to a PBX system, caller information may not be received properly. Consult your PBX supplier.
- The base unit is not displayed the caller name even if you subscribe to the name display service.

Using the cordless handset

When an outside call is being received, the calling party's telephone number will be displayed.
Telephone numbers for the last 20 different callers will be logged in the cordless handset caller list, allowing you to return missed calls. Caller information is stored by the most recent call to the oldest.

- When Caller ID information is received and it matches a phone number stored in the phonebook:
 - The stored name will be displayed and logged in the caller list. (**Private name display**)

- The cordless handset will use the ringer tone you assigned to the group. (**Ringer ID**)

- If the unit cannot receive caller information, the following will be displayed:
 - “服务区外”: The caller dialed from an area which does not provide Caller ID service.
 - “未知号码”: The caller requested not to send caller information.
 - “长途电话”: The caller called you long distance.
 Please contact your telephone service provider for details and availability of this service in your area.
- If the name display service is available in your area, the display will show caller names. For further information, please contact your telephone company.

Ringer ID

This feature can help you identify who is calling by using different ringers for different groups stored in the cordless handset phonebook.

You can assign a different ringer to each phonebook group.

When a call is received from a caller stored in the phonebook, the ringer is used after Caller ID information is displayed.

If you select “未设定” (default), the unit will use the ringer tone you set on page 21 when a call is received from that caller.

- Usually the ringer will be changed from the 2nd ring.

1 Press [菜单] ([F1] key) .

2 Press [井][1][3][5].

Caller ID Service

- 3** Press **[1] - [9]** to select the desired group.
 - You can select the group by pressing **[◀]** or **[▶]**.
- 4** Press **[选择]** (**[F1]** key).
- 5** Press **[◀]** or **[▶]** repeatedly to select the desired setting.
- 6** Press **[选择]** (**[F1]** key).
 - If you selected “未设定”, go to step 9.
- 7** Press **[1] - [5]** to select the tone.
Press **[1] - [4]** to select the melody.
 - You can select the setting by pressing **[◀]** or **[▶]**.
- 8** Press **[保存]** (**[F1]** key).
- 9** Press **[关闭]**.

Selective ring/call rejection (Blacklist)

This feature make you reject the call which you do not want to receive (Blacklist). You can also select the called unit when the designated caller make a call. You can activate this feature for up to 10 phone number.

“黑名单”: When the designated caller makes a call, the units do not ring. The phone number will be displayed on the base unit display for a few seconds. You cannot answer the call.

“来电指定”: When the designated caller makes a call, only the selected unit rings and you can answer the call using the unit. When a call is receiving, the phone number will be displayed on the selected unit and the base unit display will light.

Important

- **For call waiting service users:**
When you receive a call while on the call, this feature does not work.

Note:

- The rejected call is logged as a missed call in the caller list.
- The rejected caller is charged for the call.

To store an item

- 1** Press **[菜单]** (**[F1]** key) .
- 2** Press **[#][1][3][6]**.
- 3** Select “开” by pressing **[◀]** or **[▶]**.
- 4** Press **[保存]** (**[F1]** key).
- 5** Press **[▼]** or **[▲]** repeatedly to display the vacant item number.
- 6** Enter the phone number (from 5 digits to 22 digits).
- 7** Press **[保存]** (**[F1]** key).
- 8** Press **[◀]** or **[▶]** repeatedly to select the desired setting.
- 9** Press **[保存]** (**[F1]** key).
 - To add other items, repeat from step 5.
- 10** Press **[关闭]**.

To edit a stored item

- 1** Press **[菜单]** (**[F1]** key) .
- 2** Press **[#][1][3][6]**.
- 3** Select “开” by pressing **[◀]** or **[▶]**.

Caller ID Service

- 4 Press **【保存】** (**[F1]** key).
- 5 Press **【▼】** or **【▲】** repeatedly to display the desired item.
- 6 Edit the phone number (from 5 digits to 22 digits).
- 7 Press **【保存】** (**[F1]** key).
- 8 Press **【◀】** or **【▶】** repeatedly to select the desired setting.
- 9 Press **【保存】** (**[F1]** key).
- 10 Press **【关闭】**.

To turn an item off

- 1 Press **【菜单】** (**[F1]** key).
- 2 Press **【#】****[1]****[3]****[6]**.
- 3 Select “开” by pressing **【◀】** or **【▶】**.
- 4 Press **【保存】** (**[F1]** key).
- 5 Press **【▼】** or **【▲】** repeatedly to display the desired item.
- 6 Delete the number by pressing **【清除】** repeatedly.
- 7 Press **【保存】** (**[F1]** key).
- 8 Press **【关闭】**.

To turn all item off

- 1 Press **【菜单】** (**[F1]** key).
- 2 Press **【#】****[1]****[3]****[6]**.
- 3 Select “关” by pressing **【◀】** or **【▶】**.
- 4 Press **【保存】** (**[F1]** key).
- 5 Press **【关闭】**.

Caller list for cordless handset

Caller information for the last 20 different callers will be logged in the caller list. You can use this list to return missed calls. The phone number is displayed up to the last 16 digits.

- Caller information includes phone numbers and the date and time of calls.
- Make sure the unit's date and time setting is correct (page 17).

Missed calls

If a call is not answered, the unit treats the call as a missed call. The number of missed calls is shown on the cordless handset display. This lets you know if you should view the caller list to see who called while you were out.

The item will be displayed with “*” in the caller list. Once you view the item, “*” will disappear from all cordless handsets' caller list.

Viewing the caller list and calling back

- 1 Press **【来电显示】**.
- 2 Press **【▼】** to search from the most recent call, or press **【▲】** to search from the oldest call.
 - To exit the caller list, press **【关闭】**.
- 3 Press **【通话】** or **【聆】**.

Caller ID Service

Note:

- Calling back will not be possible if the caller information does not include a phone number.
- In some cases, you may have to edit the number before dialing.
- If the caller's name and phone number are stored in the phonebook, the caller's name and phone number are alternately displayed.

Example:

松下電器
10.10 14:10
↑↓
5553334444
10.10 14:10

Editing a caller's phone number before calling back

You can edit a phone number in the caller list to call it back.

- 1 Press 【 来电显示 】.
- 2 Press 【▼】 or 【▲】 repeatedly to display the desired item.
- 3 Press 【 编辑 】 (【F2】 key).
- 4 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 【清除】.
- 5 To return a call, press 【 通话 】 or 【 聆 】.

Note:

- The edited phone number will not be saved in the caller list.

Storing caller information into the phonebook

Items in the caller list can be stored into each cordless handset's phonebook.

- 1 Press 【 来电显示 】.
- 2 Press 【▼】 or 【▲】 repeatedly to display the desired item.
- 3 Press 【 保存 】 (【F1】 key).
- 4 Press 【 ✕ 】 to select “ 电话簿 ”.
- 5 Enter the name and the search name if necessary (see page 26, step 3 - 5).
- 6 Press 【 保存 】 (【F1】 key).
- 7 Edit the phone number if necessary.
- 8 Press 【 保存 】 (【F1】 key).
- 9 Select the group by pressing 【1】 - 【9】.
 - You can select the group by pressing 【←】 or 【→】.
- 10 Press 【 保存 】 (【F1】 key).
- 11 Press 【 关闭 】.

Note:

- If the caller information does not include a phone number, you cannot store it in the phonebook.

Caller ID Service

Setting caller information to selective ring

Items in the caller list are assigned to selective ring (page 35).

- 1 Press **[来电显示]**.
- 2 Press **[▼]** or **[▲]** repeatedly to display the desired item.
- 3 Press **[保存]** (**[F1]** key).
- 4 Press **[指定]** to select “来电指定”.
- 5 Enter the phone number if necessary (from 5 digits to 22 digits).
 - The vacant item number is selected automatically.
- 6 Press **[保存]** (**[F1]** key).
- 7 Press **[◀]** or **[▶]** repeatedly to select the desired setting.
- 8 Press **[保存]** (**[F1]** key).
- 9 Press **[关闭]**.

Erasing caller information

Erasing an item

- 1 Press **[来电显示]**.
- 2 Press **[▼]** or **[▲]** repeatedly to display the desired item.
- 3 Press **[清除]**.
- 4 Press **[✕]**.
 - To cancel erasing, press **[指定]**.
 - To erase other items, repeat from step 2.
 - To exit the caller list, press **[关闭]**.

Erasing all items

Make sure that you have no missed calls.

- 1 Press **[来电显示]**.
- 2 Press **[清除]**.
 - “全部删除” will be displayed.
- 3 Press **[✕]**.
 - To cancel erasing, press **[指定]**, then press **[关闭]**.

Note:

- The cordless handset shares the caller list with the other cordless handsets. The erased item will disappear from other cordless handsets' caller list.

Programmable Settings

Guide to cordless handset programming

You can customize the unit by programming the following features using the handset. To access the features, there are 2 methods: scrolling through the display menus (see below) or using the direct commands (page 41).

- Mainly the direct command method is used in these operating instructions.

Important:

- Before programming, make sure the cordless handset and base unit are not being used. The cordless handset must be operated near the base unit.

Programming by scrolling through the display menus

- 1 Press [菜单] ([F1] key).
 - “系统设置” is displayed.
- 2 Press [▼] or [▲] to select the desired main menu.
- 3 Press [选择] ([F1] key).
- 4 Press [▼] or [▲] to select the desired sub-menu.
- 5 Select the desired setting by pressing [◀] or [▶].
 - This step may vary depending on the feature being programmed.
- 6 Press [保存] ([F1] key).
- 7 Press [关闭].

Note:

- Only “子机信息” is displayed when:
 - “服务区外” is displayed on the cordless handset display.
 - the base unit or other cordless handset is in use.

During programming:

- To exit programming, press [关闭] at any time.

Programmable Settings

Main menu	Sub-menu	Page
初始设定	日期和时间	17
	拨号方式	17
响铃次数	响铃次数	49
	夜间模式	50
电话簿	电话簿复制	32
电话应答系统	外线密码	49
	录音时间	49
	问候语录音	43
	删除问候语	44
	留言全部删除	47
来电显示	来电指定功能	35
子机信息 *1	自动接听	21
	铃声	21
	按键音	—
	响铃分组	34
	子机 解除 / 注册	55
	电话簿删除	30
其他信息	保留旋律	23
	闪断时间	—
	话音转发	52
全部功能表示	All above sub-menus are displayed by pressing [▼] or [▲].	

*1 You need to program these settings separately for each cordless handset.

Programmable Settings

Programming using the direct commands

- 1 Press **【 菜单 】** (**[F1]** key), then press **【 井 】**.
- 2 Enter the desired feature code (shown below).
- 3 Select the desired setting by pressing **【 ◀ 】** or **【 ▶ 】**.
 - This step may vary depending on the feature being programmed.
- 4 Press **【 保存 】** (**[F1]** key).
- 5 Press **【 关闭 】** to exit programming mode.

Note:

- If you entered the other code wrongly, press **【 关闭 】** then start again by pressing **【 菜单 】** (**[F1]** key).
- If you entered the wrong code, enter the correct code again.

Important:

- The default settings are indicated by < >.

Feature	Feature code	Setting	Page
Date and time	[0] [0] [1]	Enter date and time.	17
Set dial mode	[0] [7] [9]	Pulse, <Tone>	17
Ring count	[1] [2] [1]	2 rings, <4 rings>, 6 rings, 9 rings, Toll saver	49
Night mode	[1] [1] [7]	On, <Off>	50
Copy phonebook	[1] [4] [3]		32
Remote code	[0] [0] [6]	Enter remote code.	49
Recording time	[0] [3] [0]	<2 minutes>, No limit, Greeting only	49
Record greeting	[1] [4] [7]		43
Erase greeting	[1] [4] [8]		44
Erase all messages	[1] [6] [3]		47
Selective ring	[1] [3] [6]		35
Auto talk ^{*1}	[0] [0] [9]	On, <Off>	21

Programmable Settings

Feature	Feature code	Setting	Page
Ringer tone	[0] [5] [4]	<Tone 1>, Tone 2, Tone 3, Tone 4, Tone 5, Melody 1, Melody 2, Melody 3, Melody 4	21
Key tone ^{*2}	[0] [5] [8]	<On>, Off	–
Ringer ID	[1] [3] [5]		34
Registration	[1] [2] [3]	Registering, deregistering	55
Erase phonebook	[1] [4] [4]		30
Melody on hold	[0] [7] [1]	<On>, Off	23
Set flash time ^{*3}	[0] [7] [2]	<700 ms>, 600 ms, 400 ms, 300 ms, 250 ms, 110 ms, 100 ms, 90 ms	–
Voice paging	[0] [6] [6]	On, <Off>	52

*1 If you subscribe to Caller ID service and want to view the caller's information on the cordless handset display after lifting up the cordless handset to answer a call, turn off this feature.

*2 You can select whether or not key tones are heard when keys are pressed. Includes confirmation tones.

*3 If the unit is connected via a PBX, certain PBX functions (call transferring, etc.) may not work correctly. Consult your PBX supplier for the correct setting.

Answering System Features

Answering system

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

For details about memory capacity, see page 47.

Important:

- Only 1 person can access the answering system (listen to messages, record a greeting message, etc.) 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 set (page 17).
- You can select the caller's recording time (page 49).

Recording your greeting message

You can record your own greeting message (max. 16 seconds) using the cordless handset. The greeting message will be played when the answering system answers a call. If you do not record a greeting message, a pre-recorded greeting message will be used.

Sample greeting message: "This is (your name). We are unable to answer the phone right now. Please leave a message after the beep. Thank you."

- 1 Press 【 菜单 】 ([F1] key).
- 2 Press 【 井】[1][4][7].
- 3 Press 【 选择 】 ([F1] key).
- 4 Press 【 选择 】 ([F1] key) again.
- 5 After the unit beeps, speak clearly about 20 cm away from the microphone.
- 6 To stop recording, press 【 选择 】 ([F1] key).
 - To check the greeting message, the recorded greeting message is announced.
- 7 To stop the playback, press 【 选择 】 ([F1] key) or 【 关闭 】.
- 8 Press 【 关闭 】.

Answering System Features

Erasing your greeting message

- 1 Press 【菜单】 ([F1] key).
- 2 Press 【#】[1][4][8].
- 3 Press 【选择】 ([F1] key).
- 4 Press 【*】.
 - To cancel erasing, press 【#】, then press 【关闭】.

Note:

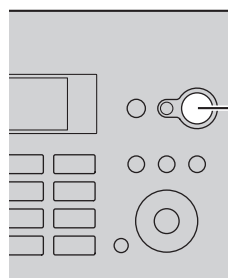
- If you do not re-record your greeting message, the unit will use a pre-recorded greeting message.

Pre-recorded greeting message

If you do not record a greeting message, one of 2 pre-recorded messages will be played when a call is received depending on the caller's recording time (page 49).

- When the recording time is set to “2分钟” or “最大”:
“您好, 我现在外出, 请在 ‘嘟’ 声后留下您的名字与电话号码, 我回来之后再给您打电话。 (*Hello, we are not available now. Please leave your name and phone number after the beep. We will return your call.*)”
- When the recording time is set to “仅问候语不能录音”:
“您好, 我现在外出, 请以后再打电话联系。谢谢。 (*Hello, we are not available now. Please call again. Thank you for your call.*)”

Turning the answering system on/off



【自动应答】 and ANSWER ON indicator

Press 【自动应答】.

- When the answering system is turned on, the ANSWER ON indicator lights and the unit announces the greeting message. If less than 3 minutes of recording time is available, the unit will announce the remaining recording time.
- When the answering system is turned off, the ANSWER ON indicator turns off. If you have new messages, the unit will play the new messages.

Screening your 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.

You can answer the call by lifting the handset or pressing 【免提通话】.

Answering System Features

Listening to messages

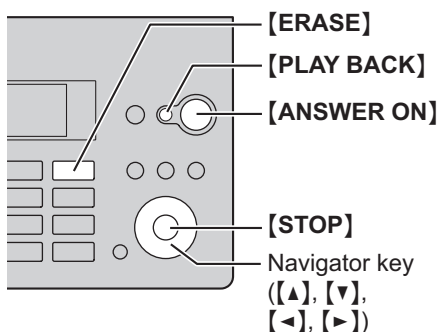
The base unit display will show the number of messages (old and new).
When new messages have been recorded:

- the total number will flash.
- the ANSWER ON indicator will flash slowly (if the answering system is turned on).

Note:

- During playback, the unit will announce the day and time that each message was recorded. (**Voice time/day stamp**)

Using the base unit



Press **[播放留言]**.

- The unit will announce the number of new messages and will play back the new messages.
- When you have no new messages, the unit will play back all messages.
- To stop playback, press **[停止]**.

Note:

- The display shows the message number during playback.
- At the end of the last message, the unit beeps.

To adjust the speaker volume

9 levels (off, high to low) are available. Press **[▼]** or **[▲]** repeatedly while using the answering system.

Repeating a message

Press **[◀]** (**[◀◀]**) while listening to the message.

- If pressed within the first 5 seconds of a message, the previous message will be played.

Skipping a message

Press **[▶]** (**[▶▶]**) to play the next message.

Erasing a specific message

Press **[删除]** while listening to the message you want to erase.

Erasing all messages

1 Press **[删除]** while the base unit is not being used.

- The unit will announce “再按一次删除键，来删除所有留言(*To erase all messages, press ERASE again.*)”

2 Within 10 seconds, press **[删除]** again.

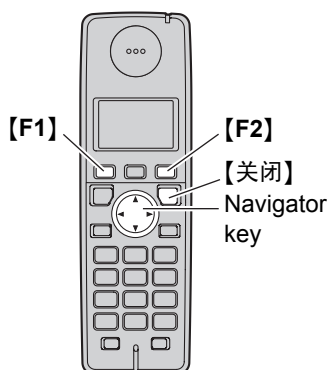
- The unit will announce “没有留言(*No messages*)”.

Note:

- Caller information for the erased messages will remain in the caller list.

Answering System Features

Using the cordless handset



Press 【应答】 ([F2] key), then press 【4】.

Note:

- The unit will announce the number of new messages, and will play back the new messages.
- To switch to the receiver and to listen to the messages with privacy, press 【📞】. To switch back to the speaker, press 【🔊】 again.
- When you have no new messages, the unit will announce “没有新留言 (No new messages.)”.
- Adjust the speaker or receiver volume using 【▼】 or 【▲】.
- During playback, the phone number and the date and time of calls will be displayed. (If the call matches a phone number stored in the phonebook, the stored name will be displayed.)
- At the end of the last message, the unit announces “留言播放完毕 (End of final message)”. Then “播放留言” is displayed. To delete new messages, press 【✱】. To cancel 【#】.

Repeating a message

Press 【◀】 while listening to the message.

- If pushed within the first 5 seconds of a message, the previous message will be played.

Skipping a message

Press 【▶】 to play the next message.

Answering system commands

You can operate the answering system by pressing dial keys.

To use the following commands, press

【应答】 ([F2] key), then press the appropriate dial key.

Key	Command
【1】 or 【◀】	Repeat message (during playback) ^{*1}
【2】 or 【▶】	Skip message (during playback)
【4】	Play new messages
【5】	Play all messages
【8】	Turn answering system on
【9】	Stop
【0】	Turn answering system off
【✱】【4】 ^{*2}	Erase this message (during playback)
【✱】【5】	Erase all messages

^{*1} If pressed within the first 5 seconds of a message, the previous message will be played.

^{*2} You can also erase the message by the following:

Press 【清除】, then press 【✱】.

Answering System Features

Erasing all messages

- 1 Press **【 菜单 】** (**[F1]** key).
- 2 Press **【 冫】****[1]****[6]****[3]**.
- 3 Press **【 选择 】** (**[F1]** key).
 - If you have the message which you do not listen to, “有未播放留言” is displayed for a few seconds.
- 4 Press **【 ✕ 】**.
 - To cancel erasing, press **【 冫】**, then press **【 关闭 】**.

Memory capacity

The total recording capacity (including caller messages and recorded conversations) is about 12 minutes. A maximum of 50 messages can be recorded.

- If message memory becomes full:
 - the ANSWER ON indicator flashes rapidly.
 - the unit announces “留言已录满 (*Memory full*)” when operating the answering system.

To record additional messages, erase unnecessary messages.
- Messages are retained even if a power failure occurs. All messages are saved until you erase them. (**Flash memory message backup**)
- The total recording capacity may be changed by the calling party's and your background noise. (The displayed and announced remaining recording time will be also changed.)

Note:

- If message memory becomes full, the unit will automatically switch to the “仅问候语不能录音” mode. The pre-recorded message used for “仅问候语不能录音” mode will be announced to callers (page 44). New messages will not be recorded.

Answering System Features

Remote operation

Using a touch tone phone, you can call your phone number from outside and access the unit to listen to messages.

Important:

- In order to operate the answering system remotely, you must first set a remote code (page 49). This code must be entered each time you operate the answering system remotely.

Using the answering system remotely

- 1 Dial your phone number from a touch tone phone.
 - If the ring count is set to “留言查询话费节省” (page 49), the number of rings you hear will indicate whether or not you have new messages.
- 2 After the greeting message starts, enter your remote code.
 - The unit will announce the number of new messages, and will play back the new messages.
 - When you have no new messages, the unit will announce “没有新留言 (No new messages.)”.
- 3 Enter the remote commands.
- 4 When finished, hang up.

Note:

- When you press a key, press firmly.
- You can hang up at any time.

Remote commands

You can press dial keys to access certain answering system functions.

Key	Remote command
[1]	Repeat message (during playback) ^{*1}
[2]	Skip message (during playback)
[4]	Play new messages
[5]	Play all messages
[9]	Stop ^{*2}
[0]	Turn answering system off
[*][4]	Erase this message (during playback)
[*][5]	Erase all messages

^{*1} If pushed within the first 5 seconds of a message, the previous message will be played.

^{*2} To resume operation, press a command key within 10 seconds, or the call will be disconnected.

Turning on the answering system remotely

If the answering system is off, you can turn it on remotely.

- 1 Dial your phone number.
- 2 Let the phone ring more than 15 times.
 - The unit will answer 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.

Answering System Features

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. Store any 4-digit number.

- 1 Press [菜单] ([F1] key).
- 2 Press [井] [0] [0] [6].
- 3 Select the desired remote code by entering a 4-digit number.
- 4 Press [保存] ([F1] key), then press [关闭].

Note:

- To confirm the remote code, repeat steps 1 to 2. Press [关闭] when finished.
- We recommend you change the remote code periodically.
- Do not use the remote code such as "0000" or your phone number which are easy to guess.

Ring count

You can change the number of times the phone rings before the unit answers calls. You can select 2, 4, 6, 9 rings or "留言查询话费节省".
"留言查询话费节省": The unit rings less than 4 times before the unit answers when new messages have been recorded, and more than 4 times and more when there are no new messages. If you call your phone from outside to listen to new

messages (page 48), you will know that there are no messages when the phone rings for the 4th time. You can then hang up without being charged for the call.

- 1 Press [菜单] ([F1] key).
- 2 Press [井] [1] [2] [1].
- 3 Press [◀] or [▶] repeatedly to select the desired setting.
- 4 Press [保存] ([F1] key), then press [关闭].

Note:

- If selective ring is turned on (page 35), the caller may hear one more rings than the selected number of times.

Caller's recording time

You can change the maximum message recording time allotted to each caller.

"2分钟": Caller messages are limited to 2 minutes.

"最大": A caller message can be recorded until the memory is full.

"仅问候语不能录音": The unit plays the greeting message but does not record caller messages.

- 1 Press [菜单] ([F1] key).
- 2 Press [井] [0] [3] [0].
- 3 Press [◀] or [▶] repeatedly to select the desired setting.
- 4 Press [保存] ([F1] key), then press [关闭].

Answering System Features

Note:

- If message memory becomes full, the unit will automatically switch to the “仅问候语不能录音” mode.

Night mode

Night mode allows you to select a block of time during which the units will not ring for outside calls. This feature is useful for times when you do not want to be disturbed, for example, while sleeping. Night mode is activated by the timer. When the date and time are not set, the night mode is not activated. Set the date and time beforehand (page 17).

Note:

- Even if you turned the answering system off, the answering system is turned on while the night mode is activated.
- If you turn the answering system off, the night mode stops.
- When the night mode is activated, the base unit does not sound the confirmation tones and error tones. While the answering system is answering a call, the message is not heard.
- The ringer tone for intercom calls is heard.
- When the date and time are incorrect, the night mode is activated incorrectly.

- 1 Press 【 菜单 】 ([F1] key).
- 2 Press 【 井字键 】 ([1][1][7]).
- 3 Press 【 左箭头 】 or 【 右箭头 】 repeatedly to select the desired setting.
- 4 Press 【 保存 】 ([F1] key).

- 5 Set the start time.

- 6 Set the finish time.

- 7 Press 【 保存 】 ([F1] key), then press 【 关闭 】.

Multi-unit Operation

Intercom

Intercom calls can be made between a cordless handset and the base unit, and between the cordless handset and a compatible Panasonic handset (page 4). Call the desired unit by selecting the extension number, shown in each cordless handset's display while in not use. (The extension number is not displayed when the date and time are not set or you have missed calls.) The base unit's extension number is "0".

Note:

- You can locate a misplaced cordless handset by paging it. **(Handset locator)**
- When you page all units, the user who answers first can talk with you.

Interrupt tone

If you receive a phone call while talking on the intercom, you will hear the ringer tone.
Base unit: The selected ringer tone for outside call (page 22).
Cordless handset: "Tone 1"

To answer the call

Cordless handset:

Press **[关闭]**, then press **[通话]** or **[铃]**.

Base unit

Using the handset: Place the handset on the cradle, then lift the handset or press **[免提通话]**.

Using the speakerphone: Press **[免提通话]**, then lift the handset or press **[免提通话]**.

Making an intercom call

Using the cordless handset

- 1 Press **[内线通话]**.

More than 2 cordless handsets:

To page the base unit, press **[0]**.

To page other handset, press its extension number (**[1]** to **[6]**).

To page all units, press **[*]**.

- The destination unit will ring.
- If Voice Paging is turned on (page 52), speak into the microphone after the two rings.

- 2 To end the intercom call, press **[关闭]**.

Note:

- During an intercom call, you cannot switch to the speakerphone.

Using the base unit

- 1 Lift the handset, then press **[内线通话]**.
OR
Press **[内线通话]** to use the speakerphone.

More than 2 cordless handsets:

To page other handset, press its extension number (**[1]** to **[6]**).

To page all units, press **[*]**.

- The destination unit will ring.
- If Voice Paging is turned on (page 52), speak into the microphone after the two rings.

- 2 To end the intercom call,
Press **[内线通话]**
OR
Place the handset on the cradle.

Multi-unit Operation

Note:

- If you have difficulty hearing the other party while using the speaker, decrease the speaker volume.
- To adjust the base unit's speaker volume, press [▼] or [▲] repeatedly. 9 levels (off, high to low) are available.
- During an intercom call, the base unit user can switch to the speaker by pressing [免提通话]. To switch to the receiver, lift the handset.

Voice paging

This feature allows you to make a voice announcement that is heard through the speakers.

- 1 Press [菜单] ([F1] key).
- 2 Press [≡][0][6][6].
- 3 Press [◀] or [▶] repeatedly to select the desired setting.
- 4 Press [保存] ([F1] key), then press [关闭].

Note:

- When the other unit is on an outside call, you cannot make a voice announcement. The destination unit rings.

Answering an intercom call

Using the cordless handset

- 1 Press [通话] or [内线通话] to answer.
- 2 When finished talking, press [关闭] or place the handset on the charger.

Using the base unit

- 1 Press [内线通话].
OR
Lift the handset.
- 2 When finished talking,
Press [内线通话].
OR
Place the handset on the cradle.

Multi-unit Operation

Transferring a call

Outside calls can be transferred between the cordless handset and base unit, and between the cordless handset and a compatible Panasonic handset (page 4).

Note:

- When you page all units, the user who answers first can take the transferred call.

Transferring a call from the cordless handset

- 1 During an outside call, press 【 内线通话 】.

More than 2 cordless handsets:

To page the base unit, press 【0】.
To page other handset, press its extension number (【1】 to 【6】).
To page all units, press 【*】.

- The call will be put on hold.

- 2 Wait for the paged party to answer.
 - The paged cordless handset user can answer by pressing 【通话】 or 【内线通话】.
 - If there is no answer, press 【通话】 to return to the outside call.

- 3 To complete the transfer, press 【 关闭 】.

Transferring a call from the base unit

- 1 During an outside call, press 【 内线通话 】.

More than 2 cordless handsets:

To page other handset, press its extension number (【1】 to 【6】).
To page all units, press 【*】.

- The call will be put on hold.

- 2 Wait for the paged party to answer.

- 3 To complete the transfer, Using the speakerphone:
Press 【 免提通话 】.

OR

Using the handset:
Place the handset on the cradle.

Multi-unit Operation

Conference calls

A conference call allows the cordless handset and the base unit or a compatible Panasonic handset (page 4) to speak together with an outside party.

Note:

- When you page all units, the user who answers first can establish a conference call.

Using the cordless handset

- 1 During an outside call, press
【 内线通话 】.

More than 2 cordless handsets:

To page the base unit, press **[0]**.
To page other handset, press its extension number (**[1]** to **[6]**).
To page all units, press **[*]**.

- The call will be put on hold.

- 2 When the paged party answers, press
【 保留 】 on your cordless handset to establish a conference call.

- “会议通话” will be displayed.
- To leave the conference, press
【 关闭 】. The other 2 parties can continue the conversation.

Note:

- The outside call can be put on hold by pressing **【 保留 】** during a conference call. Communications between extensions are not suspended.
- You can cancel the conference call by pressing **【 通话 】**. You and the outside party can continue the conversation.

Using the base unit

- 1 During an outside call, press
【 内线通话 】.

More than 2 cordless handsets:

To page other handset, press its extension number (**[1]** to **[6]**).
To page all units, press **[*]**.

- The call will be put on hold.

- 2 When the paged party answers, press
【 保留 】 on your base unit to establish a conference call.

Note:

- While you use the speakerphone, you cannot make a conference call.
- The outside call can be put on hold by pressing **【 保留 】** during a conference call. Communications between extensions are not suspended.

Multi-unit Operation

Registration

Canceling the cordless handset registration

If you no longer need to use the cordless handset or if you want to use the cordless handset with a different base unit of the same model, it is necessary to cancel the cordless handset's registration from the current base unit.

Important:

- Before canceling, make sure the base unit is not being used.
- Have the cordless handset and base unit near each other when canceling the cordless handset.
- If you do not use the cordless handset after canceling registration, remove the battery.
- If you cancel the cordless handset registration of the extension number 1, the date and time are not backed up during a power failure.

- 1 Press **[菜单]** (**[F1]** key).
- 2 Press **[井]****[1]****[2]****[3]**.
- 3 Press **[选择]** (**[F1]** key).
- 4 Press **[1]** to select “解除”.
- 5 Press the desired extension number (**[1]** to **[6]**).


Registering the cordless handset

To use an additional cordless handset (page 4), you need to register the cordless handset to the base unit.

Important:

- Before registering, make sure the base unit and the other cordless handsets are not being used.
- Have the cordless handset and base unit near each other when re-registering the cordless handset.
- If “服务区外” is displayed even when the cordless handset is near the base unit, you may need to re-register the cordless handset to the base unit.

1 Base unit:

Press and hold **[内线通话]** until  flashes.

- The rest of the procedure must be completed within 3 minutes.

2 Cordless handset:


Press **[菜单]** (**[F1]** key).

- If “无法连接到座机” is displayed, wait until “系统设置” is displayed.

3 Press **[井]****[1]****[2]****[3]**.

4 Press **[选择]** (**[F1]** key).

5 Press **[保存]** (**[F1]** key).

- When the cordless handset has been registered, you must select “解除” or “注册”. Press **[2]** to select “注册”.
-  disappears.

Note:

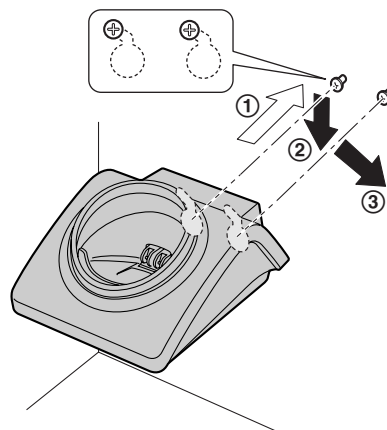
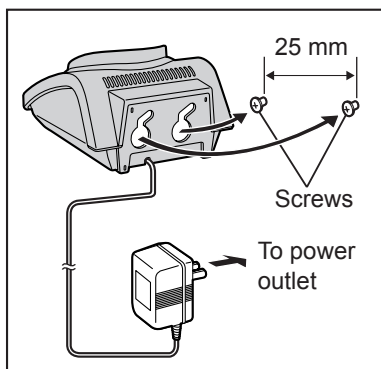
- The empty extension number is assigned automatically.

Useful Information

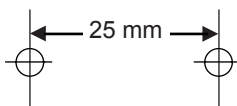
Wall mounting for the charger

The charger can be wall mounted, as shown below.

- 1** Connect the AC adaptor.
- 2** Drive the screws (not included) into the wall using the wall mount template (see below).
- 3** Mount the charger (①).
- 4** Slide it down (②) and to the right (③) until it is secure.



Wall mount template



Useful Information

Error messages

If the unit detects a problem, one of the following messages will be displayed on the cordless handset.

Display message	Cause & solution
使用中 现在不能操作	<ul style="list-style-type: none">● The called cordless handset is in use.● The base unit is in use. Try again later.● Another user is listening to messages. Try again later.
无记录	<ul style="list-style-type: none">● Your redial list or caller list is empty.
无法连接到座机	<ul style="list-style-type: none">● The cordless handset has lost communication with the base unit. Move closer to the base unit, and try again.● Confirm that the base unit's AC adaptor is plugged in.● Raise the base unit antenna.● The cordless handset's registration may have been canceled. Re-register the handset (page 55).
电话簿已满	<ul style="list-style-type: none">● There is no space to store new items in the phonebook. Erase unnecessary items (page 30).
电话簿没有记录	<ul style="list-style-type: none">● Your phonebook is empty.● The item does not have the phone number.● The selected group does not have items.
内存已满 不能录音	<ul style="list-style-type: none">● Recording memory is full. Erase unnecessary messages (page 45).
复制失败	<ul style="list-style-type: none">● The cordless handset has lost communication with the base unit. Move closer to the base unit, and try again.
注册失败	<ul style="list-style-type: none">● Move closer to the base unit, and try again.
来电指定已满	<ul style="list-style-type: none">● There is no space to store new items in the selective ring list.
没有增设子机	<ul style="list-style-type: none">● The other cordless handset is not registered.

Useful Information

Troubleshooting

General use

Problem	Cause & solution
The unit does not work.	<ul style="list-style-type: none"> ● Make sure that the battery is installed correctly (page 10). ● Check the connections (page 9). ● Fully charge the battery (page 11). ● Clean the charge contacts and charge again (page 11). ● Unplug the base unit's AC adaptor to reset the unit. Reconnect the adaptor and try again. ● Re-install the battery (page 10) and fully charge it.
The display shows “无法连接到座机” and an alarm tone sounds.	<ul style="list-style-type: none"> ● The cordless handset has lost communication with the base unit. Move closer to the base unit, and try again. ● Confirm that the base unit's AC adaptor is plugged in. ● Raise the base unit antenna. ● If the above remedies do not solve the problem, the cordless handset may have lost communication with the base unit. Register the cordless handset again (page 55).
I cannot hear a dial tone.	<ul style="list-style-type: none"> ● Confirm that the telephone line cord is connected (page 9). ● Disconnect the unit from the telephone line and connect a known working telephone. If the working telephone operates properly, contact our service personnel to have the unit repaired. If the working telephone does not operate properly, contact your telephone company.
“服务区外” is displayed.	<ul style="list-style-type: none"> ● The cordless handset has not been registered to the base unit. Register the cordless handset (page 55). ● The cordless handset has lost communication with the base unit. Move closer to the base unit, and try again. ● Confirm that the base unit's AC adaptor is plugged in.
The base unit beeps when I press any button or lift the handset.	<ul style="list-style-type: none"> ● The cordless handset is in use. Try again later. ● You cannot join the call when the cordless handset is in speakerphone mode or in conference mode. ● You cannot make a conference call while you use the speakerphone.

Useful Information

Programmable settings

Problem	Cause & solution
I cannot program items.	<ul style="list-style-type: none">● Programming is not possible while the cordless handset and base unit are being used.● Do not pause for over 1 minute while programming.● Move closer to the base unit.● While another user is listening to messages or the answering system is answering a call, you cannot program. Try again later.
While programming, the cordless handset starts to ring.	<ul style="list-style-type: none">● A call is being received. Answer the call and start again from the beginning after hanging up.
The programming menu is displayed incorrectly.	<ul style="list-style-type: none">● The cordless handset has lost communication with the base unit. Move closer to the base unit, and try again.● Confirm that the base unit's AC adaptor is plugged in.● The other unit is in use. Try again later.

Useful Information

Making/answering calls, Intercom

Problem	Cause & solution
Static is heard, sound cuts in and out. Interference from other electrical units.	<ul style="list-style-type: none"> ● Move the cordless handset and the base unit away from other electrical appliances. ● Move closer to the base unit. ● Raise the base unit antenna. ● If your unit is connected to a telephone line with xDSL service, we recommend connecting a noise filter between the base unit and the telephone line jack. Contact your xDSL provider for details.
The cordless handset and/or base unit does not ring.	<ul style="list-style-type: none"> ● The ringer volume is turned off. Adjust it (page 21, 22). ● The night mode feature is turned on. Turn it off (page 50).
I cannot make a call.	<ul style="list-style-type: none"> ● The dialing mode may be set incorrectly. Set the dial mode (page 17) to match the type of telephone service you have (tone or pulse). ● While the answering system is answering a call, or the other cordless handset is in use, you may not be able to make a call. Try again later.
I cannot redial by pressing 【重拨】.	<ul style="list-style-type: none"> ● If the last number dialed was more than 24 digits long, the number will not be redialed correctly. ● If you press 【重拨】 on the base unit after you have started dialing, this button functions as the 【暂停】 button. To redial, do not dial any numbers before pressing 【重拨】.
I cannot page the cordless handset or base unit.	<ul style="list-style-type: none"> ● The called cordless handset is too far from the base unit. ● The called unit is in use. Try again later.
I cannot make a voice announcement.	<ul style="list-style-type: none"> ● The other cordless handset or base unit is in use. Try again later.

Useful Information

Phonebook

Problem	Cause & solution
I cannot store an item in the phonebook.	<ul style="list-style-type: none"> You cannot store an item in the phonebook while intercom mode, or while listening to messages. Do not pause for over 1 minute while storing.
While storing an item in the phonebook, the cordless handset starts to ring.	<ul style="list-style-type: none"> A call is being received. Answer the call and start again from the beginning after hanging up.
Copying stopped or failed.	<ul style="list-style-type: none"> The destination cordless handset may have lost communication with the base unit.
The display exits the phonebook while searching.	<ul style="list-style-type: none"> The cordless handset automatically exits after 1 minute of inactivity.

Useful Information

Caller ID




Problem	Cause & solution
The cordless handset does not display the caller's phone number.	<ul style="list-style-type: none">• You have not subscribed to Caller ID service. Contact your telephone company to subscribe.• If your unit is connected to any additional telephone equipment such as a Caller ID box or wireless telephone jack, disconnect the unit from the equipment and plug the unit directly into the wall jack.• If your unit is connected to a telephone line with xDSL service, we recommend connecting a noise filter between the base unit and the telephone line jack. Contact your xDSL provider for details.• Other telephone equipment may be interfering with this unit. Disconnect the other equipment and try again.• The caller requested not to send caller information (page 34).
The display exits the caller list while searching.	<ul style="list-style-type: none">• The cordless handset automatically exits after 1 minute of inactivity.
When you view the item in the caller list, the date and time are displayed incorrectly.	<ul style="list-style-type: none">• The date and time may be set incorrectly or the power failure may be occurred. Set the date and time again (page 17).

Useful Information**Answering system**

Problem	Cause & solution
I cannot listen to messages from a remote location.	<ul style="list-style-type: none"> ● You must set the remote code beforehand (page 49). ● A touch tone phone is required for remote operation. ● Press the remote code correctly and press each key firmly (page 48). ● The answering system is off. Turn it on (page 48).
The ANSWER ON indicator flashes rapidly. No new messages are recorded.	<ul style="list-style-type: none"> ● Message memory is full. Erase unnecessary messages (page 45).
The unit does not record new messages.	<ul style="list-style-type: none"> ● The answering system is turned off. Turn it on (page 44, 48). ● The recording time is set to “仅问候语不能录音”. Select “2分钟” or “最大” (page 49). ● Message memory is full. Erase unnecessary messages (page 45).
I cannot operate the answering system.	<ul style="list-style-type: none"> ● The other cordless handset or base unit is in use. ● Someone is operating the answering system. Try again later.
During message playback, the unit rings and cancels playback.	<ul style="list-style-type: none"> ● A call is being received. Answer the call and start again from the beginning after hanging up.
The ANSWER ON indicator on the base unit flashes slowly.	<ul style="list-style-type: none"> ● New messages have been recorded. Listen to the new messages (page 45).
When you play back messages, <ul style="list-style-type: none"> – the base unit and cordless handset do not announce the day and time. – the cordless handset displays the date and time incorrectly. 	<ul style="list-style-type: none"> ● The date and time may be set incorrectly or the power failure may be occurred. Set the date and time again (page 17).

Useful Information

Battery charge

Problem	Cause & solution
“请充电” is displayed,  flashes or the cordless handset beeps intermittently.	<ul style="list-style-type: none"> Fully charge the battery (page 11).
“请充电” and  are displayed and the cordless handset does not work.	<ul style="list-style-type: none"> The battery has been discharged. Fully charge the battery (page 11).
I charged the battery fully, but “请充电” and/or  is still displayed.	<ul style="list-style-type: none"> Clean the charge contacts and charge again (page 11). The battery may need to be replaced (page 10). If you install a new battery, fully charge it (page 11).
The cordless handset display is blank.	<ul style="list-style-type: none"> Confirm that the battery is properly installed. Fully charge the battery (page 11).

Power failure

During a power failure the base unit will work as a standard telephone, so that you can make or answer outside calls with the base unit handset.

You cannot use the base unit speakerphone and the cordless handset.

- The base unit rings in “振铃 1” during a power failure, when a call is receiving.
- You cannot use **[FLASH]** during a call.

Note:

- The cordless handset of the extension number 1 will maintain the date and time until the battery is discharged. After the power is restored, the base unit will receive the date and time information from the cordless handset.
- The cordless handset will continue to search for the base unit and the battery power will be consumed faster than usual.

Useful Information

Specifications

Base unit

Operating environment:
5 °C – 35 °C

Frequency:
2.402 GHz – 2.481 GHz

Dimensions:
Approx. height 78 mm x width 234 mm x
depth 174 mm
(Not including the antenna)

Mass (Weight):
Approx. 620 g

Power consumption:
Standby: Approx. 1.8 W
Maximum: Approx. 3.7 W

Power supply:
AC adaptor (220-240 V AC, 50/60 Hz)

Cordless handset

Operating environment:
5 °C – 35 °C

Frequency:
2.402 GHz – 2.481 GHz

Dimensions:
Approx. height 155 mm x width 48 mm x
depth 34 mm

Mass (Weight):
Approx. 146 g

Power supply:
Ni-MH battery (2.4 V, 830 mAh)

Security codes:
1,000,000

Charger

Operating environment:
5 °C – 35 °C

Dimensions:
Approx. height 58 mm x width 87 mm x
depth 95 mm

Mass (Weight):
Approx. 90 g

Power consumption:
Standby: Approx. 1.4 W
Maximum: Approx. 4.7 W

Power supply:
AC adaptor (220-240 V AC, 50/60 Hz)

Note:

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

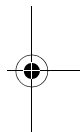
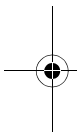
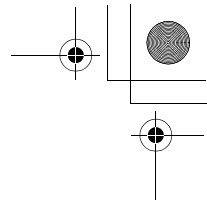
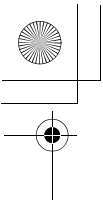
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