Panasonic

900MHz Cordless Answering System

Model No. KX-TC1871ALB
KX-TC1871NZB

Operating Instructions

KX-TC1871ALB

Caller ID Compatible

PLEASE READ BEFORE USE AND SAVE.

Charge the battery for about 6 hours before initial use.

Before Initial Use

Thank you for purchasing your new Panasonic cordless telephone.

For Australia
When you subscribe to Caller ID services from your telephone operator, this telephone will display the caller's phone number. When available from your telephone operator, this telephone will also display the number of the second call or call waiting.

For New Zealand
Caller ID, where available, is telephone company service. After subscribing to Caller ID, this phone will display a caller's phone number.

For your future reference

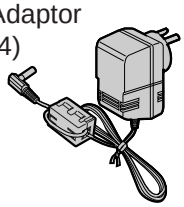
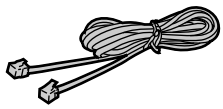
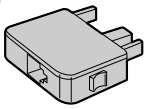
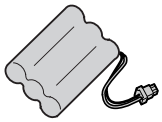
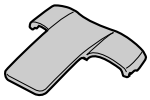
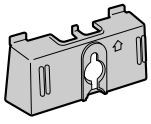
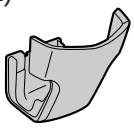
Serial No. _____
(found on the bottom of the unit)

Date of purchase _____

Name and address of dealer _____

Attach or keep original receipt to assist with any repair under warranty.

Accessories (included)

☐ AC Adaptor (p. 14)  one	☐ Telephone Line Cord (p. 14) **For Australia**  **For New Zealand** one	
For Australia only ☐ Telephone Plug (p. 14)  one	☐ Battery (p. 15)  one	☐ Handset Cover (p. 15) one
☐ Belt Clip (p. 17)  one	☐ Wall Mounting Adaptor (p. 82)  one	☐ Handset Holder (p. 82)  one

For Best Performance

Battery Charge

A rechargeable Ni-Cd battery powers the handset. Charge the battery for about **6 hours** before initial use (p. 15).

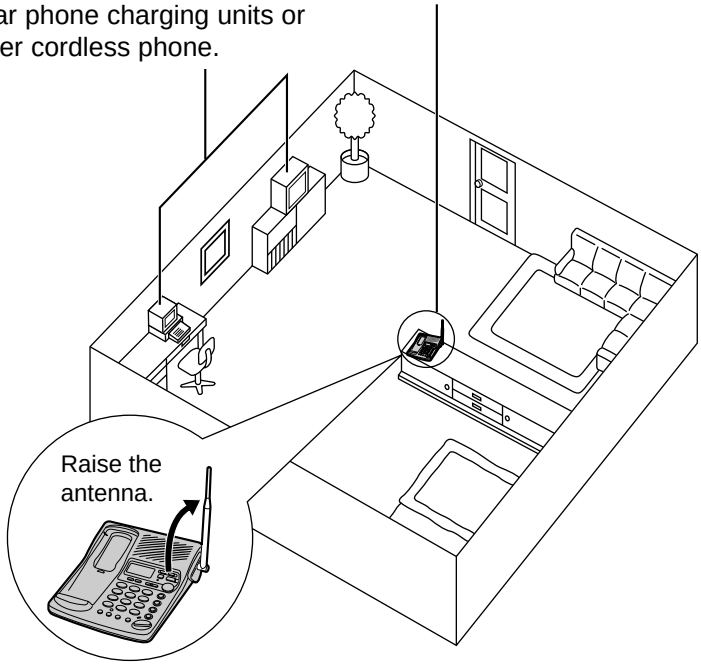
Clean the handset and the base unit charge contacts with a soft, dry cloth once a month. Clean more often if the unit is subject to grease, dust or high humidity. Otherwise the battery may not charge properly.

Base Unit Location/Noise

Calls are transmitted between the base unit and the handset using wireless radio waves. **For maximum distance and noise-free operation**, the recommended base unit location is:

Away from electrical appliances such as a TV, personal computer, cellular phone charging units or another cordless phone.

In a HIGH and CENTRAL location with no obstructions such as walls.



- If more than one cordless phone is being used and your handset is 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.

Contents

Preparation

Location of Controls 6
Displays 9
Settings 14
Connections 14
Installing the Battery in the Handset 15
Battery Charge 15
Standby Mode 16
Using the Belt Clip 17
Using the Optional Headset 17
Selecting the Line Mode 18
Programmable Functions 19
Setting the Auto Talk Feature 20
Selecting the Ringer Volume 21
Preparing the Answering System 23
Greeting Message 23
Programming Summary for the Answering System 25
Day and Time Adjustment 26
Selecting the Caller's Recording Time 28
Selecting the Number of Rings 29

Cordless Telephone

Making Calls 30
With the Handset 30
With the Base Unit (Digital Duplex Speakerphone) 32
Simultaneous Keypad Dialling 34
Answering Calls 35
With the Handset 35
With the Base Unit 35
Caller ID Service 36
Using the Caller List 38
Viewing the Caller List 38
Calling Back from the Caller List 39
Editing the Caller's Phone Number 40
Storing Caller List Information in the Directory 43
Erasing Caller List Information 45
One-Touch Dialler 47
Storing a Phone Number in the DIRECT Button 47
Dialling the Stored Number in the DIRECT Button 48

Using the Directory 49
Storing Names and Numbers in the Directory 49
Steps for Entering Names and Symbols 52
Finding Items in the Directory 54
Dialling from the Directory 56
Editing an Item in the Directory 57
Erasing an Item from the Directory 58
Intercom 59
Transferring a Call Using the Intercom 60
Special Features 61
Automatic Security Code Setting 61
How to Use the PAUSE Button
(For Analog PBX Line/Long Distance Service Users) 62
Call Waiting and Caller ID Compatible 62
RECALL Button 63

Answering System

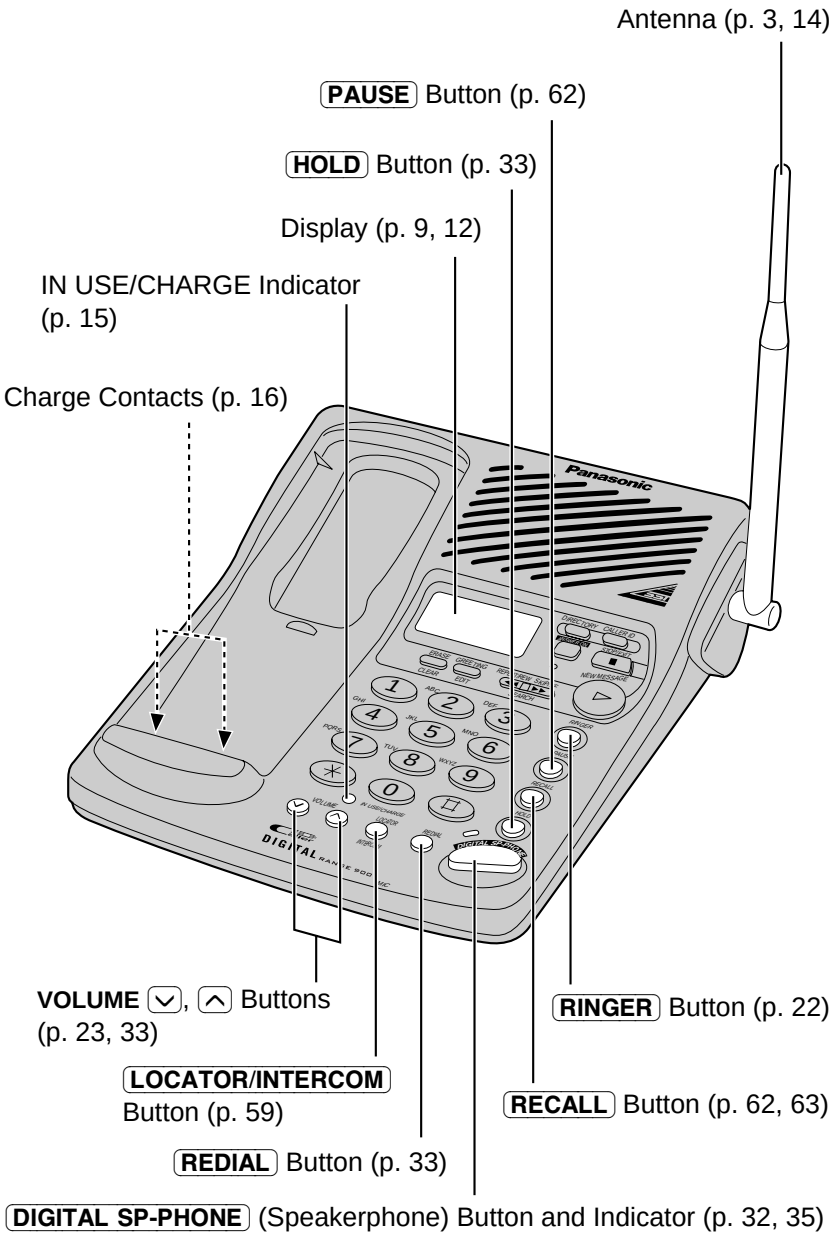
Automatic Answering Operation 65
Setting the Unit to Answer Calls 65
Listening to Messages 66
From the Handset 68
Erasing Messages 69
Pager Call 70
Storing a Pager Number 70
Setting the Unit to Call a Pager 73
Remote Operation from a Touch Tone Phone 74
Setting the Remote Code 75
Voice Menu 76
Direct Remote Operation 78
Remote Operation with the Handset 80

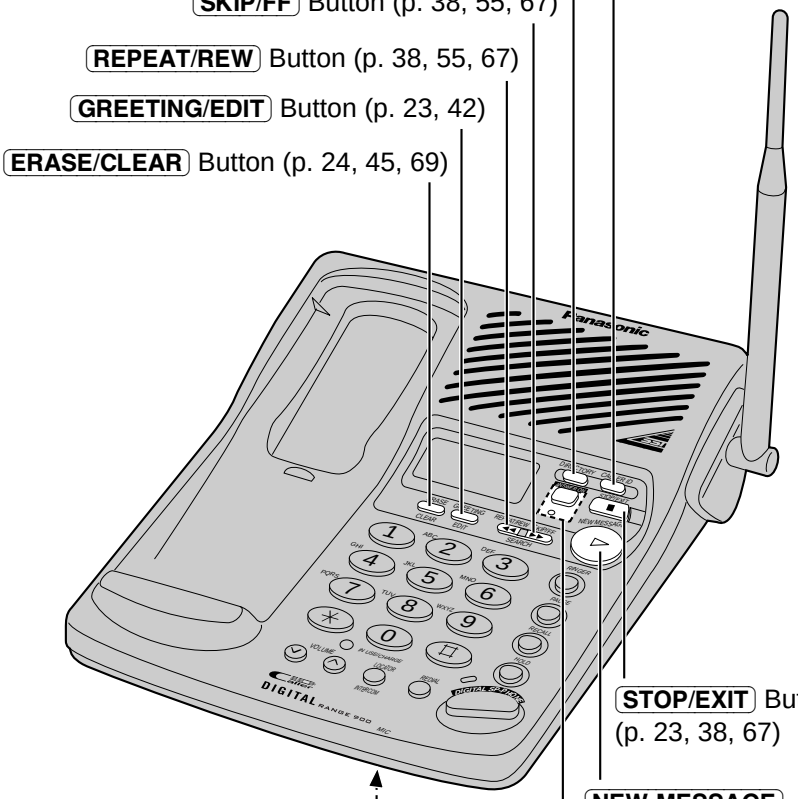
Useful Information

Wall Mounting 82
Battery Replacement 84
Adding Another Phone 85
Before Requesting Help 86
Safety Instructions 91
Important Information (For Australia only) 94

Location of Controls

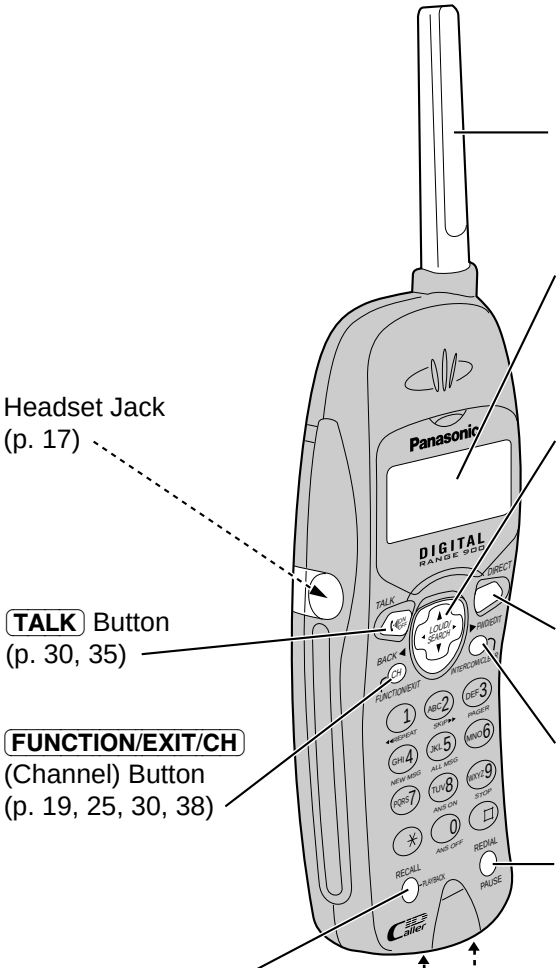
Base unit




CALLER ID Button (p. 38)
DIRECTORY Button (p. 55)
SKIP/FF Button (p. 38, 55, 67)
REPEAT/REW Button (p. 38, 55, 67)
GREETING/EDIT Button (p. 23, 42)
ERASE/CLEAR Button (p. 24, 45, 69)
STOP/EXIT Button (p. 23, 38, 67)
NEW MESSAGE Button (p. 66)
ANSWER ON Button and Indicator (p. 65, 66, 69)
MIC (Microphone) (p. 23, 32, 59)

Location of Controls

Handset



Displays

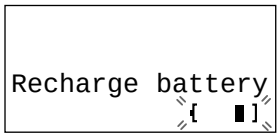
Both the handset and the base unit show you instructions and information on the displays. These display prompts are shown below.

Common prompts for the handset and the base unit

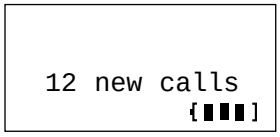
No items stored	The Caller List is empty or there are no stored items in the directory.
0222333444 11:20A JAN.12 ×3	This is a phone number from the Caller List. The display shows: —the caller's phone number, —the time and date of the last call (ex. Jan. 12, 11:20 AM), and —the number of times called (ex. 3 times).
Ann 0312345678	This is a name from the directory. The stored name and phone number are displayed.
0266667777 ----Waiting-----	A second call is received during a conversation (p. 62).

Displays

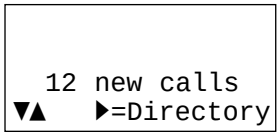
Handset only



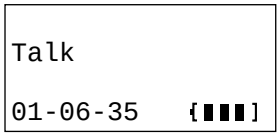
The battery needs to be charged. Place the handset on the base unit to charge the battery (p. 15).



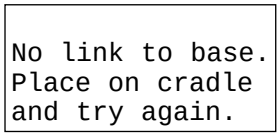
The display shows the number of new calls and the battery strength (p. 15) while the handset is on the base unit.



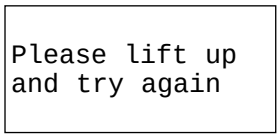
The display shows the number of new calls when ▼ or ▲ is pressed while the handset is off the base unit.
To search from the most recent call, press ▼.
To search from the oldest call, press ▲ (p. 38).
To go to the directory list, press **FWD/EDIT** ▶ (`Directory` key).



During a conversation, the display shows the length of the call (ex. 1 hour, 6 minutes and 35 seconds). The battery strength is also displayed (p. 15).



The handset has lost communication with the base unit. Place the handset on the base unit and try again.

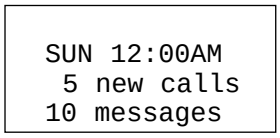


▼, ▲, **BACK** ◀ or **FWD/EDIT** ▶ was pressed while the handset was on the base unit. Lift the handset and press the button again.

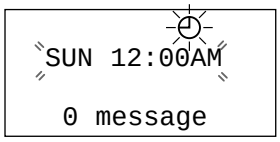
Ringer off	When the ringer volume is set to OFF (p. 21), "Ringer off" will flash for about 45 seconds before the unit returns to the standby mode (p. 16).
Directory full	When trying to store an item or Caller List information in the directory, the directory memory is full (p. 44, 51).
Not available	▼, ▲, **BACK** ◀ or **FWD/EDIT** ▶ was pressed while the base unit was not in the standby mode.
Answering system setting. See base unit.	The unit is in answering system programming mode (p. 25).
Remote operation	The handset is operating the answering system remotely (p. 80).
Save error	During a programming procedure, the handset has lost communication with the base unit. Move closer to the base unit.

Displays

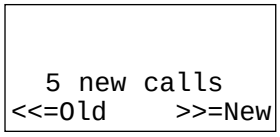
Base unit only



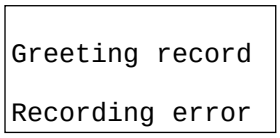
In the standby mode, the display shows the current day and time, the number of new calls and recorded messages. (Ex. 5 new calls have been received and 10 messages have been recorded.)



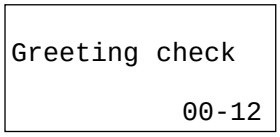
When the clock needs adjusting, the day and time flash (p. 26, 27).



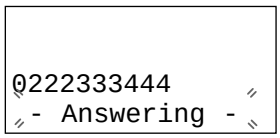
This display will be shown when **CALLER ID** is pressed.
To search from the most recent call, press **SKIP/FF** (New key).
To search from the oldest call, press **REPEAT/REW** (Old key) (p. 38).



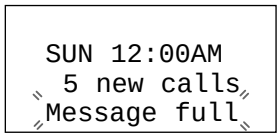
Your greeting message was not recorded correctly. Record it again (p. 23).



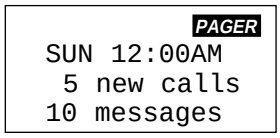
A greeting message is being played (p. 23).
The display shows the elapsed time.



The answering system is recording a message (p. 65). ("– Answering –" flashes.)

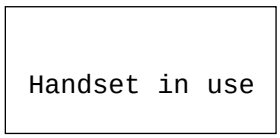


Message memory is full. ("Message full" flashes.) Erase some or all of the messages (p. 69).



The pager call mode is set to ON (p. 73).

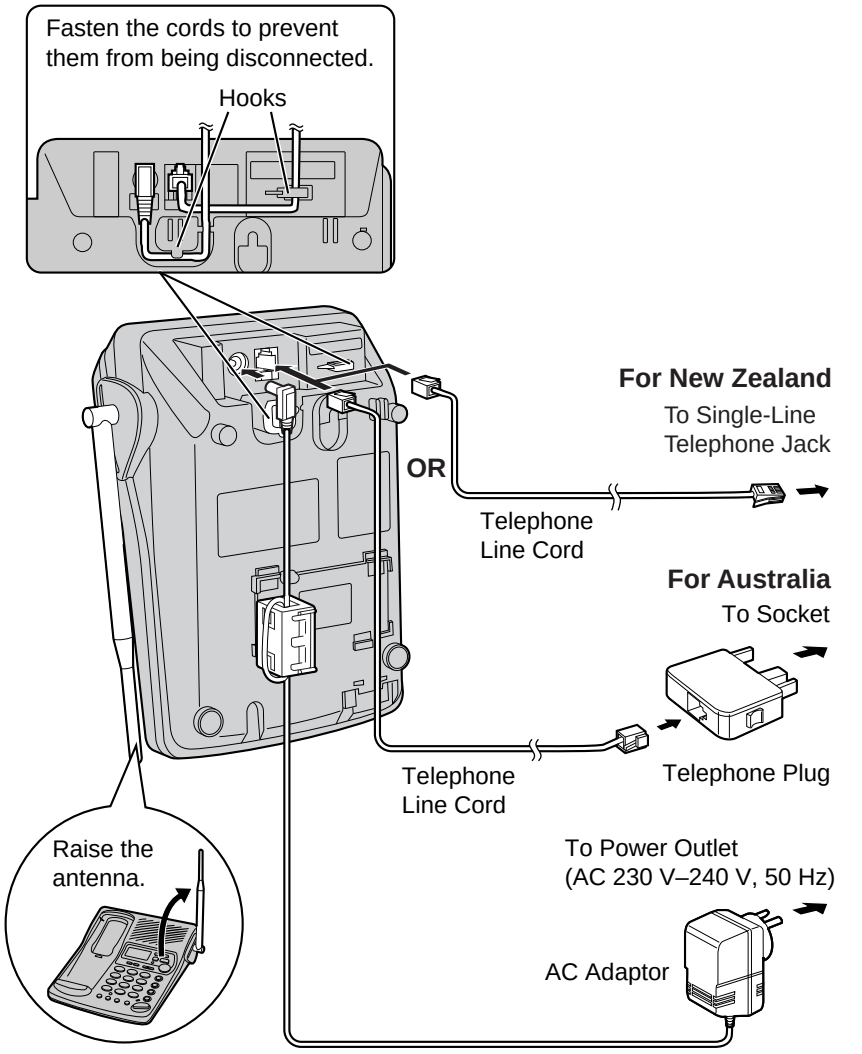
The ringer volume is set to OFF (p. 22).



This display will be shown when the handset is used (making/answering a call, viewing the Caller List or directory list, etc.).

Settings

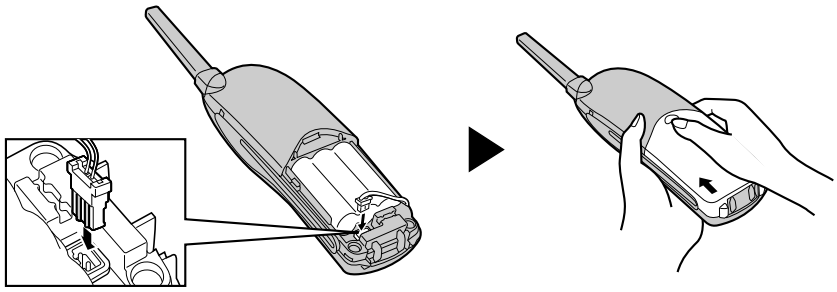
Connections



- USE ONLY WITH Panasonic AC ADAPTOR PQLV1AL.
- The AC adaptor must remain connected at all times. (It is normal for the adaptor to feel warm during use.)
- To connect a standard telephone on the same line, see page 85.
- If your unit is connected to a PBX which does not support Caller ID services, you cannot access those services.
- KX-TC1871ALB and KX-TC1871NZB are not designed to be used with rotary (pulse dialling) services.
- KX-TC1871NZB will not answer incoming calls on your FaxAbility number.

Installing the Battery in the Handset

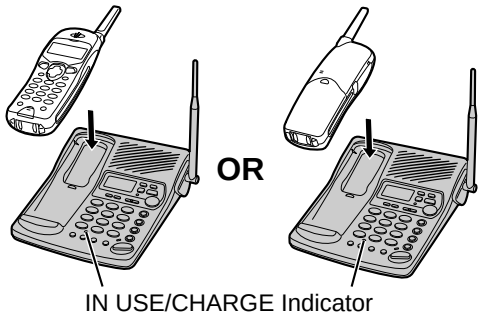
Install the battery and close the handset cover, locking it into place.



Battery Charge

Place the handset on the base unit and charge for about **6 hours** before initial use.

- The IN USE/CHARGE indicator lights.



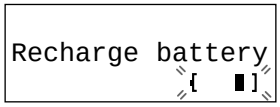
Battery strength

You can check the battery strength on the display while the handset is on the base unit, while it is in use (making/answering a call etc.), or after viewing the Caller List or directory items, programming etc.
The battery strength will remain for 5 seconds after using the handset, then the display will return to the standby mode (see next page).

The battery strength is as shown in the chart below.

Display prompt	Battery strength
[▮▮▮]	Fully charged
[▮▮]	Medium
[▮]	Low
[▮] (flashing)	Needs to be recharged.

Recharge



Recharge the battery when:
—"Recharge battery" is displayed,
—"[ ]" flashes on the display, or
—the handset beeps intermittently while it is in use.

- If you DO NOT recharge the handset battery for more than 15 minutes, the display will keep indicating "Recharge battery" and/or "[ ]" will continue to flash.
- To fully recharge the battery, the handset should be left on the base unit for about 6 hours.

Battery information

After your Panasonic battery is fully charged (p. 15):

Operation		Approx. battery life
While in use (TALK)	near the base unit*	Up to about 6 hours
	away from the base unit	Up to about 4 hours
While not in use (Standby)		Up to about 14 days

*Within about 3 m

- Battery life may be shortened depending on usage conditions, such as viewing the Caller ID Caller List or directory list, and ambient temperature.
- **Clean the handset and the base unit charge contacts with a soft, dry cloth once a month. Clean more often if the unit is subject to grease, dust or high humidity.** Otherwise the battery may not charge properly.
- If the battery is fully charged, you do not have to place the handset on the base unit until "Recharge battery" is displayed and/or "[ ]" flashes. This will maximize the battery life.
- The battery cannot be overcharged.

Standby Mode

Handset (While off the base unit)

The handset goes into the standby mode after you finish using the handset (making/answering a call, viewing the Caller List or directory list etc.). The display is blank, but the handset can receive calls.
The battery life is conserved in this mode.

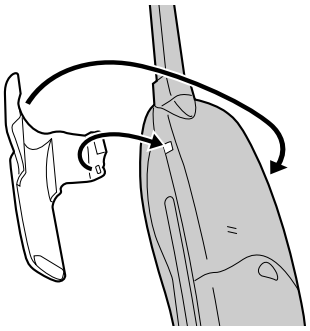
Base Unit

The base unit goes into the standby mode after you finish using the base unit (making/answering a call, using the intercom, using the answering system etc.). Programming and storing phone numbers are possible only when the base unit is in the standby mode.

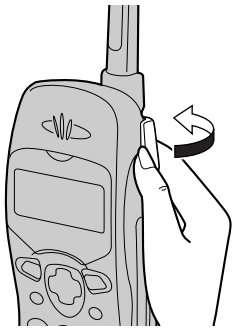
Using the Belt Clip

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

To attach the belt clip



To remove the belt clip

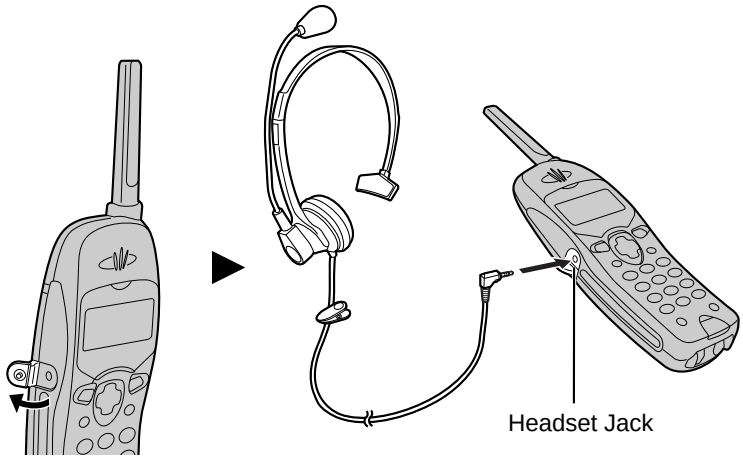


Using the Optional Headset

Plugging an optional headset into the handset allows a hands-free phone conversation. Please use only the Panasonic KX-TCA87AL headset.

Connecting the optional headset to the handset

Open the headset jack cover, and connect the optional headset to the headset jack as shown below.



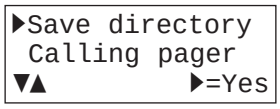
When the optional headset is connected to the handset, make sure to use the headset to talk with the caller. If you want to have a normal cordless phone conversation, disconnect the headset.

Selecting the Line Mode

If the line is connected to a low voltage system such as a PBX, set to “B”. Otherwise a second caller’s information may not be displayed (p. 62), and the unit may not alert your pager (p. 70). Your phone comes from the factory set to “A”.

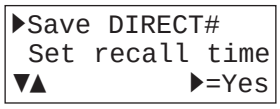
Make sure the unit is in the standby mode.

1 Press **FUNCTION/EXIT/CH**.

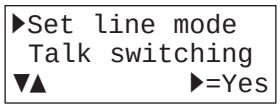


2 Press ▼ or ▲ repeatedly until the arrow points to “Program”.

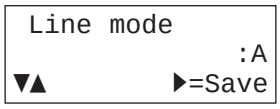
3 Press **FWD/EDIT** ▶ (Yes key).



4 Press ▼ or ▲ repeatedly until the arrow points to “Set line mode”.

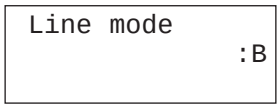


5 Press **FWD/EDIT** ▶ (Yes key).



6 Press ▼ or ▲ to select “B” or “A”.
Press **FWD/EDIT** ▶ (Save key).

- A beep sounds.
- To return to the standby mode, press **FUNCTION/EXIT/CH**.



- You can exit the programming mode any time by pressing **FUNCTION/EXIT/CH**.

Programmable Functions

You can program the following function items **using the handset near the base unit**. The display shows the programming instructions.
See the corresponding pages for function details.
Make sure the unit is in the standby mode.

Press **FUNCTION/EXIT/CH**.

<Function menu>*

▶Save directory	To store an item in the directory (p. 50).
Calling pager	To dial the stored pager number (p. 72).
Ringer volume	To select the ringer volume (p. 21).
Program	

Press **FWD/EDIT** ▶.

<Function menu>*

▶Save DIRECT#	To store a phone number in the DIRECT button (p. 47).
Set recall time	To select the recall time (p. 64).
Set line mode	To select the line mode (p. 18).
Talk switching	To set the auto talk feature (p. 20).
TAD program	To program answering system functions (p. 25).

During programming

*To select a desired function item, press ▼ or ▲ repeatedly until the arrow points to the item. Then press **FWD/EDIT** ▶ to go to the next step.

- If the handset displays "No link to base. Place on cradle and try again." and an alarm tone sounds, move closer to the base unit and try again.
- You can exit the programming mode any time by pressing **FUNCTION/EXIT/CH**.
- If you do not press any buttons for 60 seconds, the unit will return to the standby mode.

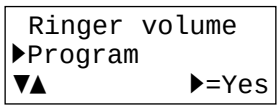
Setting the Auto Talk Feature

The Auto Talk feature allows you to answer a call by lifting the handset off the base unit without pressing **TALK**. If you want to use this feature, turn the feature ON by programming. Your phone comes from the factory set to OFF.

Make sure the unit is in the standby mode.

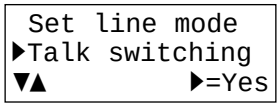
1 Press **FUNCTION/EXIT/CH**.

2 Press ▼ or ▲ repeatedly until the arrow points to "Program".

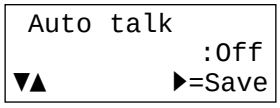


3 Press **FWD/EDIT** ▶ (Yes key).

4 Press ▼ or ▲ repeatedly until the arrow points to "Talk switching".

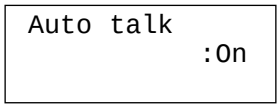


5 Press **FWD/EDIT** ▶ (Yes key).



6 Press ▼ or ▲ to select "On" or "Off".
Press **FWD/EDIT** ▶ (Save key).

- A beep sounds.
- To return to the standby mode, press **FUNCTION/EXIT/CH**.

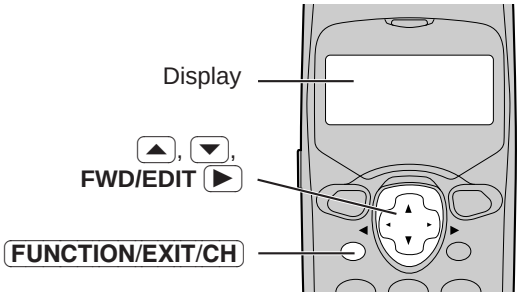


- You can exit the programming mode any time by pressing **FUNCTION/EXIT/CH**.
- To answer a call when the Auto Talk feature is OFF, lift the handset off the base unit and press **TALK**.

Selecting the Ringer Volume

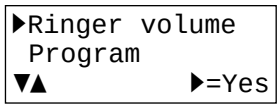
With the handset

You can program the ringer volume to HIGH, LOW or OFF. If set to OFF, the unit will not ring. Your phone comes from the factory set to HIGH.
Make sure the unit is in the standby mode.



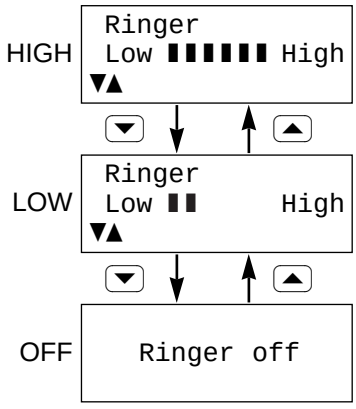
1 Press **FUNCTION/EXIT/CH**.

2 Press ▼ or ▲ repeatedly until the arrow points to "Ringer volume", and press **FWD/EDIT** ▶ (Yes key).



3 Press ▼ or ▲ to select the desired volume.

- The selected volume is displayed and rings.
- To turn the ringer OFF, press and hold ▼ until 2 beeps sound.
- The handset will return to the standby mode.



To turn the ringer ON, press ▲ or ▼ in step 3.

- The ringer will sound at the LOW level.

- When you replace the battery, the selected ringer volume setting will return to the factory set (HIGH). Reprogram if necessary.

Programmable Functions

With the base unit

Make sure the unit is in the standby mode.

- **To select HIGH (preset) or LOW**, press **RINGER**.
  Each time you press the button, the ringer volume will change and the selected volume will ring.

HIGH

```
Ringer
 Low ▮▮▮▮▮▮ High
```

RINGER

LOW

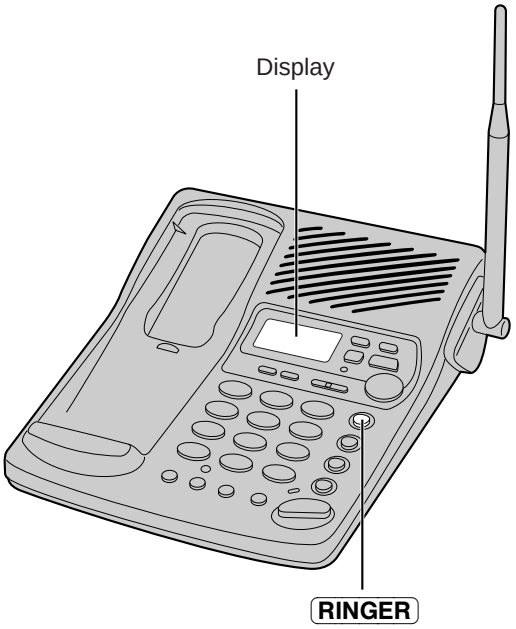
```
Ringer
 Low ▮▮      High
```

- **To turn the ringer OFF**, press and hold **RINGER** until 2 beeps sound. "`Ringer off`" will be displayed.

OFF

```
   Ringer off
```

- **To turn the ringer ON**, press **RINGER**.
  The ringer will sound at the HIGH level.



Preparing the Answering System

Greeting Message

You can record a personal greeting message of **up to 2 minutes**. If a greeting message is not recorded, one of two pre-recorded greetings will be played when a call is received (p. 24).

All messages (greeting, incoming, etc.) are stored in digital memory (p. 24). The **total recording time is about 15 minutes**.
We recommend you record **a brief greeting message** (see sample on next page) in order to leave more time for recording new messages.

To record a greeting message

1 Press and hold **GREETING/EDIT** until a long beep is heard.

```
Greeting record
            00-00
```

2 Talk clearly, about 20 cm away from the **MIC** (microphone).

- The base unit display shows the elapsed recording time.
- If you record for over 2 minutes, the unit will automatically stop recording.

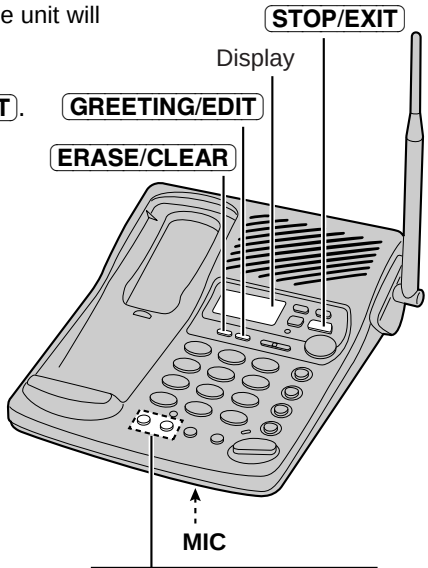
```
Greeting record
            00-12
```

3 When finished, press **STOP/EXIT**.

- **To check** the recorded greeting, press **GREETING/EDIT** briefly.

```
Greeting check
            00-12
```

- To change the message, start again from step 1.



To increase the volume, press **VOLUME** ∧. To decrease, press **VOLUME** ∨.

➧ Preparing the Answering System

Greeting message sample

"Hello, this is (your name and/or number). Sorry I cannot take your call. Please leave a message after the beep. Thank you."

To erase the recorded greeting message

Press **GREETING/EDIT** briefly ➧ Press **ERASE/CLEAR** while the message is being played.

- The unit will answer a call with a pre-recorded greeting.

Pre-recorded greeting message

If you do not record a greeting message (p. 23), one of two messages will be played when a call is received, depending on the caller's recording time (p. 28).

To check the pre-recorded greeting, press **GREETING/EDIT** briefly.

- A pre-recorded greeting will be played as follows:

■When the recording time is set to "1 minute" or "3 minutes":
"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 "Greeting only":
"Hello, we are not available now. Please call again. Thank you for your call."

Flash Memory Message Backup

Messages are stored on a "flash memory" IC chip and will not be affected by power failures. All messages are saved until you erase them.

Programming Summary for the Answering System

You can program the following functions **using the handset near the base unit**. See the page numbers below for details.
The unit must be in the standby mode before programming.

Lift the handset, and press **FUNCTION/EXIT/CH**.

↓

Press ▼ or ▲ to select "Program", and press **FWD/EDIT** ▶ (Yes key).

↓

Press ▼ or ▲ to select "TAD program", and press **FWD/EDIT** ▶ (Yes key).
- "Answering system setting. See base unit." is displayed on the handset.

↓

- If the handset displays "No link to base. Place on cradle and try again." and an alarm tone sounds, move closer to the base unit and try again.

To adjust **the day and time**, press **0**. (page 26)
To set **the remote code**, press **1**. (page 75)
To select **the number of rings**, press **2**. (page 29)
To select **the caller's recording time**, press **5**. (page 28)
To store **a pager number**, press **#**. (page 71)
- The base unit display shows the setting of the selected adjustment or function.

↓

Base unit display

```
          PAGER
5=Recording time
6=Pager mode
7=Home number
```

- Do not change the settings of "Pager mode" (**6**) and "Home number" (**7**). If you have changed these settings, reset to the default. (Pager mode: Recorded MSG, Home number: No items)

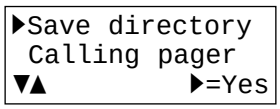
Press **FWD/EDIT** ▶ (Save key).
- A beep sounds.
- To return to the standby mode, press **FUNCTION/EXIT/CH**.

- To cancel during programming, press **FUNCTION/EXIT/CH**. Start again from the beginning.
- If 6 beeps sound during programming, a wrong key was pressed. Enter the correct number.

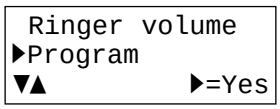
Day and Time Adjustment

Voice Day/Time Stamp: During playback, a synthesized voice will announce the day and time that each message was recorded.

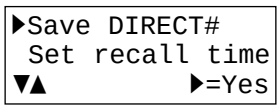
1 Press **FUNCTION/EXIT/CH**.



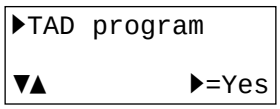
2 Press ▼ or ▲ repeatedly until the arrow points to "Program".



3 Press **FWD/EDIT** ▶ (Yes key).

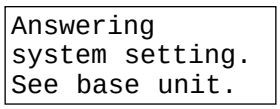


4 Press ▼ or ▲ repeatedly until the arrow points to "TAD program".



5 Press **FWD/EDIT** ▶ (Yes key).

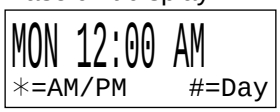
- The base unit display shows the answering system function menu.



6 Press 0.

- "Set time" is announced.
  If previously adjusted, the day/time will be heard.

Base unit display



7 Enter the current time (hour and minute) using a 4-digit number.
(Ex. To set 9:30, enter "0930".)

8 Press ✳ to select "AM" or "PM".
Press # repeatedly to set the day.

9 Press **FWD/EDIT** ▶ (Save key).

- The unit announces the day/time. The clock starts working.
- To return to the standby mode, press **FUNCTION/EXIT/CH**.

- In step 7, you cannot enter numbers greater than 12. **Do not use military time.** (To set 13:00 hours, enter “0100” and select “PM” by pressing (*).)

If a power failure occurs, “◴” will flash or the incorrect day/time will be shown on the base unit display. Reprogram the current day/time.

To check the day/time

Repeat steps 1 to 6 on page 26.

- The current day/time is heard. When finished, press **FUNCTION/EXIT/CH**.

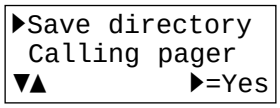
For Caller ID service users (p. 36)

- The Caller ID information will re-set the clock after the first ring if the adjusted time is incorrect. However, the day will not be re-set by the Caller ID information. Adjust the correct day by following the steps on page 26.
- If the time has not previously been set, the Caller ID information will not adjust the clock.
- The Caller ID information will automatically adjust the clock for daylight saving time.

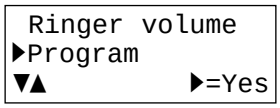
Selecting the Caller's Recording Time

You can select "1 minute", "3 minutes" or "Greeting only" for the caller's recording time. Your phone comes from the factory set to "3 minutes".

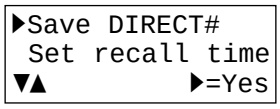
1 Press **FUNCTION/EXIT/CH**.



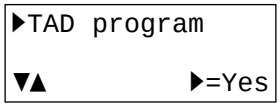
2 Press ▼ or ▲ repeatedly until the arrow points to "Program".



3 Press **FWD/EDIT** ▶ (Yes key).

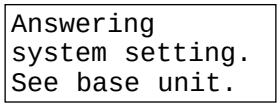


4 Press ▼ or ▲ repeatedly until the arrow points to "TAD program".



5 Press **FWD/EDIT** ▶ (Yes key).

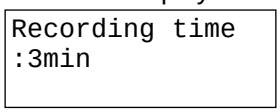
- The base unit display shows the answering system function menu.



6 Press **5**.

- The current setting is displayed on the base unit.

Base unit display



7 Press **1**, **2** or **3** to select the recording time.

1: 1 minute
2: 3 minutes (factory preset)
3: Greeting only

8 Press **FWD/EDIT** ▶ (Save key).

- A beep sounds.
- To return to the standby mode, press **FUNCTION/EXIT/CH**.

If you select "Greeting only", the unit will answer a call with the greeting message, and then hang up. The unit will not record any incoming messages.

Selecting the Number of Rings

You can select the number of times the unit rings before the answering system answers a call, from “2” to “7” or “Toll saver”*.
Your phone comes from the factory set to “Toll saver”.

1 Press **FUNCTION/EXIT/CH**.

```
▶Save directory
 Calling pager
▼▲          ▶=Yes
```

2 Press ▼ or ▲ repeatedly until the arrow points to “Program”.

```
 Ringer volume
▶Program
▼▲          ▶=Yes
```

3 Press **FWD/EDIT** ▶ (Yes key).

```
▶Save DIRECT#
 Set recall time
▼▲          ▶=Yes
```

4 Press ▼ or ▲ repeatedly until the arrow points to “TAD program”.

```
▶TAD program

▼▲          ▶=Yes
```

5 Press **FWD/EDIT** ▶ (Yes key).

- The base unit display shows the answering system function menu.

```
Answering
system setting.
See base unit.
```

6 Press **2**.

- The current setting is displayed on the base unit.

Base unit display

```
Number of rings
:Toll saver
```

7 Press **0**, or **2** to **7** to set the number of rings.

0: Selects “Toll saver”.
2–7: The unit will answer after the selected number of rings.

8 Press **FWD/EDIT** ▶ (Save key).

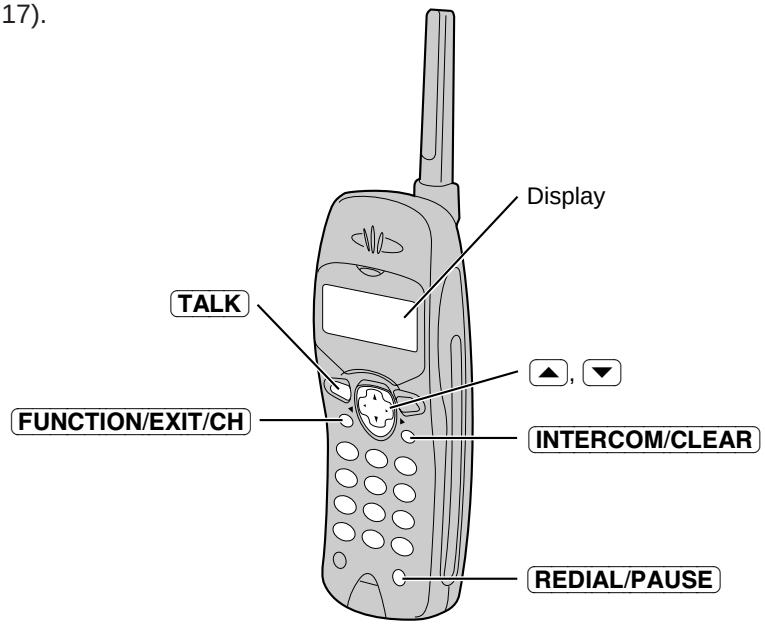
- A beep sounds.
- To return to the standby mode, press **FUNCTION/EXIT/CH**.

***Toll saver**
When you call the unit from a touch tone telephone:
If the unit answers on the 2nd ring, there is at least one new message.
If the unit answers on the 4th ring, there are no new messages.
Hang up when you hear the 3rd ring. This will save you the toll charge for the call.

Making Calls

With the Handset

To have a hand-free conversation, connect the headset to the handset (p. 17).



1 Press **TALK**.

```
Talk
```

2 Dial a phone number.

- The dialled number is displayed.
- After a few seconds, the display will show the length of the call and the battery strength.

```
Talk
0111112222
```

```
Talk
00-00-00    [▮▮▮]
```

3 To hang up, press **TALK** or place the handset on the base unit.

If noise interferes with the conversation

Press **FUNCTION/EXIT/CH** to select a clearer channel or move closer to the base unit.

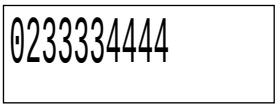
To redial the last number dialled on the handset

Press **TALK** ➡ **REDIAL/PAUSE**.

To dial after confirming the entered number

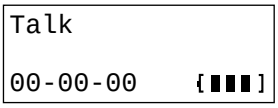
1 Dial a phone number.

- If you misdial, press **INTERCOM/CLEAR**. All digits are erased. Dial the correct phone number.



2 Press **TALK**.

- After a few seconds, the display will show the length of the call and the battery strength.



3 To hang up, press **TALK** or place the handset on the base unit.

To redial after confirming the last number dialled

Press **REDIAL/PAUSE** ➡ **TALK**.

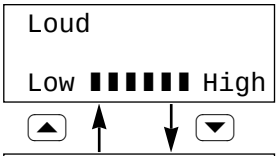
To select the receiver volume

Press ▲ or ▼ while talking.

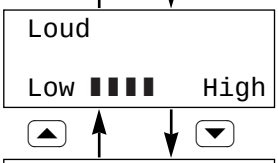
- Each time you press ▲ or ▼, the volume level will change.
- The display will return to the length of the call.
- Your phone comes from the factory set to MEDIUM.

- When you replace the battery, the selected receiver volume setting will return to the factory set (MEDIUM). Reprogram if necessary.

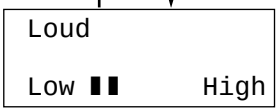
HIGH



MEDIUM



LOW



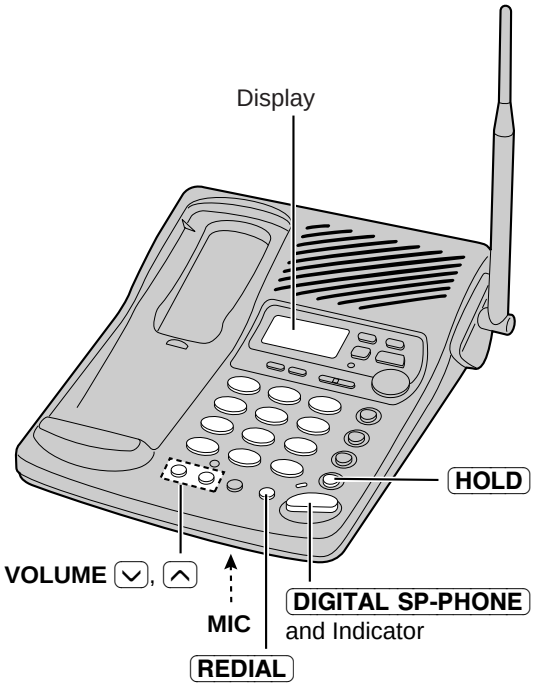
Backlit LCD display

The backlit handset display will stay on for about 10 seconds after pressing a handset button or lifting the handset off the base unit.

Backlit handset keypad

The handset dialling buttons will light when you press a button or lift the handset off the base unit, and flash when a call is received. The lights will go out about 10 seconds after pressing a button, lifting the handset or answering a call.

With the Base Unit (Digital Duplex Speakerphone)



1 Press **DIGITAL SP-PHONE**.
- The DIGITAL SP-PHONE indicator lights.

```
Talk
```

2 Dial a telephone number.

```
Talk
0111112222
```

3 When the other party answers, talk into the **MIC** (microphone).

```
Talk

00-00-00
```

4 To hang up, press **DIGITAL SP-PHONE**.
- The indicator light goes out.

- To switch to the handset while using the speakerphone:
  —If the handset is off the base unit, press **TALK**.
  —If on the base unit, just lift up.
- During a call using the handset, the call can be switched to the speakerphone by pressing **DIGITAL SP-PHONE** on the base unit.

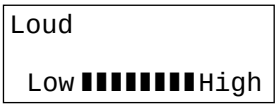
Hands-free Digital Speakerphone

For best performance, please note the following:

- Talk alternately with the caller in a quiet room.
- If the other party has difficulty hearing you, press **VOLUME** (∨) to decrease the speaker volume.
- If the other party's voice from the speaker cuts in/out during a conversation, press **VOLUME** (∨) to decrease the speaker volume.

To adjust the speaker volume (8 levels) while talking

To increase, press **VOLUME** (∧).
To decrease, press **VOLUME** (∨).



To redial the last number dialled on the base unit

Press **DIGITAL SP-PHONE** ➡ **REDIAL**.

To put a call on hold

Press **HOLD**.

- The DIGITAL SP-PHONE indicator flashes.

To release the hold

From the base unit, press **DIGITAL SP-PHONE**.
From the handset, press **TALK** or lift the handset off the base unit.

- If another phone is connected on the same line (p. 85), you can also release the hold by lifting its handset.

Simultaneous Keypad Dialling

You can use the base unit like a standard telephone. After pressing **TALK** to make a call with the handset near the base unit, you can also dial using the base unit keypad.

1 Handset:
Press **TALK**.

2 Base unit:
Dial a telephone number while hearing a dial tone on the handset.
- When the other party answers, talk using the handset.

3 Handset:
To hang up, press **TALK** or place the handset on the base unit.

Simultaneous Keypad Dialling is only possible after pressing **TALK**.

Useful information

You can enter numbers using the base unit keypad during a call with the handset. For example, to access an answering service, electronic banking service, etc.

1. Handset:
   Press **TALK**.
2. Handset:
   Dial a telephone number.
   - You can also dial with base unit keypad.
3. Base unit:
   Enter the required numbers while listening to the pre-recorded instructions.
4. Handset:
   To hang up, press **TALK** or place the handset on the base unit.

Answering Calls

When a call is received, the unit rings and the **CALLER ID** button on the base unit flashes quickly. If you subscribe to a Caller ID service, the calling party information will be displayed after the first ring (p. 36). In order to view the Caller ID information, please wait until the second ring to answer a call.

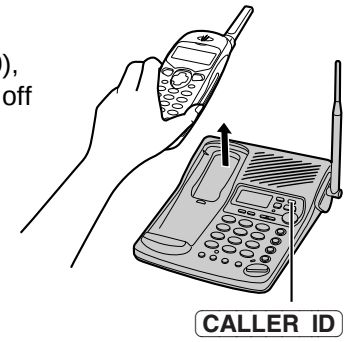
With the Handset

Lift the handset off the base unit and press **TALK**.

- You can also answer a call by pressing any dialling button **0** to **9**, ***** or **#** (—**Any Key Talk**).

Auto Talk

If you set the Auto Talk feature to ON (p. 20), you can answer a call by lifting the handset off the base unit without pressing **TALK**.



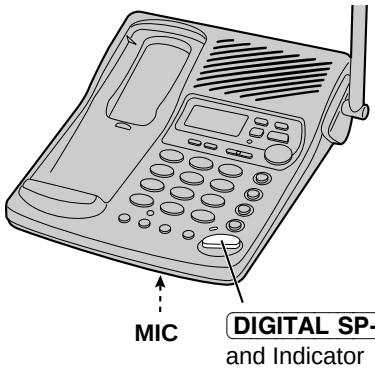
When the headset is connected (p. 17), make sure to use the headset to talk with the caller. If you want to have a normal cordless phone conversation, disconnect the headset.

With the Base Unit

1 Press **DIGITAL SP-PHONE**.
- The DIGITAL SP-PHONE indicator lights.

2 Talk into the **MIC**.

3 To hang up, press **DIGITAL SP-PHONE**.
- The indicator light goes out.



Caller ID Service

This unit is compatible with a Caller ID service offered by your telephone company. If you subscribe to a Caller ID service, the calling party's information will be displayed on the handset and the base unit after the first ring.

The unit can record information of up to 50 different callers, including the time and date received and the number of times called, in the Caller List. The Caller List information is sorted by the most recent to the oldest call. When the 51st call is received, the first call is deleted.

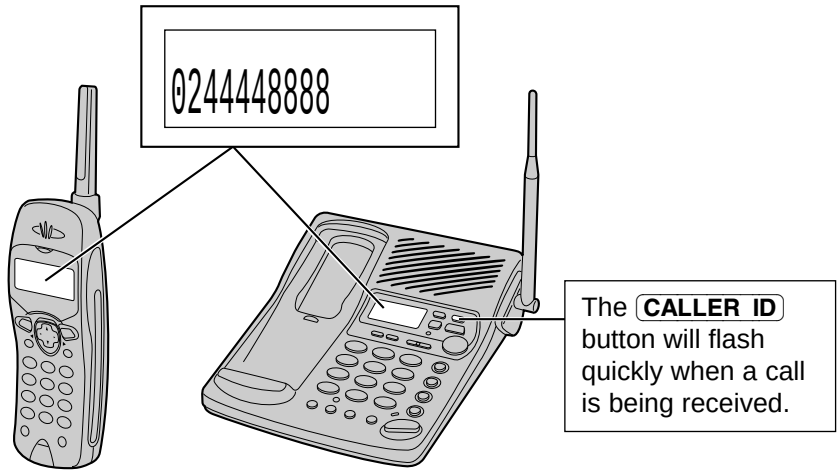
Using the list, you can automatically call back a caller. You can store the callers' numbers from the Caller List into the directory.

When a second call is received while talking, the new caller's phone number will be displayed (p. 62).

How caller information is displayed when a call is received

The handset and the base unit displays show the caller's phone number after the first ring.*

- For Australia users, the caller's phone number will be displayed as 10 digits. For New Zealand users, the caller's phone number will be displayed as 9 digits.
- If the handset is on the base unit, the caller's information will be displayed on the base unit only.
- After you answer the call, the display will show the length of the call.



*Private name display

If you receive a call from one of the phone numbers stored in the directory (p. 50), the caller's name will also be displayed.

- Caller information cannot be displayed in the following cases:
  —If the caller dialled from an area which does not provide a Caller ID service, the display will show "`Out of area`".
  —If the caller has requested not to display his/her information, the display will show "`Private caller`".
- If your unit is connected to a PBX which does not support Caller ID services, you cannot access those services.

To check the number of new calls

When new calls have been received, the **CALLER ID** button flashes slowly on the base unit.

Ex. You have received 10 new calls.

While the handset is on the base unit:

Handset display

```
10 new calls
          [■■■]
```

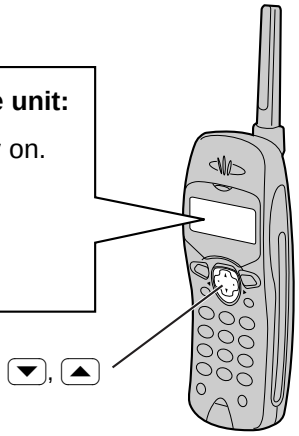
Base unit display

```
SUN 12:00AM
10 new calls
 0 message
```

While the handset is off the base unit:

Press ▼ or ▲ to turn the display on.

```
10 new calls
▼▲   ▶=Directory
```



Using the Caller List

Viewing the Caller List

To check who has called, follow the steps below.
Make sure the unit is in the standby mode.

With the handset

1 Lift the handset off the base unit and press ▼ or ▲ to enter the Caller List.

- The display will show, for example, the following:

```
  2 new calls
▼▲   ▶=Directory
```

- You can go to the directory list by pressing **FWD/EDIT** ▶ (p. 54).

2 To search from the most recent call, press ▼.
To search from the oldest call, press ▲.

- To scroll between callers, press ▼ or ▲.

*
```
JACK SMITH
0112233445
 3:10P JUN.10
```

3 To exit the list, press **FUNCTION/EXIT/CH**.

- The handset will return to the standby mode.

With the base unit

1 Press **CALLER ID** to enter the Caller List.

- The display will show, for example, the following:

```
  2 new calls
<<=Old    >>=New
```

2 To search from the most recent call, press **SKIP/FF**.
To search from the oldest call, press **REPEAT/REW**.

- To scroll between callers, press **SKIP/FF** or **REPEAT/REW**.

*
```
JACK SMITH
0112233445
 3:10P JUN.10
```

3 To exit the list, press **STOP/EXIT**.

- The base unit will return to the standby mode.

*Caller's name and phone number are stored in the directory (—Private name display).

- Once new calls have been checked, "√" will be added.
- If "`No items stored`" is displayed in step 1, the Caller List is empty. After 5 seconds, the unit will return to the standby mode.
- If more than one call is received from the same caller, the date and time of the most recent call will be recorded. If the same caller calls again, the call entry with "√" will be deleted.

Display meaning

√	: You have checked this caller information, answered the call or called back the caller.
×2–×9	: The number of times the same caller called (up to 9). After checking, "×2"–"×9" will be replaced with "√".

Calling Back from the Caller List

With the handset

1 Lift the handset off the base unit and press ▼ or ▲ to enter the Caller List.

```
  3 new calls
▼▲   ▶=Directory
```

2 Press ▼ or ▲ repeatedly to find the desired caller.

```
0355566677
11:20A JAN.12 ×3
```

3 Press **TALK**.

- The displayed phone number is dialled automatically.

```
Talk
0355566677
```

With the base unit

1 Press **CALLER ID** to enter the Caller List.

```
  3 new calls
<<=Old    >>=New
```

2 Press **SKIP/FF** or **REPEAT/REW** repeatedly to find the desired caller.

```
0355566677
11:20A JAN.12 ×3
```

3 Press **DIGITAL SP-PHONE**.

- The displayed phone number is dialled automatically.

```
Talk
0355566677
```

- If a phone number is not displayed in the caller information, you cannot call back that caller.

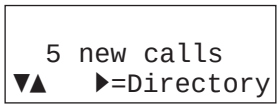
For New Zealand Users:
Your telephone service provider may charge you for a local call when it is dialled with an area code prefix. If the charge for local call is unacceptable, only the 7-digits of the local number should be dialled from your telephone. Do not dial the "0" prefix or the area code digit.

Editing the Caller's Phone Number

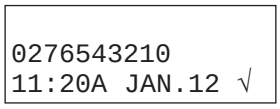
The unit can edit a phone number into one of 3 patterns.
Make sure the unit is in the standby mode.

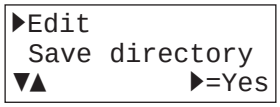
With the handset

1 Lift the handset off the base unit and press ▼ or ▲ to enter the Caller List.



2 Press ▼ or ▲ repeatedly to find the desired caller. Press **FWD/EDIT** ▶.





3 While the arrow points to "Edit", press **FWD/EDIT** ▶ (Yes key).

4 Press **FWD/EDIT** ▶ (Edit key) to select a pattern.

- Each time you press **FWD/EDIT** ▶, the number is rearranged into one of 3 different patterns.

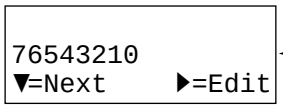
ⓐ Phone no.

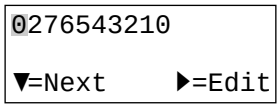
ⓑ Free editing

- You can add digits to the front of the number, up to a total of 20 digits including the original number.
- Each time you press **INTERCOM/CLEAR**,
  —after you add a number, the digit to the left of the cursor is erased.
  —when the cursor is at the front, the digit on the cursor is erased.

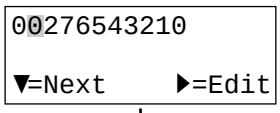
ⓒ Area code – Phone no.

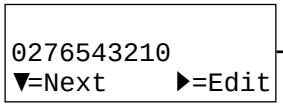
- The order in which patterns ⓐ–ⓒ are displayed depends on how the telephone number is displayed in step 2.
- You should complete editing a number within 60 seconds.

ⓐ


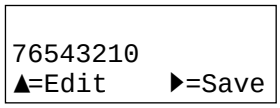
ⓑ


Ex. "0" is added.



ⓒ


5 After editing the number, you can continue with calling back or storing procedures.
To call back, press **TALK** (p. 39).
To store the number in the directory, press ▼ (Next key). Follow the instructions on the display (p. 43).



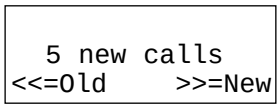
- The number edited in step 4 will not be maintained in the Caller List.

For New Zealand Users:
Your telephone service provider may charge you for a local call when it is dialled with an area code prefix. If the charge for local call is unacceptable, only the 7-digits of the local number should be dialled from your telephone. Do not dial the "0" prefix or the area code digit.

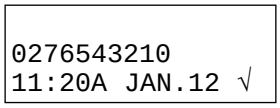
Using the Caller List

With the base unit

1 Press **CALLER ID** to enter the Caller List.



2 Press **SKIP/FF** or **REPEAT/REW** repeatedly to find the desired caller.



3 Press **GREETING/EDIT** to select a pattern.

- Each time you press **GREETING/EDIT**, the number is rearranged into one of 3 different patterns.

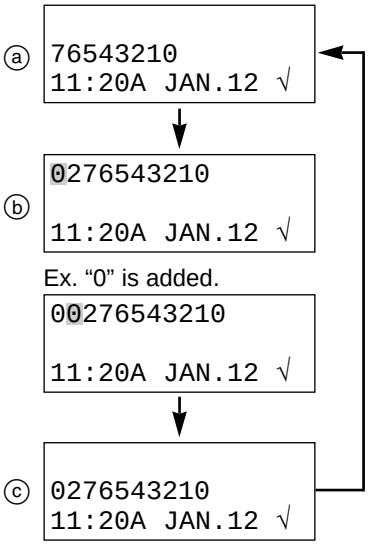
ⓐ Phone no.

ⓑ Free editing

- You can add digits to the front of the number, up to a total of 20 digits including the original number.
- Each time you press **ERASE/CLEAR**,
  - —after you add a number, the digit to the left of the cursor is erased.
  - —when the cursor is at the front, the digit on the cursor is erased.

ⓒ Area code – Phone no.

- The order in which patterns ⓐ–ⓒ are displayed depends on how the telephone number is displayed in step 2.



4 After editing the number, you can continue with calling back. To call back, press **DIGITAL SP-PHONE** (p. 39).

- The number edited in step 3 will not be maintained in the Caller List.

For New Zealand Users:
Your telephone service provider may charge you for a local call when it is dialled with an area code prefix. If the charge for local call is unacceptable, only the 7-digits of the local number should be dialled from your telephone. Do not dial the “0” prefix or the area code digit.

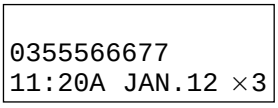
Storing Caller List Information in the Directory

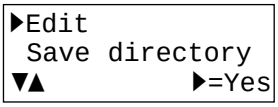
You can store numbers that are in the Caller List in the directory.
This feature can operate only with the handset.
Make sure the unit is in the standby mode.

1 Lift the handset off the base unit and press ▼ or ▲ to enter the Caller List.

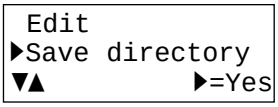
2 Press ▼ or ▲ repeatedly to find the caller you want to store in the directory. Press **FWD/EDIT** ▶ (Yes key).

- If the number requires editing, see page 40.



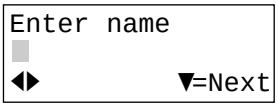


3 Press ▼ or ▲ to select "Save directory". Press **FWD/EDIT** ▶ (Yes key).

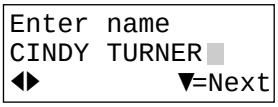


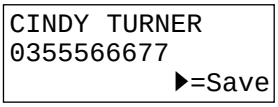
If there is no name information for the caller, "Enter name" will be displayed.

a) If a name is not required, press ▼ (Next key) and **FWD/EDIT** ▶ (Save key).



b) If a name is required, enter the name (p. 52). When finished, press ▼ (Next key) and **FWD/EDIT** ▶ (Save key).





- A beep sounds.
- The display will return to step 2. You can continue storing other items.
  To return to the standby mode, press **FUNCTION/EXIT/CH**.

Using the Caller List

- You can exit the programming mode any time by pressing **FUNCTION/EXIT/CH**.
- If the display shows "`Directory full`" in step 3, the display will return to step 2. Press **FUNCTION/EXIT/CH** to exit the list. To erase other stored items from the directory, see page 58.
- You cannot store caller information in the directory if a phone number is not displayed.
- If the display shows "`Save error`" or "`No link to base. Place on cradle and try again`." in step 3, the item cannot be stored in the directory. Try again from step 1.

For New Zealand Users:
Your telephone service provider may charge you for a local call when it is dialled with an area code prefix. If the charge for local call is unacceptable, only the 7-digits of the local number should be dialled from your telephone. Do not dial the "0" prefix or the area code digit.

Erasing Caller List Information

After checking the Caller List, you can erase some or all of the entries.
Make sure the unit is in the standby mode.

To erase a specific caller from the Caller List

With the handset

1 Lift the handset off the base unit and press ▼ or ▲ to enter the Caller List.

```
  10 new calls
▼▲   ▶=Directory
```

2 Press ▼ or ▲ repeatedly to find the caller you want to erase from the Caller List.

```
0246813579
12:20A JAN.12 √
```

3 Press **INTERCOM/CLEAR**.

```
     Clear
```

- A beep sounds and the information is erased.
- To erase other items, repeat from step 2.
- To return to the standby mode, press **FUNCTION/EXIT/CH**.

With the base unit

1 Press **CALLER ID** to enter the Caller List.

```
  10 new calls
<<=Old    >>=New
```

2 Press **SKIP/FF** or **REPEAT/REW** repeatedly to find the caller you want to erase from the Caller List.

```
0246813579
12:20A JAN.12 √
```

3 Press **ERASE/CLEAR**.

```
     Clear
```

- A beep sounds and the information is erased.
- To erase other items, repeat from step 2.
- To return to the standby mode, press **STOP/EXIT**.

Using the Caller List

To erase all entries in the Caller List

Before erasing all entries, make sure that "`0 new call`" is displayed.

With the handset

1 Lift the handset off the base unit and press ▼ or ▲ to enter the Caller List.

```
  0 new call
▼▲   ▶=Directory
```

2 Press **INTERCOM/CLEAR**.

```
▶Exit
 All clear
▼▲          ▶=Yes
```

3 Press ▼ or ▲ to select "`All clear`".

```
 Exit
▶All clear
▼▲          ▶=Yes
```

4 Press **FWD/EDIT** ▶ (`Yes` key) or **INTERCOM/CLEAR**.

```
   All clear
```

- A beep sounds and all entries are erased.
- The handset will return to the standby mode.

With the base unit

1 Press **CALLER ID** to enter the Caller List.

```
  0 new call
<<=Old    >>=New
```

2 Press **ERASE/CLEAR**.

```
Press CLEAR for
all clear
```

3 Press **ERASE/CLEAR** again.

```
   All clear
```

- A beep sounds and all entries are erased.
- The base unit will return to the standby mode.

One-Touch Dialler

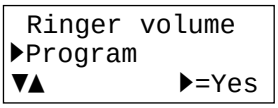
A phone number stored in the **DIRECT** button can be dialled with a one-touch operation.

Storing a Phone Number in the DIRECT Button

Make sure the unit is in the standby mode.

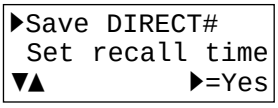
1 Press **FUNCTION/EXIT/CH**.

2 Press ▼ or ▲ repeatedly until the arrow points to "Program".



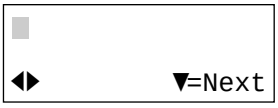
3 Press **FWD/EDIT** ▶ (Yes key).

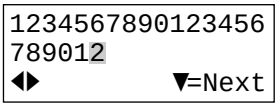
4 While the arrow points to "Save DIRECT#", press **FWD/EDIT** ▶ (Yes key).



5 Enter a phone number, up to 22 digits.

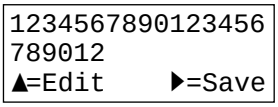
- Each time you press **INTERCOM/CLEAR** the digit to the left of the cursor is erased. To erase all of the digits, press and hold **INTERCOM/CLEAR**.





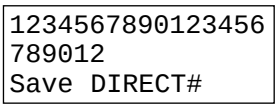
6 Press ▼ (Next key).

- If you want to edit the entered number, press ▲ (Edit key) and return to step 5.



7 Press **FWD/EDIT** ▶ (Save key).

- A beep sounds.
- To return to the standby mode, press **FUNCTION/EXIT/CH**.

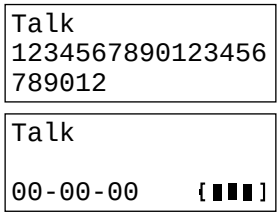


- You can exit the programming mode any time by pressing **FUNCTION/EXIT/CH**.
- If a pause is required for dialling, **REDIAL/PAUSE** can be stored in a phone number counting as one digit (p. 62) in step 5.

Dialling the Stored Number in the DIRECT Button

1 Press **TALK**.

2 Press **DIRECT**.
- After a few seconds, the display will show the length of the call and the battery strength.



To dial after confirming the entered number

Press **DIRECT** ➡ **TALK**.

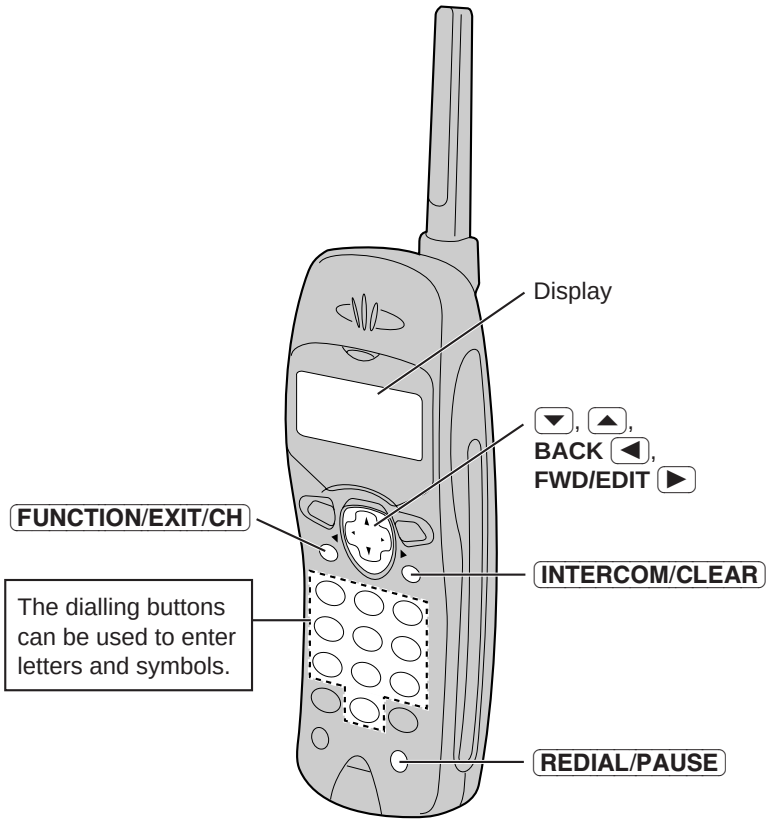
Using the Directory

You can store up to 50 names and phone numbers in the directory. All directory items are sorted by the first word in alphabetical order. Using the directory, you can make a call by selecting a name on the handset or base unit display.

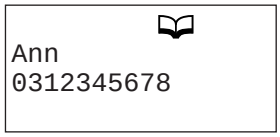
When you receive a Caller ID call from a caller stored in the directory, the display will show the caller's name with the phone number (—Private name display).

Storing Names and Numbers in the Directory

Make sure the unit is in the standby mode.



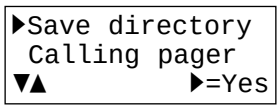
- While storing or finding items in the directory, "📖" will be shown on the display.



(Continued ➧)

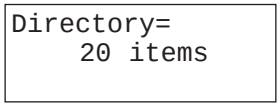
Using the Directory

1 Press **FUNCTION/EXIT/CH**.



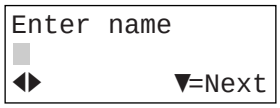
2 While the arrow points to "Save directory", press **FWD/EDIT** ▶ (Yes key).

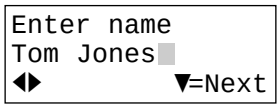
- The display shows the number of stored items in the directory.



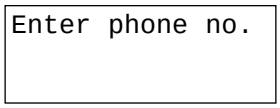
3 Enter a name, up to 15 characters, with the dialling buttons, **BACK** ◀ or **FWD/EDIT** ▶.

- See the steps for entering names and symbols (p. 52).
- If a name is not required, press ▼ (Next key) and go to step 5.



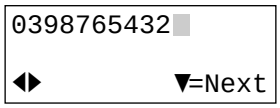


4 Press ▼ (Next key).

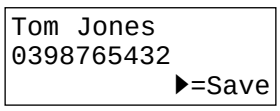


5 Enter a phone number, up to 22 digits.

- Each time you press **INTERCOM/CLEAR**, a character is erased from the right. To erase all of the digits, press and hold **INTERCOM/CLEAR**.



6 Press ▼ (Next key).



7 Press **FWD/EDIT** ▶ (Save key).

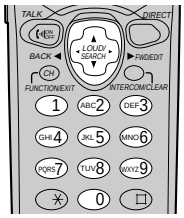
- A beep sounds.
- To continue storing other items, repeat from step 2.
- To return to the standby mode, press **FUNCTION/EXIT/CH**.

- If a pause is required for dialling, **REDIAL/PAUSE** can be stored in a phone number counting as one digit (p. 62) in step 5.
- You can exit the programming mode any time by pressing **FUNCTION/EXIT/CH**.
- If the display shows "`Directory full`" in step 2, the display will return to step 1. Press **FUNCTION/EXIT/CH** to exit the list. To erase other stored items from the directory, see page 58.
- If the display shows "`Save error`" in step 7, the item cannot be stored in the directory. Try again from step 1.

For New Zealand Users:
Your telephone service provider may charge you for a local call when it is dialled with an area code prefix. If the charge for local call is unacceptable, only the 7-digits of the local number should be dialled from your telephone. Do not dial the "0" prefix or the area code digit.

Steps for Entering Names and Symbols

The handset dialling buttons (**0** to **9**), **BACK** ◀ and **FWD/EDIT** ▶ can be used to enter letters and symbols.
Each button selects a character as shown below.



	Number of times key is pressed										
Keys	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**
1	#	&	’	(	)	✳	,	–	.	/	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	0	Blank									
BACK ◀	To move the cursor to the left										
FWD/EDIT ▶	To move the cursor to the right										

- To enter another character using the same dialling button, press **FWD/EDIT** ▶ to move the cursor to the next space.

If you make a mistake while entering a name

Use **BACK** ◀ or **FWD/EDIT** ▶ to move the cursor to the incorrect character, press **INTERCOM/CLEAR** to delete and enter the correct character. Each time you press **INTERCOM/CLEAR**, a character is erased from the right.
To erase all characters, press and hold **INTERCOM/CLEAR**.

For example, to enter “Tom Jones”:

1 Press **FUNCTION/EXIT/CH**.

2 While the arrow points to “Save directory”, press **FWD/EDIT** ▶ (Yes key).

```
Directory=
    20 items
```

```
Enter name
◀▶          ▼=Next
```

3 Press **8**.

```
T
```

4 Press **6** six times, then press **FWD/EDIT** ▶ to move the cursor to the right.

```
To
```

5 Press **6** four times.

```
Tom
```

6 Press **FWD/EDIT** ▶ twice to enter a blank.

```
Tom
```

7 Press **5**.

```
Tom J
```

8 Press **6** six times, then press **FWD/EDIT** ▶ to move the cursor to the right.

```
Tom Jo
```

9 Press **6** five times.

```
Tom Jon
```

10 Press **3** five times.

```
Tom Jone
```

11 Press **7** eight times.

```
Enter name
Tom Jones
◀▶          ▼=Next
```

12 When finished, press ▼ (Next key).

- Follow steps 5 to 7 on page 50 to complete the operation.

```
Enter phone no.
```

- While entering names, the cursor will flash on the display.

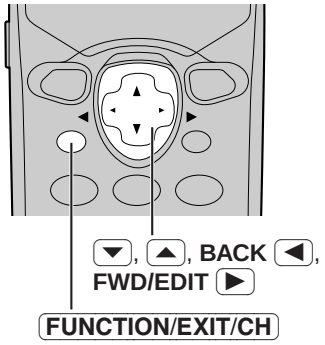
Finding Items in the Directory

With the handset

Make sure the unit is in the standby mode.

1 Press **BACK** ◀ or **FWD/EDIT** ▶ to enter the directory list.

```
Directory list
▼▲
 ▶=Caller's list
```



2 Press ▼ or ▲.

- The first item is displayed.

```
Ann
0312345678
```

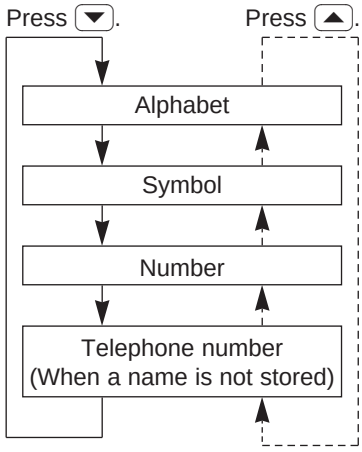
3 Press ▼ or ▲ repeatedly until the desired item is displayed.

- All directory items are stored in the order shown on the right.

To search for a name by the initial:

① Press the dialling button for the first letter of the desired name until any name with the same initial is displayed (see the Index table on page 56).
Ex. To find "Frank", press **3** repeatedly until the first item under "F" is displayed.

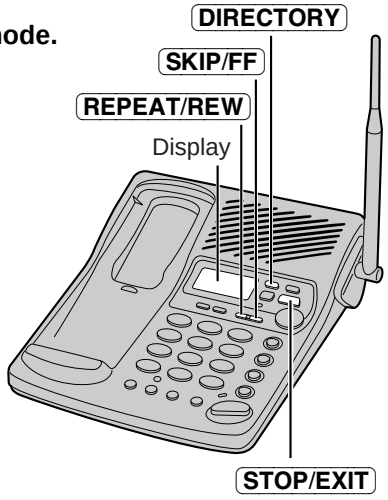
② Press ▼ until the name is displayed.



- You can exit the directory list any time by pressing **FUNCTION/EXIT/CH**.
- If "`No items stored`" is displayed in step 2, the directory is empty. To return to the standby mode, press **FUNCTION/EXIT/CH**.
- In step 1, you can go to the Caller List by pressing **FWD/EDIT** ▶ (p. 38).

With the base unit

Make sure the unit is in the standby mode.



1 Press **DIRECTORY** to enter the directory list.

- The first item is displayed.

```
Ann
0312345678
```

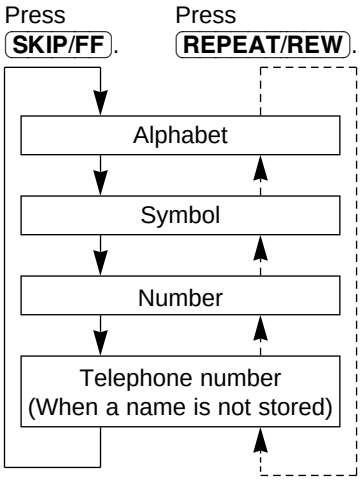
2 Press **SKIP/FF** or **REPEAT/REW** repeatedly until the desired item is displayed.

- All directory items are stored in the order shown on the right.

To search for a name by the initial:

① Press the dialling button for the first letter of the desired name until any name with the same initial is displayed (see the Index table on page 56).
Ex. To find "Frank", press **3** repeatedly until the first item under "F" is displayed.

② Press **SKIP/FF** until the name is displayed.



- You can exit the directory list any time by pressing **STOP/EXIT**.
- If "`No items stored`" is displayed in step 2, the directory is empty. To return to the standby mode, press **STOP/EXIT**.

Index table

Keys	Index	Keys	Index
1	Other symbols, 1	6	M, N, O, 6
2	A, B, C, 2	7	P, Q, R, S, 7
3	D, E, F, 3	8	T, U, V, 8
4	G, H, I, 4	9	W, X, Y, Z, 9
5	J, K, L, 5	0	0

Dialling from the Directory

With the handset

1 Press **BACK** (◀) or **FWD/EDIT** (▶) to enter the directory list.

2 Press (▼) or (▲).
- The first item is displayed.

3 Press (▼) or (▲) repeatedly to find the directory item that you want to dial (p. 54).

```
Frank
0234567890
```

4 Press **TALK**.
- The number is dialled automatically.

```
Talk
0234567890
```

5 To hang up, press **TALK** or place the handset on the base unit.

- You can exit the directory list any time by pressing **FUNCTION/EXIT/CH**.

With the base unit

1 Press **DIRECTORY** to enter the directory list.
- The first item is displayed.

2 Press **SKIP/FF** or **REPEAT/REW** repeatedly to find the directory item that you want to dial (p. 55).

```
Frank
0234567890
```

3 Press **DIGITAL SP-PHONE**.
- The number is dialled automatically.

```
Talk
0234567890
```

4 To hang up, press **DIGITAL SP-PHONE**.

- You can exit the directory list any time by pressing **STOP/EXIT**.

Editing an Item in the Directory

This feature can operate only with the handset.
Make sure the unit is in the standby mode.

1 Press **BACK** ◀ or **FWD/EDIT** ▶ to enter the directory list.

2 Press ▼ or ▲.
- The first item is displayed.

3 Press ▼ or ▲ repeatedly to find the directory item you want to change (p. 54). Press **FWD/EDIT** ▶.

```
Jane
0233444555
```

```
Enter name
Jane
◀▶          ▼=Next
```

4 Edit the name using the dialling buttons, **BACK** ◀ or **FWD/EDIT** ▶ (p. 52), up to 15 characters.

```
Enter name
Jane Walker
◀▶          ▼=Next
```

5 Press ▼ (Next key).
- If you do not need to change the number, press ▼ (Next key) twice and go to step 8.

```
0233444555
◀▶          ▼=Next
```

6 Add a number to the current number.
- Each time you press **INTERCOM/CLEAR**, a character is erased from the right. To erase all of the digits, press and hold **INTERCOM/CLEAR**.

```
02333444555
◀▶          ▼=Next
```

```
0333444555
◀▶          ▼=Next
```

7 Press ▼ (Next key).

```
Jane Walker
0333444555
          ▶=Save
```

8 When finished, press **FWD/EDIT** ▶ (Save key).
- To continue editing other items, repeat steps 3 through 8.
- To return to the standby mode, press **FUNCTION/EXIT/CH**.

```
Jane Walker
0333444555
```

- You can exit the directory list any time by pressing **FUNCTION/EXIT/CH**.

Erasing an Item from the Directory

Make sure the unit is in the standby mode.

With the handset

1 Press **BACK** (◀) or **FWD/EDIT** (▶) to enter the directory list.

2 Press (▼) or (▲).
- The first item is displayed.

3 Press (▼) or (▲) repeatedly to find the directory item you want to erase (p. 54).

```
Helen
0357924680
```

4 Press **INTERCOM/CLEAR**.

```
Clear?

◀=No          ▶=Yes
```

5 Press **FWD/EDIT** (▶) (Yes key) or **INTERCOM/CLEAR**.

```
      Clear
```

- The display will show the next item.
- To return to the standby mode, press **FUNCTION/EXIT/CH**.

- You can exit the directory list any time by pressing **FUNCTION/EXIT/CH**.

With the base unit

1 Press **DIRECTORY** to enter the directory list.
- The first item is displayed.

2 Press **SKIP/FF** or **REPEAT/REW** repeatedly to find the directory item you want to erase (p. 55).

```
Helen
0357924680
```

3 Press **ERASE/CLEAR**.

```
Clear?

<<=No      >>=Yes
```

4 Press **SKIP/FF** (Yes key) or **ERASE/CLEAR**.

```
      Clear
```

- The display will show the next item.
- To return to the standby mode, press **STOP/EXIT**.

- You can exit the directory list any time by pressing **STOP/EXIT**.

Intercom

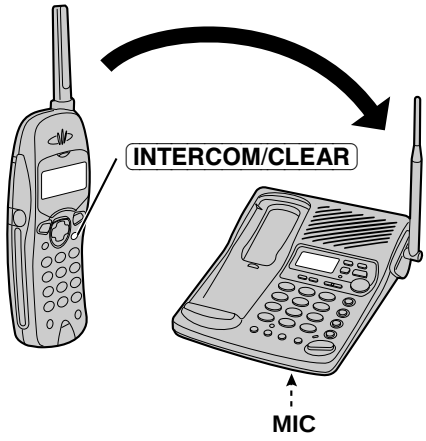
A 2-way intercom is possible between the handset and the base unit.

Paging the base unit from the handset

1 Handset:
Press **INTERCOM/CLEAR**. Talk to the paged party after the beeps.
- "Intercom" is displayed.

2 Base unit:
When the other party's voice is heard, answer using the **MIC**.

3 Handset:
To end the intercom, press **INTERCOM/CLEAR**.



Paging the handset from the base unit (Handset locator)

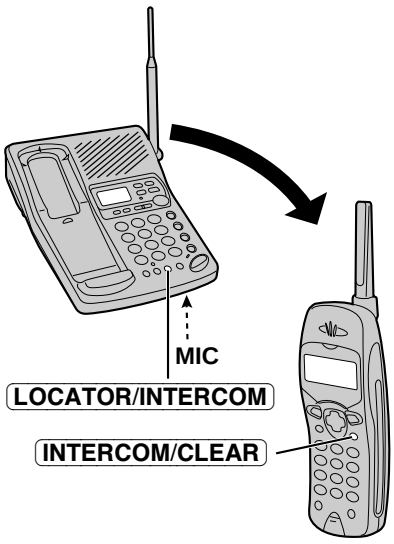
Using this feature, you can locate a misplaced handset.

1 Base unit:
Press **LOCATOR/INTERCOM**.
- "Paging" is displayed on the base unit.
- The handset beeps for 1 minute and displays "Paging Press INTERCOM".
- To stop paging, press **LOCATOR/INTERCOM** again.

2 Handset:
Press **INTERCOM/CLEAR** to answer.
- "Intercom" is displayed.

3 Base unit:
Talk into the **MIC**.

4 Handset:
To end the intercom, press **INTERCOM/CLEAR**.



During an intercom call:
- Intercom calls can only be ended with the handset.
- If the handset user has difficulty hearing the base unit user, decrease the base unit speaker volume by pressing **VOLUME** (∨).
- If an incoming call is received, the intercom call stops and the unit starts to ring. To answer, press **TALK** or **DIGITAL SP-PHONE**.

Transferring a Call Using the Intercom

The intercom can be used during a call. This feature enables you to transfer a call between the handset and the base unit.

From the handset to the base unit

1 Handset:
During a call, press **INTERCOM/CLEAR**. Talk to the paged party after the beeps.
- The call is put on hold and "`Intercom hold`" is displayed.
- If the base unit user does not answer, press **TALK**.

2 Base unit:
When the paging party's voice is heard, answer using the **MIC**.

3 Base unit:
To answer the call, press **DIGITAL SP-PHONE**.
- The transfer is complete.

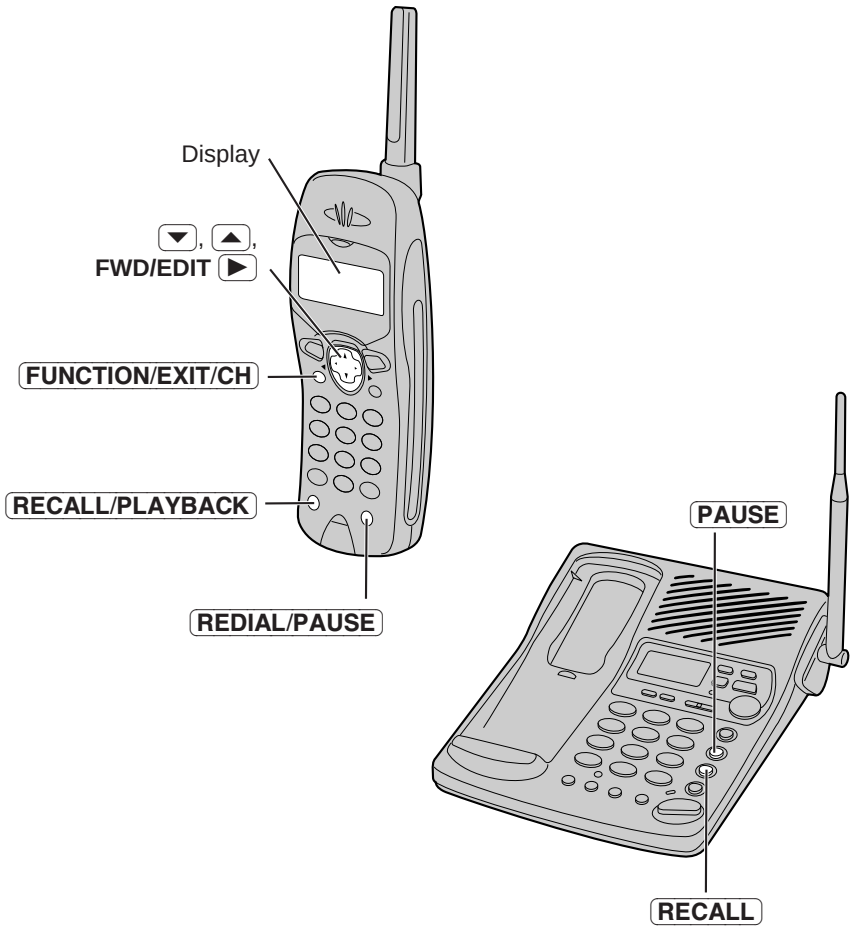
From the base unit to the handset

1 Base unit:
During a call, press **LOCATOR/INTERCOM**.
- The call is put on hold and "`Paging`" is displayed.
- If the handset user does not answer, press **DIGITAL SP-PHONE**.

2 Handset:
Press **INTERCOM/CLEAR** to answer the page.

3 Handset:
To answer the call, press **TALK**.
- The transfer is complete.

Special Features



Automatic Security Code Setting

Each time you place the handset on the base unit, the unit automatically selects one of more than a million security codes. These codes help prevent the unauthorized use of your telephone line by another cordless telephone user.

How to Use the PAUSE Button
(For Analog PBX Line/Long Distance Service Users)

We recommend you press **REDIAL/PAUSE** or **PAUSE** if a pause is required for dialling with a PBX or to access a long distance service.
Ex. Line access number **9** (PBX)

9 ➡ **REDIAL/PAUSE** or **PAUSE** ➡ Phone number

- Pressing **REDIAL/PAUSE** or **PAUSE** once creates a 3.5 second pause. This prevents misdialling when you redial or dial a stored number.
- Pressing **REDIAL/PAUSE** or **PAUSE** more than once increases the length of the pause between numbers.

Call Waiting and Caller ID Compatible

If you subscribe to Caller ID services, your handset displays a second caller's information while talking. After you hear a call-waiting tone, the caller's phone number and "----Waiting-----" will be displayed.

```
0266667777
----Waiting-----
```

You can answer the second call, keeping the first call on hold.
Follow Telstra's instructions using **RECALL/PLAYBACK** or **RECALL**.

- If the phone number is stored in the directory, the caller's name will be displayed (p. 36).
- Please contact Telstra for details and availability in your area.

For Call Waiting Service Users in New Zealand

Make sure the recall time is set to 600 msec for use with Telecom's Call Waiting Service. Press **RECALL/PLAYBACK** or **RECALL** if you hear a call-waiting tone while talking.

- The first call is put on hold and you can answer the second call.
- To return to the first caller, press **RECALL/PLAYBACK** or **RECALL** again.
- Your telephone company may not support the second caller display feature.

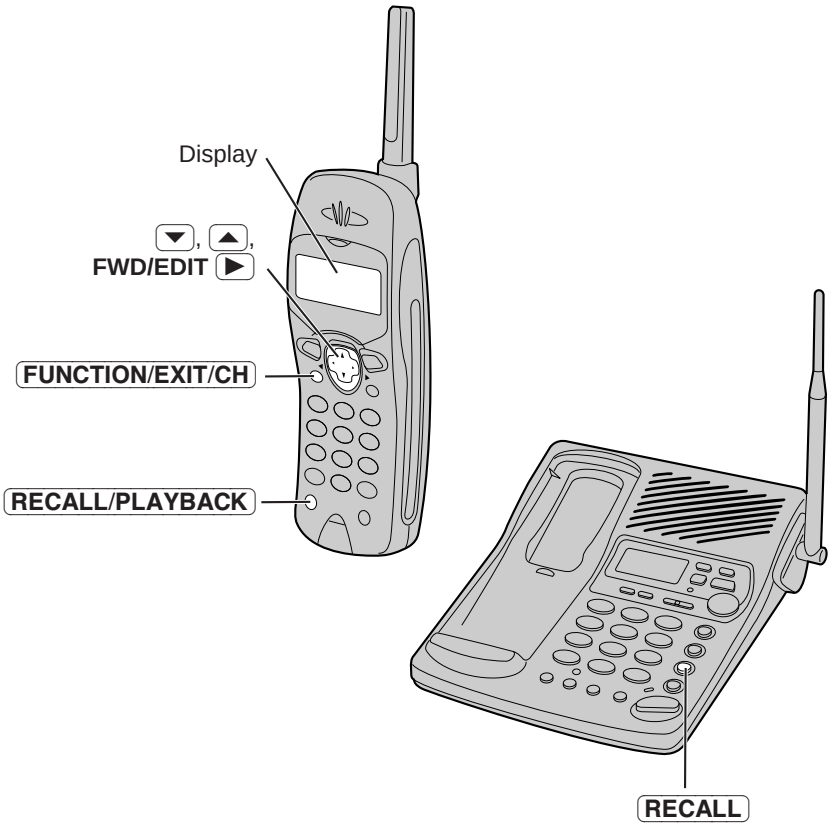
RECALL Button

Pressing **RECALL/PLAYBACK** or **RECALL** allows you to use special features of your host PBX such as transferring an extension call or accessing special telephone services (optional) such as call waiting.

Selecting the recall time

The recall time depends on your telephone exchange or host PBX. You can select the following recall times: “700, 600, 400, 300, 250, 110, 100 or 90 msec (milliseconds)”. KX-TC1871ALB comes from the factory set to “100 msec” and KX-TC1871NZB comes set to “600 msec”.

Make sure the unit is in the standby mode.



(Continued ➧)

Special Features

1 Press **FUNCTION/EXIT/CH**.

2 Press ▼ or ▲ repeatedly until the arrow points to "Program".

```
 Ringer volume
▶Program
▼▲          ▶=Yes
```

3 Press **FWD/EDIT** ▶ (Yes key).

4 Press ▼ or ▲ repeatedly until the arrow points to "Set recall time".

```
 Save DIRECT#
▶Set recall time
▼▲          ▶=Yes
```

5 Press **FWD/EDIT** ▶ (Yes key).

```
 Recall time
          :100ms
▼▲          ▶=Save
```

6 Press ▼ or ▲ repeatedly until the desired time is displayed.

7 Press **FWD/EDIT** ▶ (Save key).

- A beep sounds.
- To return to the standby mode, press **FUNCTION/EXIT/CH**.

- You can exit the programming mode any time by pressing **FUNCTION/EXIT/CH**.
- Users in Australia can access Telstra's "EASY CALL" service by having the recall time set at 100 msec (this is the factory default setting), and then follow Telstra's "EASY CALL" instructions to operate this service.
- If you are connected via a PBX, a longer or shorter recall time may be necessary to use PBX functions (transferring a call etc.). Consult your PBX supplier for the correct setting.

For Call Waiting Service Users in New Zealand

Make sure the recall time is set to 600 msec for use with Telecom's Call Waiting Service. Press **RECALL/PLAYBACK** or **RECALL** if you hear a call-waiting tone while talking.

- The first call is put on hold and you can answer the second call.
- To return to the first caller, press **RECALL/PLAYBACK** or **RECALL** again.
- Your telephone company may not support the second caller display feature.

Automatic Answering Operation

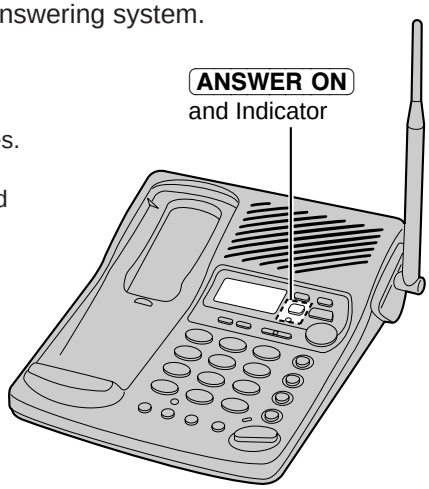
When the unit answers a call, a greeting message is played and the caller's message is recorded. While recording, "- Answering -" will be displayed.

- The total recording time (including greeting message) is **about 15 minutes**. If messages are recorded in noisy rooms, the time may be shortened by up to 3 minutes.
- A maximum of 64 messages (including greeting message) can be recorded.

Setting the Unit to Answer Calls

Press **ANSWER ON** to turn on the answering system.

- The indicator lights and "Answer set" is heard.
- The unit will announce the remaining recording time if it is less than 5 minutes.
- If you hear "Memory full", "Message full" is displayed on the base unit and the ANSWER ON indicator flashes rapidly, erase some, or all, of the messages (p. 69).



- If you do not want the unit to answer calls, press **ANSWER ON** again to turn off the answering system. The indicator light goes out and "Answer off" is heard.
- You can also turn on the answering system remotely using any other phone (p. 79).

Monitoring incoming calls

While a call is being recorded, you can monitor it through the speaker. To answer the call with the speakerphone, press **DIGITAL SP-PHONE**. For the handset, lift the handset off the base unit and press **TALK**. The unit stops recording.

- KX-TC1871NZB will not answer incoming calls on your FaxAbility number.

Listening to Messages

You can see the total number of recorded messages on the base unit display. If the ANSWER ON indicator flashes, new messages have been recorded.

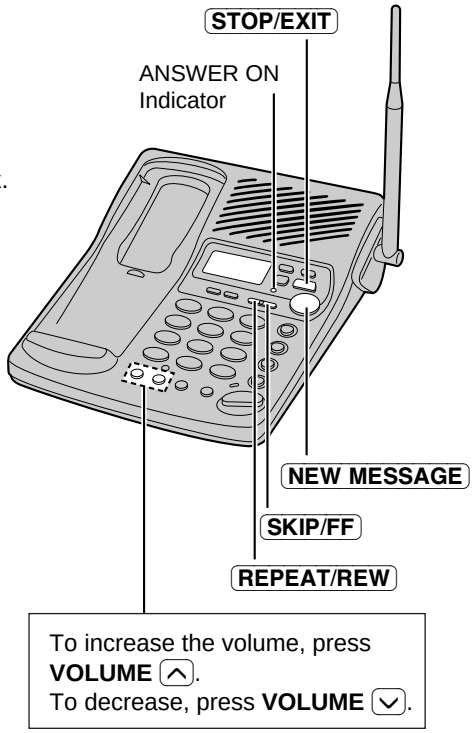
Listening to only new messages

Press **NEW MESSAGE** briefly.

- The unit announces the number of new messages and plays them back.

Listening to all recorded messages

Press and hold **NEW MESSAGE** until playback starts.



- During playback, the display shows which message is being played. (Ex. While the first message is being played back, "`Message 1`" is displayed.)
- At the end of the last message, "End of final message" is heard. The unit will announce the remaining recording time if it is less than 5 minutes.

During playback

To **repeat/ rewind** message	**To repeat from the beginning of the message** Press **REPEAT/REW** briefly. ●If you press within 5 seconds of playback, the previous message will be played. **To rewind part of the message** Press and hold **REPEAT/REW** until you reach the desired place. ●At the beginning of the message, 3 beeps will sound.
To **skip/cue** message	**To skip to the next message** Press **SKIP/FF** briefly. **To cue to part of the message** Press and hold **SKIP/FF** until you reach the desired place. ●The message will be heard at twice the normal speed. ●At the end of the message, 3 beeps will sound.
To **stop** operation	Press **STOP/EXIT**. ●To resume playback, press **NEW MESSAGE**. ●If you do not press any button for 60 seconds or if you press **STOP/EXIT** again, the unit will return to the standby mode.

For Caller ID service users (p. 36)

●During playback, the base unit display will show the phone number of the caller whose message is being played.

To call back the displayed number:

During playback, lift the handset and press **TALK** within 10 seconds, or press **DIGITAL SP-PHONE**.

—The unit stops playback and automatically dials the displayed phone number.

●After listening to new incoming messages, "√" will be added to the call entries in the Caller ID Caller List (p. 39).

From the Handset

If someone else is in the room and you want to listen to the recorded messages privately, you can use the handset.

1 Handset:
Press **RECALL/PLAYBACK**.

- The number of new messages is heard on the handset.

2 Base unit:
To listen to new messages, press **NEW MESSAGE** briefly.
To listen to all messages, press and hold **NEW MESSAGE** until playback starts.

- The messages will be heard on the handset.
- **REPEAT/REW**, **SKIP/FF** and **STOP/EXIT** can also be used during playback (p. 67).

3 When finished, press **RECALL/PLAYBACK** or place the handset on the base unit.

- You can also listen to messages without using the base unit. See page 80.

Erasing Messages

The unit will announce the remaining recording time after playback, if it is less than 5 minutes. New messages cannot be recorded when:
—"Memory full" is heard.
—"Message full" is displayed on the base unit.
—the ANSWER ON indicator flashes rapidly.
Erase some, or all, of the messages. We recommend you erase unnecessary messages after each playback.

Erasing a specific message

Press **ERASE/CLEAR** while the message you want to erase is being played.

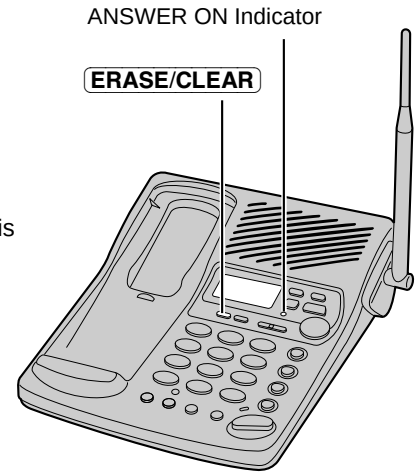
- The unit erases the message.
- A short beep will sound and the unit will continue to play the next message.

Erasing all messages

All recorded messages, except the greeting message, can be erased at one time.

1 Press **ERASE/CLEAR**.
- "Press ERASE again to erase all messages" is heard.

2 Within 5 seconds, press **ERASE/CLEAR** again.
- A beep sounds and "No messages" is heard.
- The base unit display shows "0 message".



- The information in the Caller List will not be erased. To erase Caller List information, see page 45.

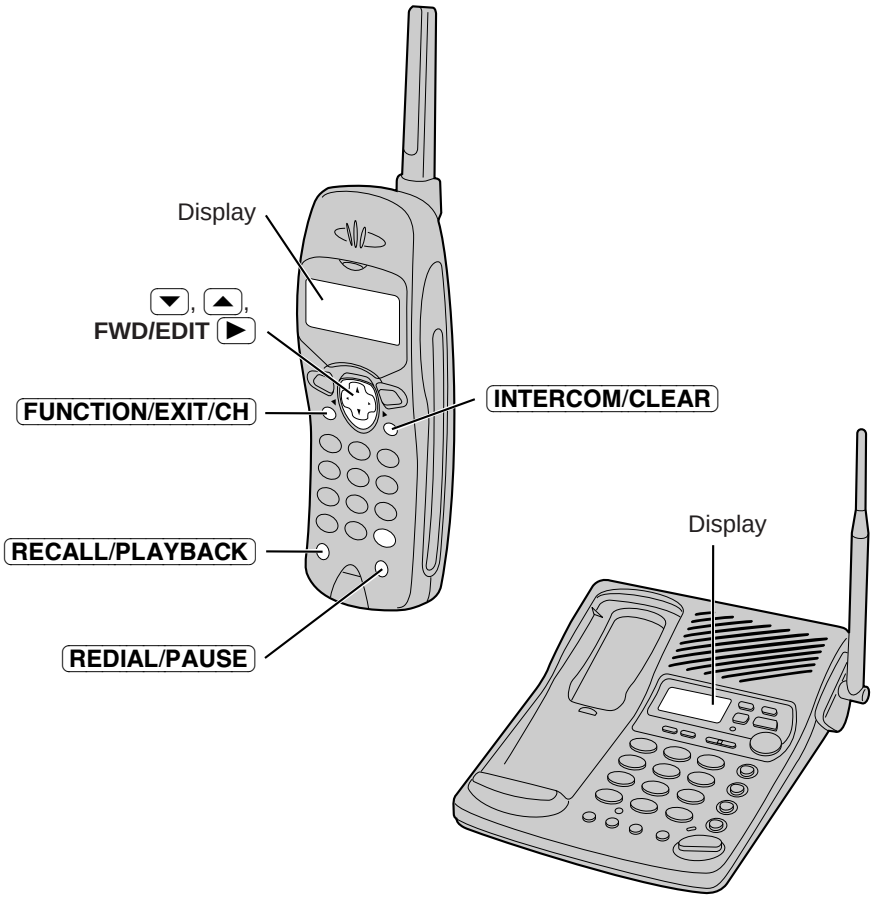
Pager Call

This feature allows you to alert your pager when the unit records an incoming message. You can retrieve the message from a touch tone telephone (p. 74). First program the pager number, then set the unit to call the pager.

- Consult your pager company to check whether the service alerts your pager automatically or via an operator. If an operator is used, this feature cannot be used.

Make sure that the unit is in the standby mode.

Storing a Pager Number



1 Press **FUNCTION/EXIT/CH**.

2 Press ▼ or ▲ repeatedly until the arrow points to "Program".

```
 Ringer volume
▶Program
▼▲          ▶=Yes
```

3 Press **FWD/EDIT** ▶ (Yes key).

```
▶Save DIRECT#
 Set recall time
▼▲          ▶=Yes
```

4 Press ▼ or ▲ repeatedly until the arrow points to "TAD program".

```
▶TAD program

▼▲          ▶=Yes
```

5 Press **FWD/EDIT** ▶ (Yes key).

- The base unit display shows the answering system function menu.

```
Answering
system setting.
See base unit.
```

6 Press #.

Base unit display

```
Enter pager no.
```

7 Enter your pager number, and press **REDIAL/PAUSE** twice.* Enter the access code, if required by your pager company, and press **REDIAL/PAUSE** twice again.*

- The entered number is displayed on the base unit.
- If you misdial, press **INTERCOM/CLEAR** and enter the correct number.
- You can enter a total of 44 digits.

8 Press **FWD/EDIT** ▶ (Save key).

- A beep sounds.
- To return to the standby mode, press **FUNCTION/EXIT/CH**.

* Pager companies require a delay after the pager number and/or the access code is dialled. Contact your pager company regarding the required pause time. Pressing **REDIAL/PAUSE** once creates a 3.5 second delay and counts as one digit.

➧ Pager Call

To confirm the stored pager number

1. Press **FUNCTION/EXIT/CH**.
2. Press ▼ or ▲ to select "Calling pager".
3. Press **FWD/EDIT** ▶ (Yes key).
4. Press **TALK**.

- The unit dials the stored pager number.
- If the pager does not beep, check your pager by calling it manually to ensure it works. Start again from step 1 to store the pager number (p. 71).

To erase the stored pager number

Repeat steps 1 through 6 on page 71. ➧ **INTERCOM/CLEAR** ➧
➧ **FWD/EDIT** ▶ (Save key) ➧ **FUNCTION/EXIT/CH**.

- The pager call mode will automatically return to OFF (p. 73).

- After step 5 on page 71, do not press **6** ("Pager mode") and **7** ("Home number"), moreover do not change these settings. If you have changed these settings, reset to the default.
  (Pager mode: Recorded MSG, Home number: No items)

Setting the Unit to Call a Pager

1 Press **RECALL/PLAYBACK**.
- The number of new messages is heard on the handset.

2 Press **3**.
- " ***PAGER*** " is displayed on the base unit.
- If " ***PAGER*** " is not displayed, the pager number has not been stored. Store the number (p. 71), and try again.

3 Press **RECALL/PLAYBACK**.

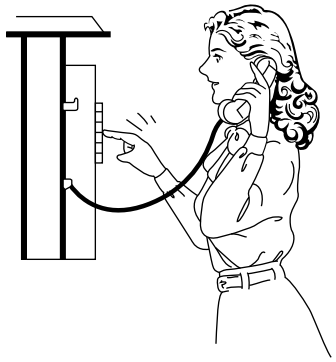
To turn off the pager call mode, repeat steps 1 through 3.
- " ***PAGER*** " will disappear.
- Each time you press **3** in step 2, the mode will turn on or off.

- If someone else makes or answers another call with the unit or a parallel connected phone before the unit alerts your pager for a previous message, the unit will stop alerting your pager for that message.

Remote Operation from a Touch Tone Phone

You can operate the answering system from any touch tone phone. A synthesized voice menu will guide you on how to operate the unit (p. 76).

- To skip the voice menu and operate the unit directly, see page 78.



Summary of remote operation

Call your unit from a touch tone phone.

↓

Enter your remote code (p. 75) during or after the greeting message.
- The number of new messages is heard.

↓

After 3 seconds, the voice menu will start (p. 76).
Follow the menu or enter the direct commands (p. 78).

↓

To end remote operation, hang up.
- The messages are saved.

- The unit will announce the remaining recording time after playback, if it is less than 5 minutes.

Setting the Remote Code

The remote code prevents unauthorized people from accessing your unit and listening to your messages. Choose any **2-digit number (00–99)**. The factory preset remote code is "**11**". If you do not program your own remote code, you can use "11".

Make sure that the unit is in the standby mode.

1 Press **FUNCTION/EXIT/CH**.

2 Press ▼ or ▲ repeatedly until the arrow points to "Program".

```
 Ringer volume
▶Program
▼▲          ▶=Yes
```

3 Press **FWD/EDIT** ▶ (Yes key).

```
▶Save DIRECT#
 Set recall time
▼▲          ▶=Yes
```

4 Press ▼ or ▲ repeatedly until the arrow points to "TAD program".

```
▶TAD program

▼▲          ▶=Yes
```

5 Press **FWD/EDIT** ▶ (Yes key).

- The base unit display shows the function menu for the answering system.

```
Answering
system setting.
See base unit.
```

6 Press 1.

- The current remote code is displayed on the base unit.

Base unit display

```
Remote code
            :11
```

7 Enter a remote code using a **2-digit number (00–99)**.

8 Press **FWD/EDIT** ▶ (Save key).

- A beep sounds.
- To return to the standby mode, press **FUNCTION/EXIT/CH**.

- If 6 beeps sound during programming, a wrong key was pressed. Enter the correct number.

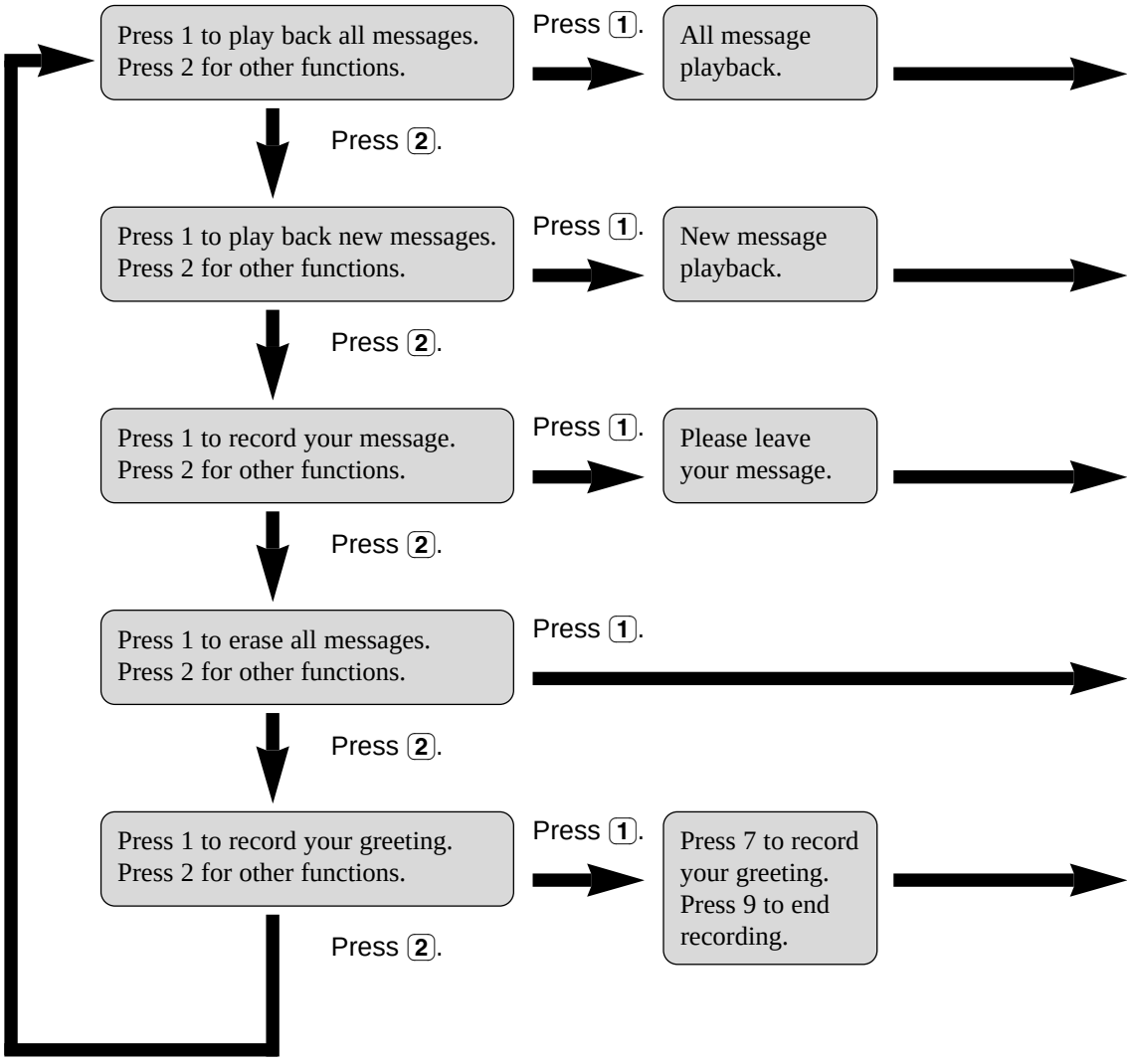
To check the remote code

Repeat steps 1 to 6.

- The current remote code is displayed on the base unit. When finished, press **FUNCTION/EXIT/CH**.

Voice Menu

The shaded boxes are voice prompts.



All Message Playback
All recorded messages are played back. At the end of the last message, "End of final message" is heard. The unit will announce the remaining recording time if it is less than 5 minutes.

New Message Playback
Only new messages are played back. At the end of the last message, "End of final message" is heard. The unit will announce the remaining recording time if it is less than 5 minutes.

Recording a Memo Message
You can leave a personal message.
1. Talk after you hear "Please leave your message".
2. When you finish recording, hang up.

Erasing All Messages
All recorded messages (except greeting message) are erased.

Recording a Greeting Message
You can re-record your greeting message.
1. Press 7.
   You will hear a voice prompt followed by a long beep.
2. After the beep, talk for up to 2 minutes.
3. When you finish recording, press 9.
4. Your greeting will be played back for confirmation.

- 3 seconds after playback, the voice menu will start again from the beginning.
- If you hear "Memory full" after playback, erase some, or all, of the messages (p. 78).

Direct Remote Operation

Once you have entered the remote code, you can also control your unit by direct commands instead of using the voice menu. To end the remote operation, hang up anytime.

Direct commands

NEW MESSAGE PLAYBACK	4	●Only new messages are played back.
ALL MESSAGE PLAYBACK	5	●All messages are played back.
REPEAT (During playback)	1	●The current message is repeated.
SKIP (During playback)	2	●The current message is skipped. The next message is played.
STOP	9	●Operation is stopped temporarily. ●To resume operation, enter a direct command within 15 seconds, or the voice menu will start.
GREETING MESSAGE RECORDING	7 ⬇ RECORD ⬇ 9	●A long beep sounds. ●After the beep, talk immediately for up to 2 minutes. ●The recording is stopped. ●The recorded message is played.
ERASING A SPECIFIC MESSAGE (During playback)	✱ 4	●The current message is erased. ●A short beep will sound and the next message will be played.
ERASING ALL MESSAGES	✱ 5	●All recorded messages are erased. ●A long beep sounds and "No messages" is heard.

PAGER CALL ON/OFF	3	●Each time you press 3, "On/Off" is heard and the mode will turn on or off. ●If you have not stored a pager number, 6 beeps will sound and the mode will not turn on.
ANSWERING SYSTEM OFF	0	●The unit hangs up and will not answer calls until turned on again.

Turning on the answering system

Call your unit and wait for 15 rings.

- The unit will answer and the greeting message will be played.
- The answering system will turn on. Hang up or enter the remote code for other options.
- When turning on the answering system using a rotary or pulse service telephone, you cannot enter the remote code for other options.

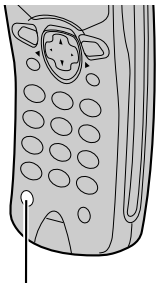
Skipping the greeting message

After calling your unit, press ✱ during the greeting message.

- The unit skips the rest of the greeting message and you can start recording your message after the long beep.

Remote Operation with the Handset

You can operate your answering system with the handset.
The announcements and recorded messages can only be heard with the handset.



RECALL/PLAYBACK

Summary of remote operation

Press **RECALL/PLAYBACK**.
- The number of new messages is heard.
- "Remote operation" is displayed on the handset.

↓

Enter the desired direct commands (p. 81).
- If you do not enter a command, the voice menu will start (see below).
- After the voice menu, all message playback will start.

↓

To end remote operation, press **RECALL/PLAYBACK**.
- The messages are saved.

- The unit will announce the remaining recording time after playback, if it is less than 5 minutes.
- If the unit starts to ring during the remote operation, press **TALK** to answer the call. The remote operation is ended.
- If you hear "Memory full" after playback, erase some, or all, of the messages (p. 81).

Voice menu

If no commands are entered after you press **RECALL/PLAYBACK**, the unit will start the following voice menu.

"Press 4 to play back new messages. Press 5 to play back all messages."

- You can enter direct commands even if the voice menu has started.

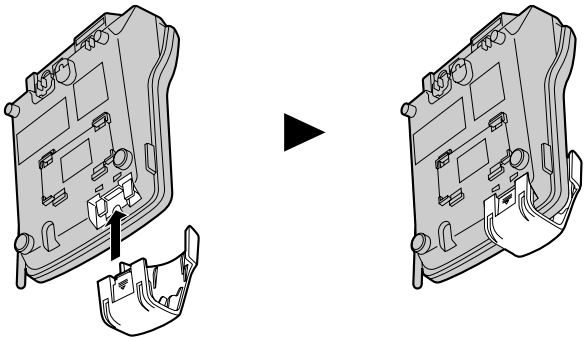
Direct commands

NEW MESSAGE PLAYBACK	4	●Only new messages are played back.
ALL MESSAGE PLAYBACK	5	●All messages are played back.
REPEAT (During playback)	1	●The current message is repeated.
SKIP (During playback)	2	●The current message is skipped. The next message is played.
STOP	9	●Operation is stopped temporarily. ●To resume operation, enter a direct command within 15 seconds, or the voice menu will start (p. 80).
ERASING A SPECIFIC MESSAGE (During playback)	✱ 4	●The current message is erased. ●A short beep will sound and the next message will be played.
ERASING ALL MESSAGES	✱ 5	●All recorded messages are erased. ●A long beep sounds and "No messages" is heard.
PAGER CALL ON/OFF	3	●Each time you press 3, the mode will turn on or off. ●If you have not stored a pager number, " PAGER " will not be displayed on the base unit, and the mode will not turn on.
ANSWERING SYSTEM OFF	0	●"Answer off" is heard and the answering system is turned off.
ANSWERING SYSTEM ON	8	●"Answer set" is heard and the answering system is turned on.

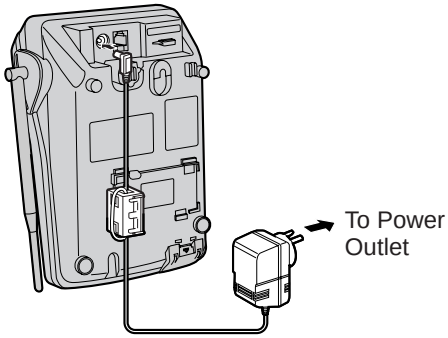
Wall Mounting

This unit can be mounted on a wall.

1 Set the handset holder as shown.

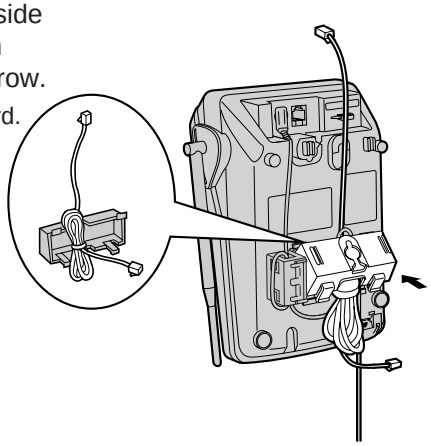


2 Connect the AC adaptor.

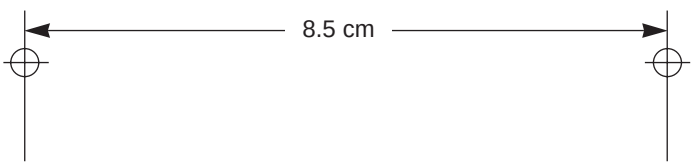


3 Tuck the telephone line cord inside the wall mounting adaptor, then push it in the direction of the arrow.

- The word “UP” should face upward.

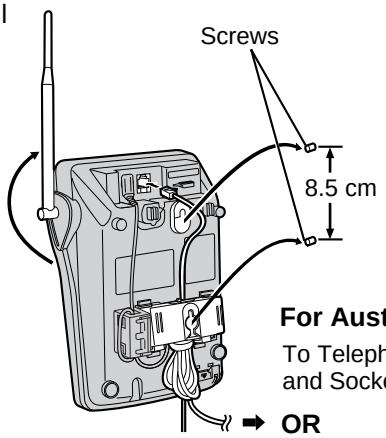


Wall Template



4 Install screws using the wall template (see p. 82).
Connect the telephone line cord.
Mount the unit, then slide down.

- Raise the antenna.



For Australia

To Telephone Plug and Socket

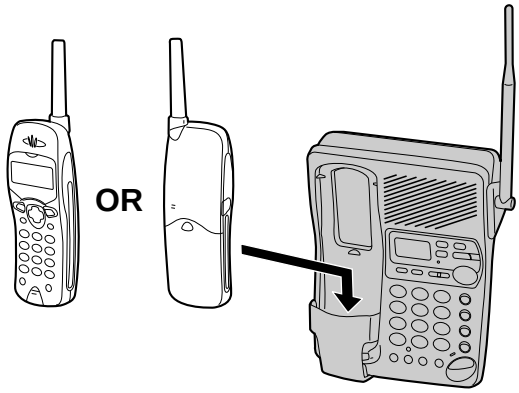
OR

For New Zealand

To Single-Line Telephone Jack

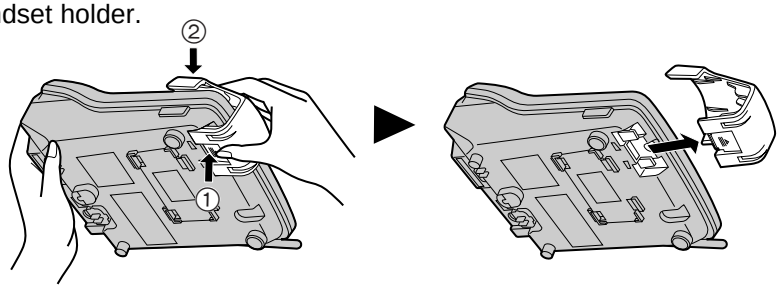
5 **To charge the battery:**
Place the handset on the handset holder as shown.

- The IN USE/CHARGE indicator lights.



To remove the handset holder

While pressing the arrow (①) and opposite side (②) of the holder, pull out the handset holder.



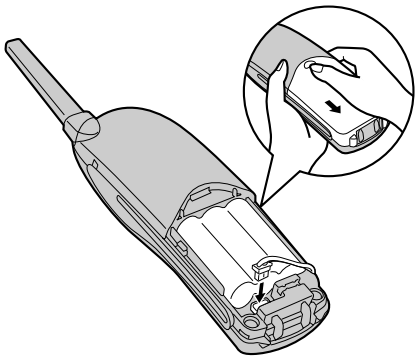
Battery Replacement

If "Recharge battery" is displayed and/or "{ ▮]" flashes after being fully charged, replace the battery with a new Panasonic P-P508 battery. To prevent memory loss, replace within 3 minutes.

1 Press the notch on the battery cover firmly and slide it as indicated by the arrow.

2 Replace the battery and close the cover.

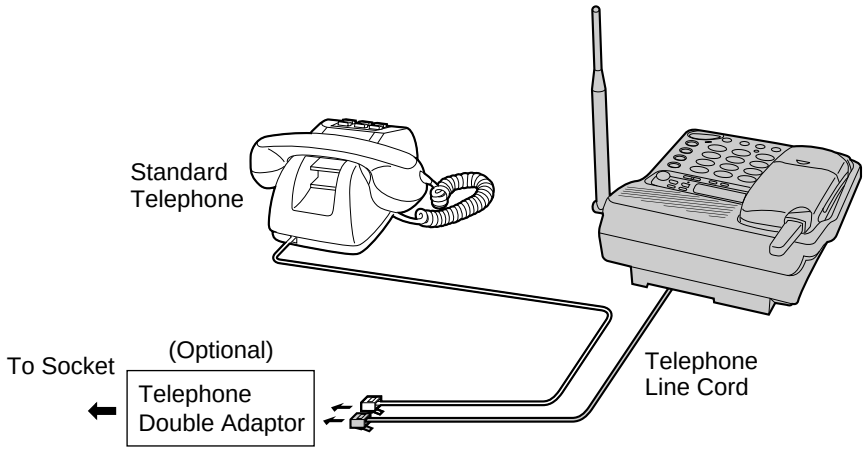
3 Make sure you charge the new battery for about 6 hours in order to display the battery strength prompt correctly (p. 15).



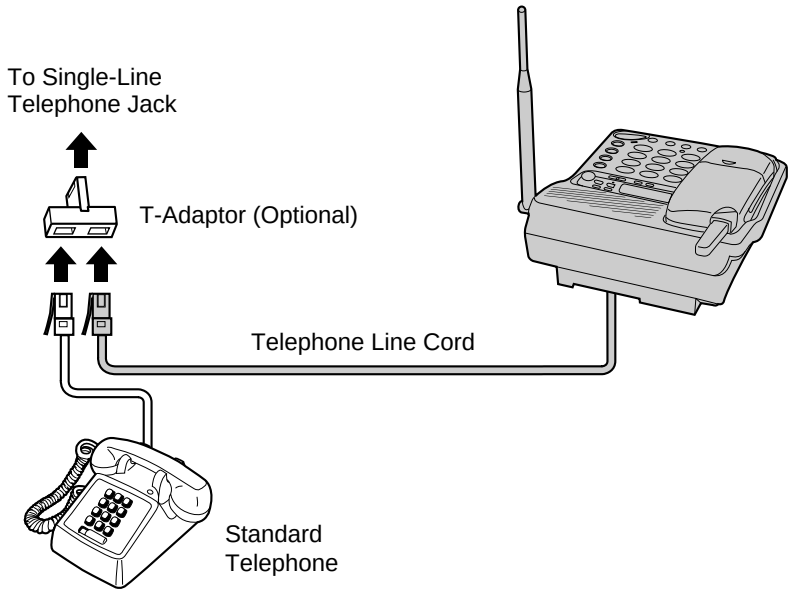
Adding Another Phone

This unit will not function during a power failure. To connect a standard telephone on the same line, use a telephone double adaptor.

For Australia



For New Zealand



Before Requesting Help

Cordless Telephone

Problem	Cause and Remedy
"No link to base. Place on cradle and try again." is displayed and an alarm tone sounds.	●You are too far from the base unit. Move closer and try again. ●Place the handset on the base unit and try again. ●Plug in the AC adaptor. ●Raise the base unit antenna.
Static, sound cuts in/out, fades. Interference from other electrical units.	●Locate the handset and the base unit away from other electrical appliances (p. 3). ●Move closer to the base unit. ●Raise the base unit antenna. ●Press **FUNCTION/EXIT/CH** to select a clearer channel.
The handset and/or the base unit do not ring.	●The ringer volume is set to OFF. Set to HIGH or LOW (p. 21, 22). ●If the line is connected to a low voltage system such as a PBX, the unit may not ring. Set the line mode to "B" (p. 18).
The handset display is blank.	●The handset is in the standby mode (p. 16). Press ▼, ▲, **BACK** ◀ or **FWD/EDIT** ▶ to turn the display on.
The handset display is still blank after pressing ▼, ▲, **BACK** ◀ or **FWD/EDIT** ▶.	●Charge the battery fully (p. 15).
You cannot store a name and phone number in the directory.	●You cannot store an item in the directory while the unit is in the talk, speakerphone or intercom mode, or while the answering system is in use. ●Do not pause for over 60 seconds while storing.
While programming or searching, the unit starts to ring and stops the program/ search.	●To answer the call, press **TALK** or **DIGITAL SP-PHONE**. Start again from the beginning after hanging up.

Problem	Cause and Remedy
The unit does not display the caller's phone number.	●You do not subscribe to a Caller ID service. ●Other telephone equipment may be interfering with your phone. Disconnect it and try again. ●Other electrical appliances connected to the same outlet may be interfering with the Caller ID information. ●Telephone line noise may be affecting the Caller ID information. ●Some PABX units do not support Caller Display.
The handset display goes to the standby mode while viewing the Caller List.	●Do not pause for over 60 seconds while searching. ●**DIGITAL SP-PHONE** was pressed.
When a second call is received during a conversation, the unit does not display the new caller's phone number.	●The line mode selection is incorrect. See page 18. ●Your Caller ID service provider does not support this feature.
LOCATOR/INTERCOM does not function.	●The handset is too far from the base unit. ●The handset is engaged in an outside call or is viewing the Caller List/directory list. Wait until the IN USE/CHARGE indicator light goes out.
You cannot redial by pressing **REDIAL/PAUSE** or **REDIAL**.	●If the last number dialled was more than 32 digits long, the number will not be redialled correctly. ●Access numbers entered after pressing **TONE** will not be included when redialling.
You cannot have a conversation using the handset.	●When the optional headset is connected (p. 17), you must use the headset to talk with the caller. To have a normal cordless phone conversation, disconnect the headset.
You cannot have a conversation using the headset.	●Make sure that the optional headset is connected properly (p. 17).

Before Requesting Help

Answering System

Problem	Cause and Remedy
The answering system is on, but incoming messages are not recorded.	●The recording time is set to “Greeting only”. Select “1 minute” or “3 minutes” (p. 28). ●Memory is full. Erase some, or all, of the messages (p. 69).
You cannot listen to the recorded messages.	●Make sure that the unit is in the standby mode.
“Message full” is displayed and the ANSWER ON indicator flashes rapidly, and no new messages are recorded.	●Memory is full. Erase some, or all, of the messages (p. 69).
You cannot operate the answering system at the base unit.	●The handset user is operating the answering system. Wait until the IN USE/CHARGE indicator light goes out.
You cannot operate the answering system from a touch tone phone.	●Make sure you enter the correct remote code. ●The answering system may not respond if the tones are too short to activate the unit. Press each button firmly. ●The answering system is off. Turn it on (p. 79).
You cannot operate the answering system with the handset.	●Someone is operating the answering system. ●You are too far from the base unit. Move closer to the base unit. ●The unit is recording a message. To answer the call, press **TALK**.

Problem	Cause and Remedy
While recording a greeting message, the unit starts to ring and stops recording.	●To answer the call, press **DIGITAL SP-PHONE**, or lift the handset off the base unit or press **TALK**. Start again from the beginning after hanging up.
During playback, the unit starts to ring and stops playback.	●To answer the call, press **DIGITAL SP-PHONE**, or lift the handset off the base unit or press **TALK**. To resume playback, press **NEW MESSAGE** after hanging up.
The unit does not alert your pager.	●The line mode selection is incorrect. See page 18.

General

Problem	Cause and Remedy
The unit does not work.	●Check the settings (p. 14–18). ●Charge the battery fully (p. 15). ●Clean the charge contacts and charge again (p. 16). ●Install the battery properly (p. 15, 84). ●Place the handset on the base unit and unplug the AC adaptor to reset. Plug in, and try again. ●KX-TC1871ALB and KX-TC1871NZB are not designed to be used with rotary (pulse dialling) services.

Before Requesting Help

Problem	Cause and Remedy
You cannot program items, such as the line mode.	●Programming is not possible while the unit is in the talk or speakerphone mode, when viewing the Caller List/directory list, or while the answering system is in use. ●Do not pause for over 60 seconds while programming. ●Move closer to the base unit. ●▼, ▲, **BACK** ◀ or **FWD/EDIT** ▶ may have been pressed when you picked up the handset. Press **FUNCTION/EXIT/CH** and try again.
Previously programmed information is erased.	●If a power failure occurs, programmed information may be erased. Reprogram if necessary.
"Recharge battery" is displayed, "[▮]" flashes or the unit beeps intermittently.	●Charge the battery fully (p. 15).
You charged the battery fully, but "Recharge battery" is still displayed and/or "[▮]" continues to flash.	●Clean the charge contacts and charge again (p. 16). ●Install a new battery (p. 84).
The IN USE/CHARGE indicator light does not go out while charging.	●This is normal.

For New Zealand Customers
Panasonic New Zealand operates a toll free Customer Support Centre.
Please phone 0800 Panasonic (0800 726276) for assistance.

Safety Instructions

Take special care to follow the safety suggestions listed below.

Safety

1) The unit should be connected to a power supply only of the type described in the operating instructions or as marked on the unit.
2) When left unused for a long period of time, the base unit should be unplugged from the household AC outlet.
3) To minimize the possibility of lighting damage when you know that a thunderstorm is coming, we recommend that you:
   a) Unplug the telephone line cord from the phone jack.
   b) Unplug the power supply cord from the AC power outlet.

Installations

Environment

1) Do not use this unit near water—for example, near a bathtub, washbowl, sink, etc. Damp basements should also be avoided.
2) The unit should be kept away from heat sources such as radiators, kitchen range, etc. It also should not be placed in rooms where the temperature is less than 5°C or greater than 40°C.
3) The AC adaptor is used as the main disconnect device, ensure that the AC outlet is located/installed near the unit and is easily accessible.

Placement

1) Do not place heavy objects on top of this unit.
2) Care should be taken so that objects do not fall onto and liquids are not spilled into the unit. Do not subject this unit to excessive smoke, dust, mechanical vibration, or shock.
3) Place the unit on a flat surface.

For best performance

1) If noise prevents the conversation from being understood at the handset, approach the base unit to lessen the noise.
2) The handset should be used at the HIGH volume setting when the reception tone is difficult to hear.
3) The handset should be fully recharged on the base unit when "Recharge battery" is displayed and/or "[▮]" flashes on the display.
4) The handset antenna should not be touched during use because of its high sensitivity.
5) The maximum calling distance may be shortened when the unit is used in the following places: Near obstacles such as hills, tunnels, undergrounds, near metal objects such as wire fences, etc.

Safety Instructions

WARNING:
TO PREVENT FIRE OR SHOCK HAZARD, DO NOT EXPOSE THIS PRODUCT TO RAIN OR ANY TYPE OF MOISTURE.

Medical
Consult the manufacture of any personal medical device, such as pacemakers, to determine if they are adequately shielded from external RF (radio frequency) energy. (The unit operates in the frequency range of 917MHz to 927MHz for Australia and 923MHz to 927MHz for New Zealand, and the power output level can range from 0.001 watts to 0.1 watts.) Do not use the unit 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 (radio frequency) energy.

When a failure occurs which results in the internal parts becoming accessible, disconnect AC adaptor immediately and return this unit to the place of purchase or service centre.

If there is any trouble, disconnect the unit from the telephone line and connect a known working phone. If the known working phone operates properly, do not reconnect the unit to the telephone line until the trouble has been repaired. If the known working phone does not operate properly, consult with your telephone company.

This equipment has been tested and found to comply with AS/NZS 3548:1995 limits for electromagnetic interference. Any modifications to any part of the system or to any peripherals may void the EMC compliance of the system or the peripherals.

WARNING:
This equipment will be inoperable if mains power fails.

WARNING:
The earcap on the handset is magnetised and may retain metallic objects.

For New Zealand Users Only

The grant of a Telepermit for any item of terminal equipment indicates only that Telecom has accepted that the item complies with minimum conditions for connection to its network. It indicates no endorsement of the product by Telecom, nor does it provide any sort of warranty. Above all, it provides no assurance that any item will work correctly in all respects with another item of Telepermitted equipment of a different make or model, nor does it imply that any product is compatible with all of Telecom's network services.

This equipment may not provide for the effective hand-over of a call to another device connected to the same line.

This device only responds to Distinctive Alert cadence(s) DA1 & DA3.

WARNING NOTICE:
No "111" or other calls can be made from this device during a mains power failure.
This equipment shall not be set to make automatic calls to the Telecom "111" Emergency Service.

- We recommend that a standard phone which can be used in the case of a power failure be connected to the telephone line at all times.
- This cordless telephone system does not incorporate provision for secrecy of conversations. Appropriately tuned radio equipment and other cordless telephone systems in close proximity may be used by a third party to monitor and possibly interrupt conversations in progress when this system is on radio operation.

Important Information (For Australia only)

Instructions to customer

Installation
Attached to this apparatus is an approval label. This label is evidence that it is a “Permitted Attachment” which has been authorised to be connected to your telephone service.
Conditions relating to connection and operation of this Permitted Attachment are contained in Telecommunications General By-Law 220 (5).

You are authorised to install this Permitted Attachment yourself by plugging it into the line socket of any regular telephone. You may connect it in place of your existing telephone or to any spare telephone socket installed in your premises.

To disconnect your existing telephone you must first remove its plug from the line socket. You can then insert the plug of your Permitted Attachment into the socket and use your equipment.

If the plug of your existing telephone cannot be readily removed, you will have to remove the screw securing it. To do this proceed as follows:

1. Loosen screw “A” sufficiently to remove the socket cover. (See Fig. 1.)
2. Remove screw “B” and withdraw the plug. (See Fig. 2.)
3. Replace screw “B”. (See Fig. 3.) Ensure that it screws completely into the socket recess. (If the screw is too long, increase the hole depth or replace the screw with one 5 mm shorter.)
4. Replace socket cover and tighten screw “A”. (See Fig. 4.)

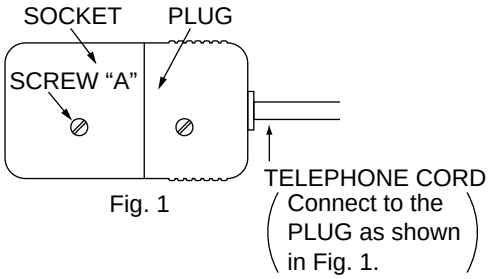


Fig. 1

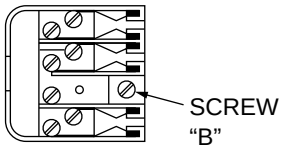


Fig. 3

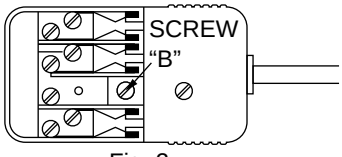


Fig. 2

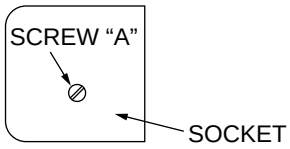


Fig. 4

If you are satisfied with the operation of your telephone service after plugging in your Permitted Attachment, your installation is completed.

You will be unable to connect this Permitted Attachment if your telephone service consists only of a wall phone or an old style telephone which is not connected by means of a modern plug and socket. In such cases a new socket will need to be installed.

Should the Permitted Attachment not operate when plugged into a socket, it is either faulty or unsuitable for operation with your telephone service. It should be returned to the store where purchased.

Service difficulties
If at any time a fault occurs on your telephone service carry out the following checks before you call for service:

- Disconnect the Permitted Attachment and try using the service with the normal telephone.
- If the telephone service then operates satisfactorily, the fault is in your Permitted Attachment. Leave the Permitted Attachment disconnected and report the fault to its supplier or agent to arrange for repair.
- If when using the telephone the service is still faulty, report the fault to “Service Difficulties and Faults” for attention.

You are required to keep this Permitted Attachment in good working order while it is connected to your telephone service. Its construction or internal circuit must not be modified in any way without permission.

WARNING
This cordless telephone system does not incorporate provision for secrecy of conversations. Appropriately tuned radio equipment and other cordless telephone systems in close proximity may be used by a third party to monitor and possibly interrupt conversations in progress when this system is on radio operation.

Kyushu Matsushita Electric Co., Ltd.
1-62, 4-chome, Minoshima, Hakata-ku, Fukuoka 812-8531, Japan

Printed in Japan **PQQX12877ZA** FF0900HK0 Ⓓ