Panasonic

Cordless Phone

Model No. KX-TCC106-B

Pulse-or-tone dialing capability

Operating Instructions

SOUND CHARGER PLUS

25 CHANNEL

Caller ID Compatible

PLEASE READ BEFORE USE AND SAVE.

Charge the battery for about 3 hours before initial use.

Before Initial Use

Please read IMPORTANT SAFETY INSTRUCTIONS on pages 47-48 before use. Read and understand all instructions.

Thank you for purchasing the Panasonic cordless telephone.

Caller ID and Visual Call Waiting (Call Waiting ID), where available, are telephone company services. After subscribing to Caller ID, this phone will display the caller's name and phone number. An added service, Visual Call Waiting, will display the second caller's name and phone number during call waiting.

Attach your purchase receipt here.

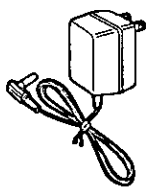
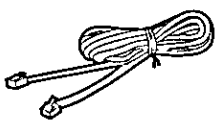
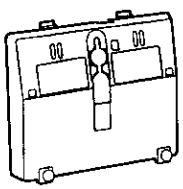
For your future reference

Serial No. _____ Date of purchase _____

(found on the bottom of the unit)

Name and address of dealer _____

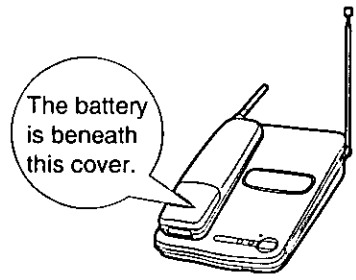
Accessories To order accessories, call 800-211-PANA (7262).

☐ AC Adaptor (p. 10) Part No. KX-A11-6	☐ Telephone Line Cord (p. 10)	☐ Wall Mounting Adaptor (p. 40, 42)
		
one	one	one

For Best Performance

Battery Charge

A rechargeable Ni-Cd battery powers the handset. Charge the battery for about **3 hours** before initial use (p. 11).

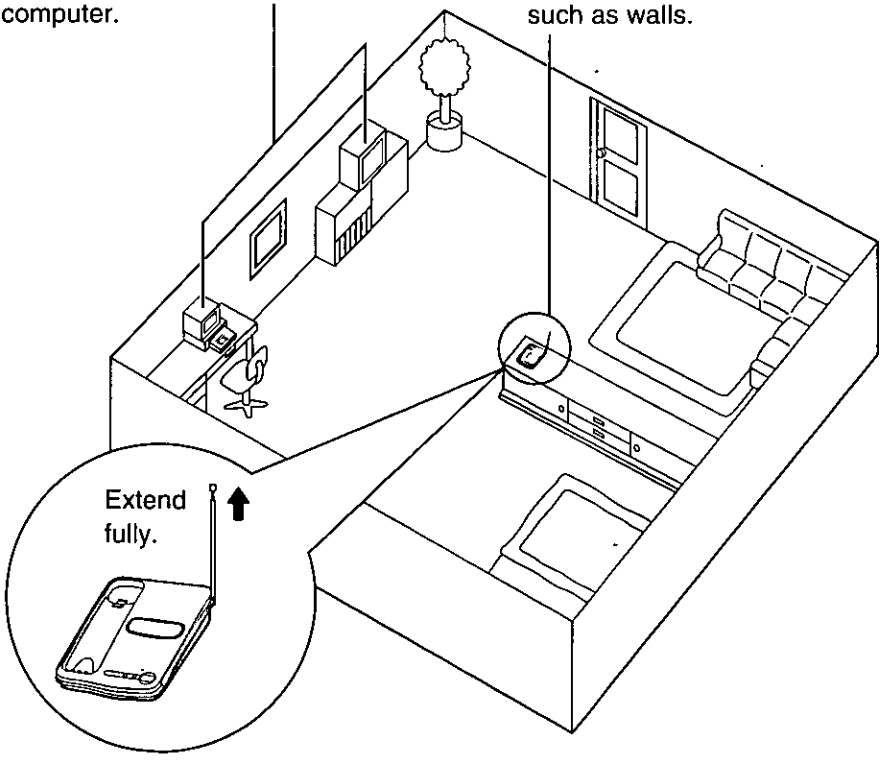


Operating Distance/Noise

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, radio, or personal computer.

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



Contents

Preparation

Location of Controls 6

Handset Display 8

Settings 10
- Connections 10
- Battery Charge 11
- Selecting the Dialing Mode 13
- Storing the Area Code 14
- Setting the Auto Talk Feature 15

Basic Operation

Making Calls 16

Answering Calls 18

Advanced Operation

Caller ID Service 20

Using the Caller List 22
- Viewing the Caller List 22
- Calling Back from the Caller List 24
- Editing the Caller's Phone Number 25
- Storing the Caller List Information in the Directory 26
- Erasing the Caller List Information 27

Voice Mail Service 28

Using the Directory 30
Storing Names and Numbers in the Directory 30
Steps for Entering Names and Symbols 32
Finding Items in the Directory 34
Dialing from the Directory 35
Changing an Item in the Directory 36
Erasing an Item from the Directory 37

Special Features 38
For Call Waiting Service Users 38
Handset Locator 39
Automatic Security Code Setting 39
Temporary Tone Dialing (For Rotary or Pulse Service Users) 39
If Your Unit is Connected to a PBX (Analog Only) 39

Useful Information

Wall Mounting 40

Convenient Desk Usage 42

Adding Another Phone 42

Battery Replacement 43

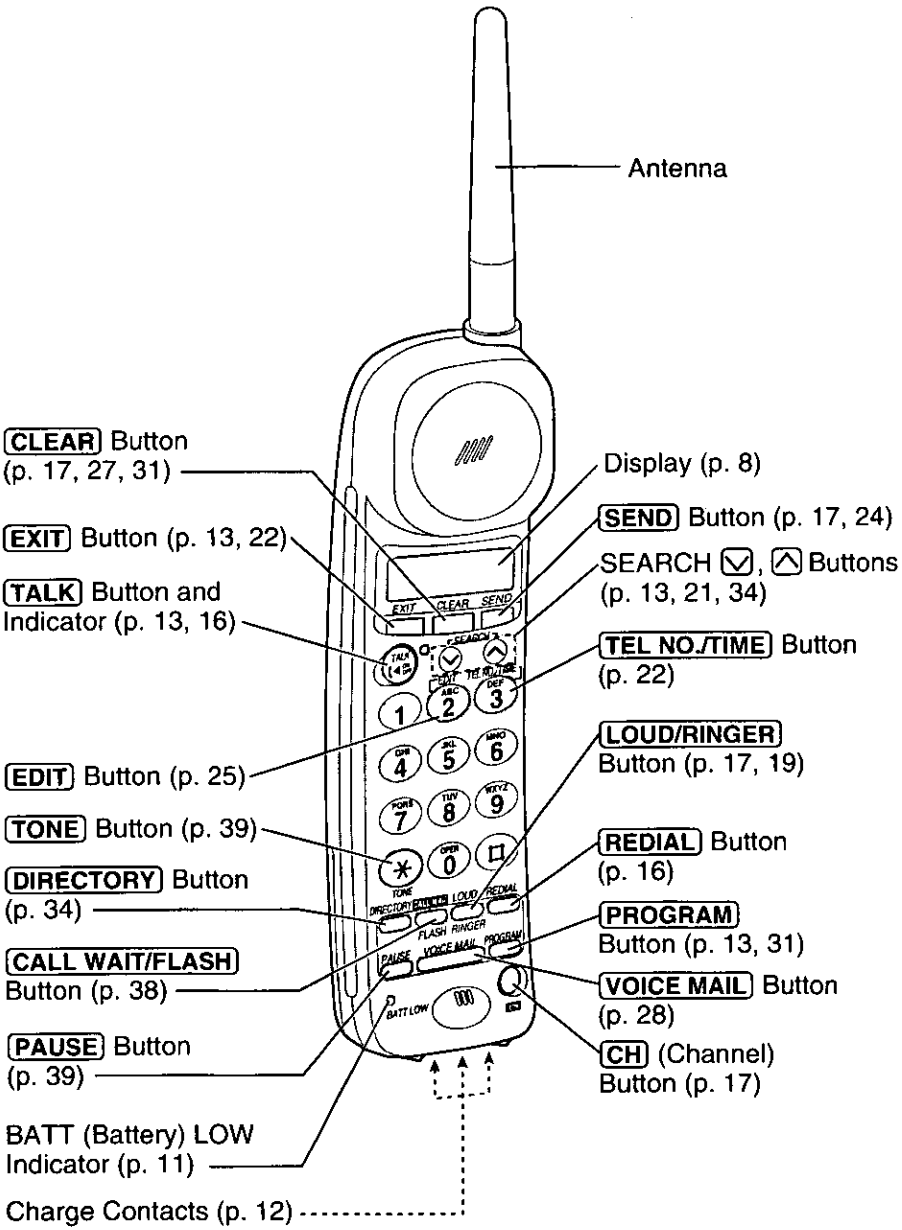
Before Requesting Help 44

Important Safety Instructions 47

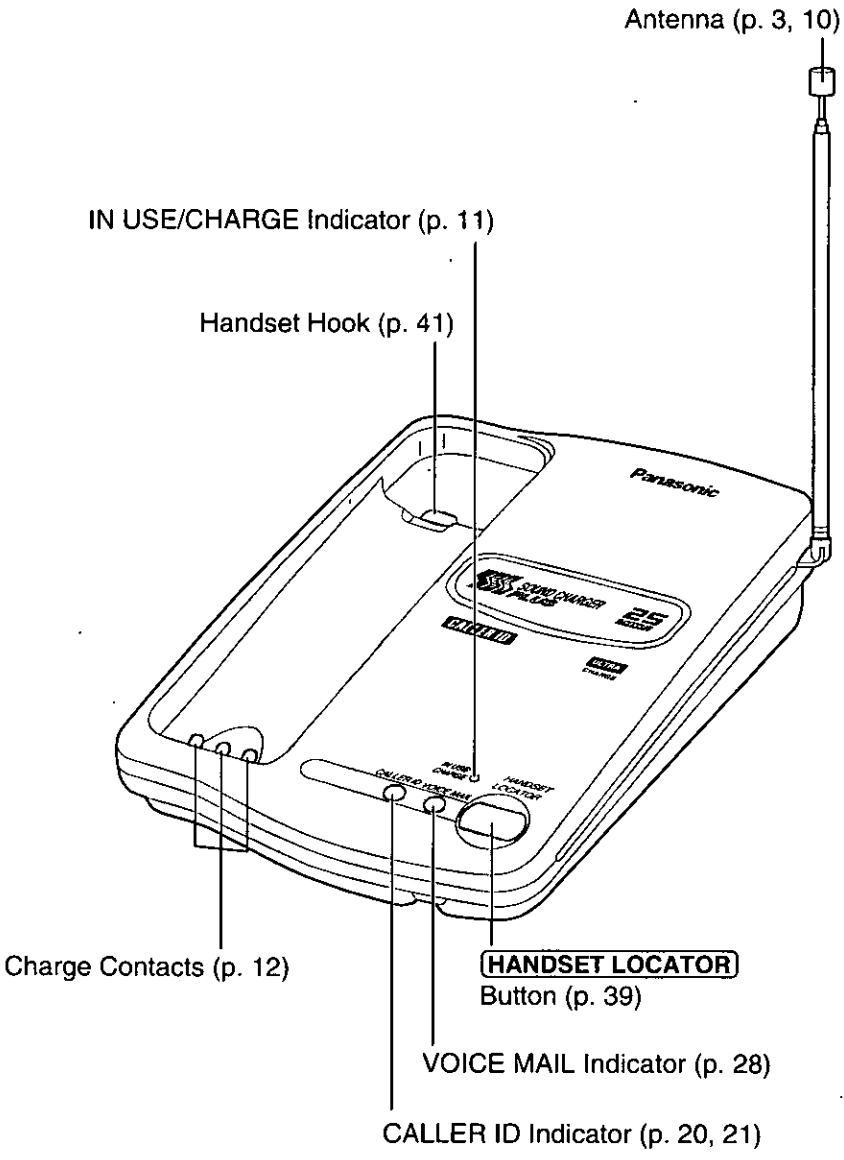
FCC and Other Information 49

Location of Controls

Handset

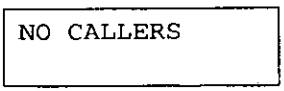


Base unit

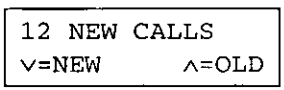

Antenna (p. 3, 10)
IN USE/CHARGE Indicator (p. 11)
Handset Hook (p. 41)
Panasonic
Charge Contacts (p. 12)
HANDSET LOCATOR
Button (p. 39)
VOICE MAIL Indicator (p. 28)
CALLER ID Indicator (p. 20, 21)

Handset Display

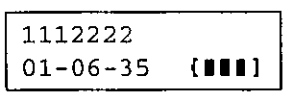
The handset gives you instructions and information on the display. These display prompts are shown below.



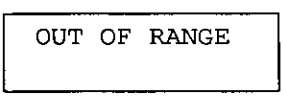
The Caller List is empty.



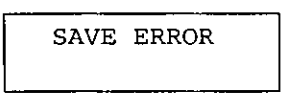
This display will be shown when:
– you lift the handset off the base unit, or
– **SEARCH** ▽ or △ is pressed when the handset is off the base unit.
The display shows the number of new calls (p. 21). To search from the most recent call, press **SEARCH** ▽ (NEW key).
To search from the oldest call, press **SEARCH** △ (OLD key) (p. 22).



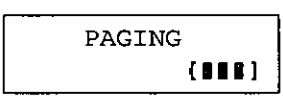
When making a call, the display will show the following:
– the dialed number,
– the length of the call (ex. 1 hour, 6 minutes and 35 seconds), and
– the present battery strength (p. 11).



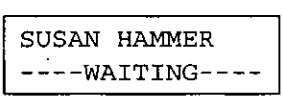
The handset has lost communication with the base unit (p. 17).



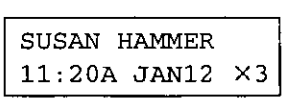
While programming, the handset lost communication with the base unit (p. 13, 26, 29, 31).



The base unit is paging the handset (p. 39).



A second call is received during a conversation (p. 38).

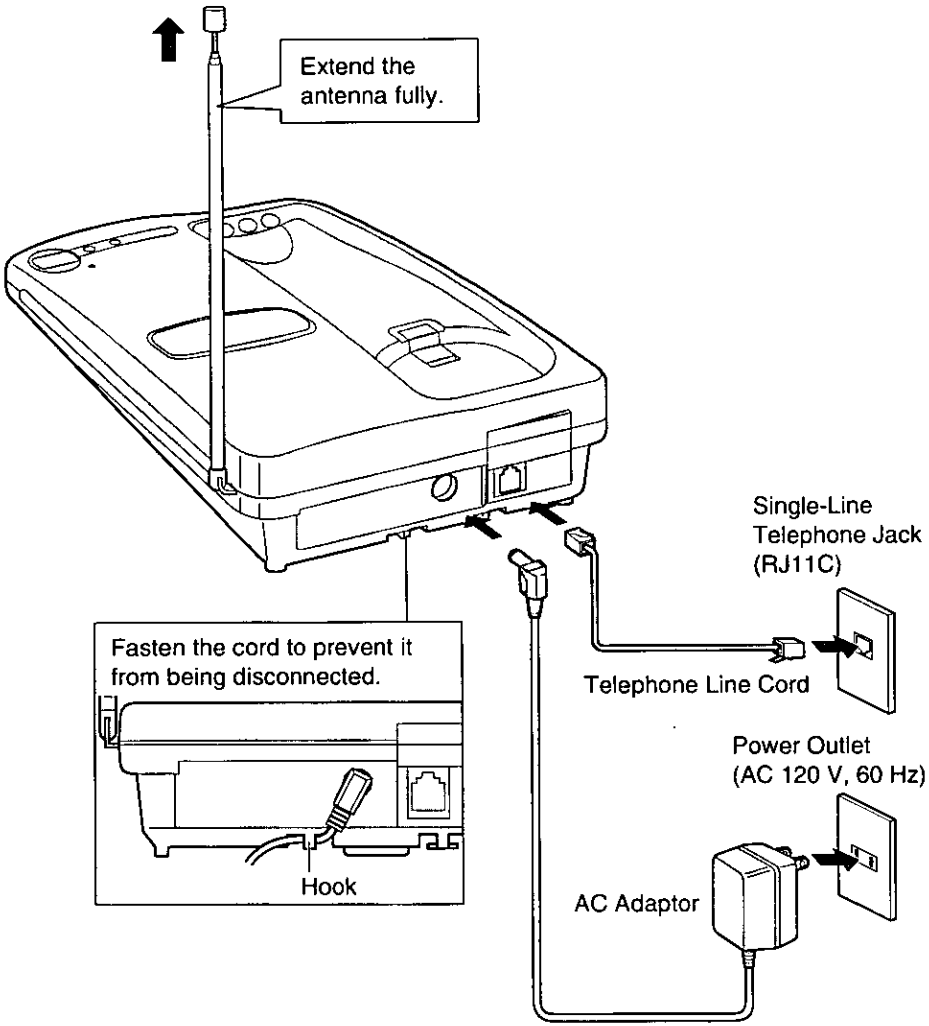


This is a name from the Caller List. The time and date of the last call (ex. Jan. 12, 11:20 AM) and the number of times called (ex. 3 times) are displayed.

END OF NEW CALL	You have finished viewing the NEW CALLS in the Caller List. To exit, press [EXIT].
END OF OLD CALL	You have finished viewing the OLD CALLS in the Caller List. To exit, press [EXIT].
END	You are at the end of the Caller List. To exit, press [EXIT].
MEMORY IS FULL	While trying to store the Caller List information in memory, the directory memory is full (p. 26).
ANNE 1234567890	This is a name from the directory. The stored name and phone number are displayed.
NO ITEM STORED	There are no stored items in the dialing button you pressed in the directory.
MEMORY IS FULL #=CLEAR	While trying to store an item in memory, the directory memory is full (p. 31).

Settings

Connections

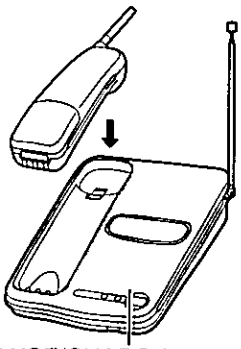


- USE ONLY Panasonic AC ADAPTOR KX-A11.
- The AC adaptor must remain connected at all times. (It is normal for the adaptor to feel warm during use.)
- To connect a standard telephone on the same line, see page 42.
- Do not connect a unit which can detect voice mail on the same line with this unit.
- If your unit is connected to a PBX which does not support Caller ID and voice mail services, you cannot access these services.

Battery Charge

Place the handset on the base unit and charge for about **3 hours** before initial use.

- The IN USE/CHARGE indicator lights.



IN USE/CHARGE Indicator

Battery strength

You can check the present battery strength on the display while the handset is in use (making/answering a call, etc.), or after viewing the Caller List/directory items, programming, etc.
After using the handset, the battery strength will be displayed for 5 seconds and the display will return to stand-by mode (see the next page).

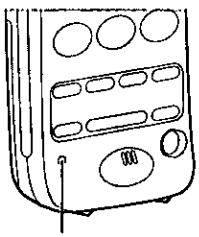
The battery strength is as shown in the chart below.

Display prompt	Battery strength
[▮▮▮]	Fully charged
[▮▮]	Medium
[▮]	Low

Recharge

When the BATT LOW indicator flashes or the unit beeps intermittently, recharge the battery.

- The BATT LOW indicator will continue to flash for at least 10 minutes once you begin recharging. This time will increase the more you use the handset while recharging.



BATT LOW Indicator

Battery information

If your Panasonic battery is fully charged:

Operation	Approx. battery life
While in use (TALK)	Up to about 8 hours
While not in use (Stand-By)	Up to about 21 days

- Battery life may be shortened depending on usage conditions, such as:
  - when viewing the Caller ID Caller List/directory items,
  - when the VOICE MAIL button on the handset flashes, 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.** If not, the battery may not charge properly.
- A fully charged battery does not require the handset to be placed on the base unit until the BATT LOW indicator flashes. This will maximize the battery life.
- The battery cannot be overcharged.

Stand-by mode (The handset is off the base unit.)

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

Selecting the Dialing Mode

You can program the dialing mode **using the handset close to the base unit**. If you have touch tone service, set to TONE. If rotary or pulse service is used, set to PULSE. The factory preset is TONE.

The TALK indicator light must be off before programming.

1 Press [PROGRAM].
- The TALK indicator flashes.

```
SAVE DIRECTORY?
∨=NEXT    ∧=YES
```

2 Press **SEARCH** ▽ (NEXT key) 5 times until "SET DIAL MODE ?" is displayed.

```
SET DIAL MODE ?
∨=NEXT    ∧=YES
```

3 Press **SEARCH** △ (YES key).

```
DIAL MODE
∨=TONE  ∧=PULSE
```

4 To select PULSE, press **SEARCH** △.
OR
To select TONE, press **SEARCH** ▽.
- A confirmation tone sounds.*
- The selected mode is displayed.
- The handset will return to stand-by mode.

```
DIAL MODE
          PULSE
```

```
DIAL MODE
           TONE
```

- To cancel programming changes, press [EXIT] before step 4.
- If the display shows "SAVE ERROR", move closer to the base unit and try again. If "SAVE ERROR" is still displayed, place the handset on the base unit. Restart from step 1.

*What the confirmation tone means

1 beep: The mode is different from the previously selected one.
2 beeps: The mode is the same as the previously selected one.

If a power failure occurs, the mode will return to the factory preset (TONE). Reprogram if necessary.

Storing the Area Code

We recommend that you program your area code first before using the Caller ID feature (p. 20). Then incoming calls from the same area code will be recorded in the Caller List without area code. You do not have to remove the area code before calling back or storing. Also, when incoming calls from a different area code are received, "1" will be added before the area code automatically.

The TALK indicator light must be off before programming.

1 Press [PROGRAM].
- The TALK indicator flashes.

```
SAVE DIRECTORY?
v=NEXT     ^=YES
```

2 Press **SEARCH** ▽ (NEXT key) 4 times until "SAVE AREA CODE?" is displayed.

```
SAVE AREA CODE?
v=NEXT     ^=YES
```

3 Press **SEARCH** △ (YES key).
- The current setting is displayed. The factory preset is "---".

```
AREA CODE = ---
ENTER AREA CODE
```

4 Enter your area code.
- If you enter a wrong number, press [CLEAR], then enter the correct number.

```
AREA CODE = 123
   PROGRAM=SAVE
```

5 When finished, press [PROGRAM] (SAVE key).
- The stored number is displayed.
- The handset will return to stand-by mode.

```
AREA CODE = 123
```

- To cancel programming changes, press [EXIT] before step 5.

To erase the area code

1. Press [PROGRAM].
2. Press **SEARCH** ▽ (NEXT key) 4 times.
3. Press **SEARCH** △ (YES key).
4. Press [CLEAR].
5. When finished, press [PROGRAM] (SAVE key).

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. The factory preset is OFF.

The TALK indicator light must be off before programming.

1 Press [PROGRAM].
- The TALK indicator flashes.

```
SAVE DIRECTORY?
v=NEXT     ^=YES
```

2 Press **SEARCH** ▽ (NEXT key) 6 times until "TALK SWITCHING?" is displayed.

```
TALK SWITCHING?
v=NEXT     ^=YES
```

3 Press **SEARCH** △ (YES key).

```
AUTO TALK
v=ON       ^=OFF
```

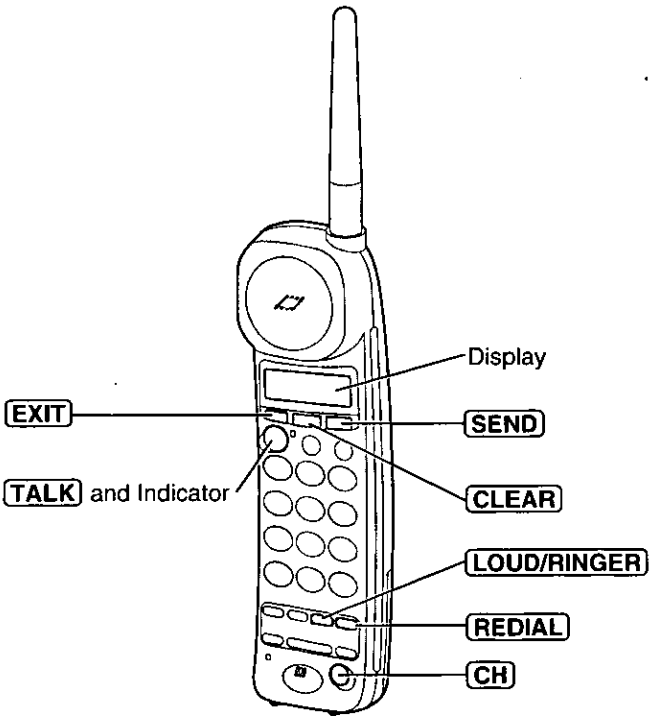
4 To select ON, press **SEARCH** ▽.
OR
To select OFF, press **SEARCH** △.
- The selected mode is displayed.
- The handset will return to stand-by mode.

```
AUTO TALK
              ON
```

```
AUTO TALK
             OFF
```

- To cancel programming changes, press [EXIT] before step 4.
- In order to view Caller ID information before answering a call, leave the Auto Talk feature OFF.

Making Calls



1 Press TALK.

- The TALK indicator lights.
- The selected channel number is displayed.

```
TALK
              CH12
```

2 Dial a phone number.

- The dialed number is displayed.
- After a few seconds, the display will show the length of the call.

```
1112222
              CH12
```

```
1112222
00-00-00   [■■■]
```

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

- The TALK indicator light goes out.

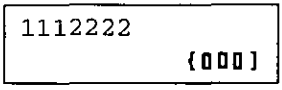
To redial the last number dialed

Press TALK ➡ REDIAL.

To dial after confirming the entered number

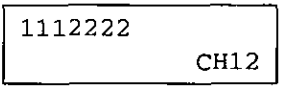
1 Enter a phone number.

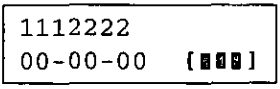
- If you misdial, press [CLEAR]. Digits are erased from the right.
- To cancel, press [EXIT].



2 Press [SEND].

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





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

To redial after confirming the last number dialed

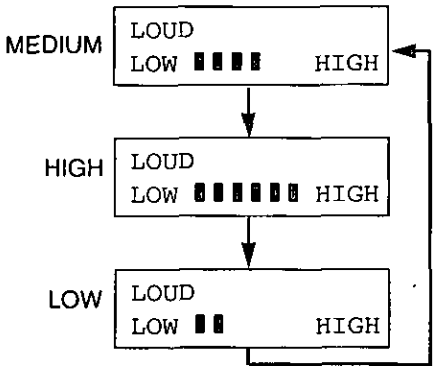
Press [REDIAL] ➡ [SEND].

- If "OUT OF RANGE" is displayed and an alarm tone sounds after pressing [TALK] or [SEND] when making a call, move closer to the base unit or place the handset on the base unit. Then try again.

To select the receiver volume while talking

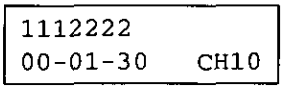
Press [LOUD/RINGER].

- Each time you press the button, the volume level will change from MEDIUM (preset) to HIGH to LOW.
- After a few seconds, the display will return to the length of the call.



If noise interferes with the conversation

Press [CH] to select a clearer channel or move closer to the base unit.



- The selected channel number is displayed.

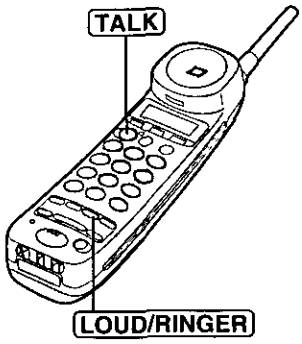
Answering Calls

If you subscribe to a Caller ID service, the calling party information will be displayed after the first ring (p. 20). Please wait until the second ring to answer a call in order to view Caller ID information.

1 Press TALK.

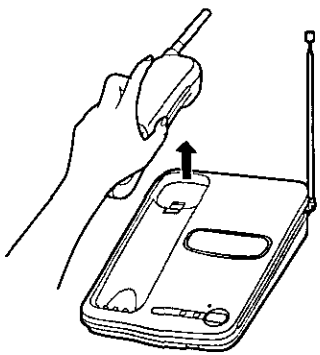
- You can also answer a call by pressing any dialing button 0 to 9, ✳, or # (— **Any Key Talk**).

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



Auto Talk

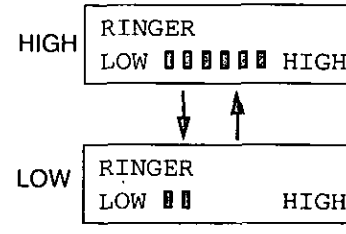
If you set the Auto Talk feature to ON (p. 15), you can answer a call by lifting the handset off the base unit without pressing TALK.



Adjusting the handset ringer volume

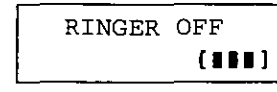
The TALK indicator light must be off.

- **To select HIGH (preset) or LOW,** press [LOUD/RINGER] briefly. (Each time you press the button briefly, the selected volume rings and the ringer volume will change.)



- **To turn the ringer OFF,** press and hold [LOUD/RINGER] until 2 beeps sound.

  "RINGER OFF" will be displayed for about 40 seconds before the handset returns to stand-by mode.



- **To turn the ringer ON,** press [LOUD/RINGER] briefly. The ringer sounds at the HIGH level.

Lighted keypad

The dialing buttons will light while dialing and flash when a call is received. The lights will go out about 10 seconds after dialing or answering a call.

Lighted display

The lighted display will stay on for about 10 seconds after pressing a handset button or answering a call.

Caller ID Service

This unit is compatible with a Caller ID service offered by your telephone company.
After you subscribe to a Caller ID service, the calling party information will be displayed after the first ring.

The unit records information of up to 30 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 oldest call.

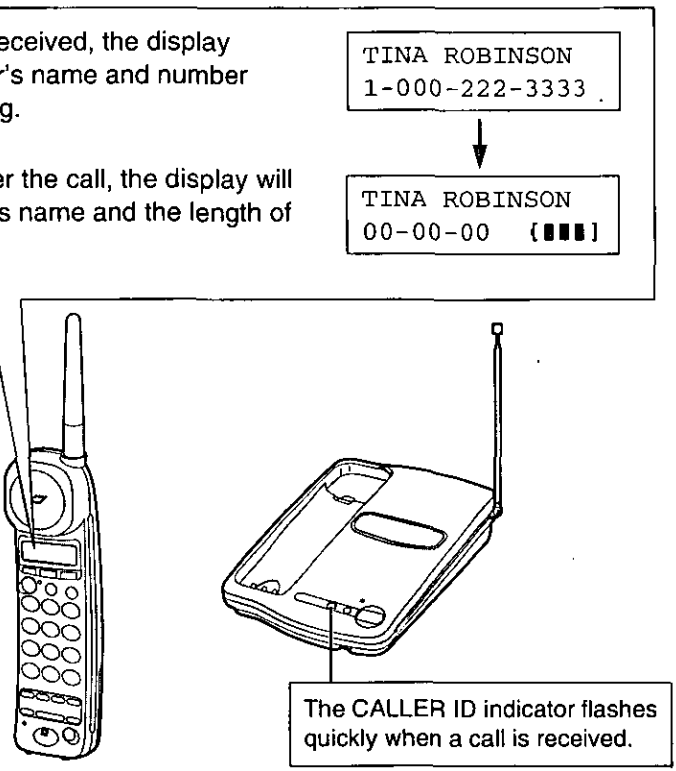
Using the list, you can automatically call back a caller. You can store the caller's numbers from the Caller List into the directory.

If you subscribe to a Visual Call Waiting (Call Waiting ID) service, when a second call is received, the new caller's name and phone number will be displayed (p. 38).

How caller information is displayed when a call is received

When a call is received, the display shows the caller's name and number after the first ring.

After you answer the call, the display will show the caller's name and the length of the call.



- In some cases, caller information cannot be displayed. The display will show as follows.

The caller dialed from an area which does not provide a Caller ID service.

```
OUT OF AREA
```

The caller has requested not to display their information.

```
PRIVATE CALLER
```

- When the unit is connected to a PBX system, you cannot receive caller information.
- In some calling areas, the name display service may not be available. For further information, please contact your telephone company.

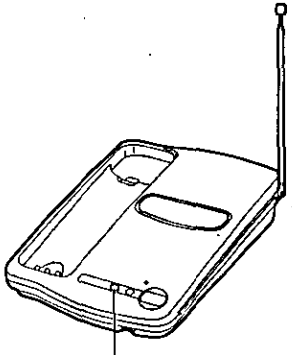
To check the number of new calls

While the handset is on the base unit:
Lift the handset.
OR
While the handset is off the base unit:
Press **SEARCH** ▽ or △ to turn the display on.

For example, if you have received 10 new calls, the display will show the following.

```
10 NEW CALLS
∨=NEW      ∧=OLD
```

- After about 10 seconds, the display will change to stand-by mode when lifting the handset off the base unit.



The CALLER ID indicator flashes slowly when new calls have been received.

Using the Caller List

Viewing the Caller List

To confirm who has called you, follow the steps below.

The TALK indicator light must be off.

1 Lift the handset off the base unit.
OR
When the handset is off the base unit, press **SEARCH** ▽ or △ to enter the list.

- The display will show the following.

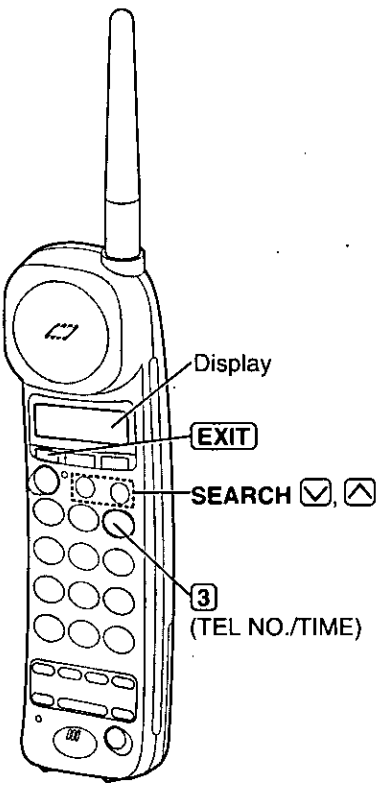
```
 1 NEW CALL
v=NEW      ^=OLD
```

2 To search from the most recent to oldest call, press **SEARCH** ▽ (NEW key).
To search from the oldest to most recent call, press **SEARCH** △ (OLD key).

- To move between callers, press **SEARCH** ▽ or △.
- To alternate the display between the number and time/date information, press 3 (TEL NO./TIME).

3 To exit the list, press EXIT.

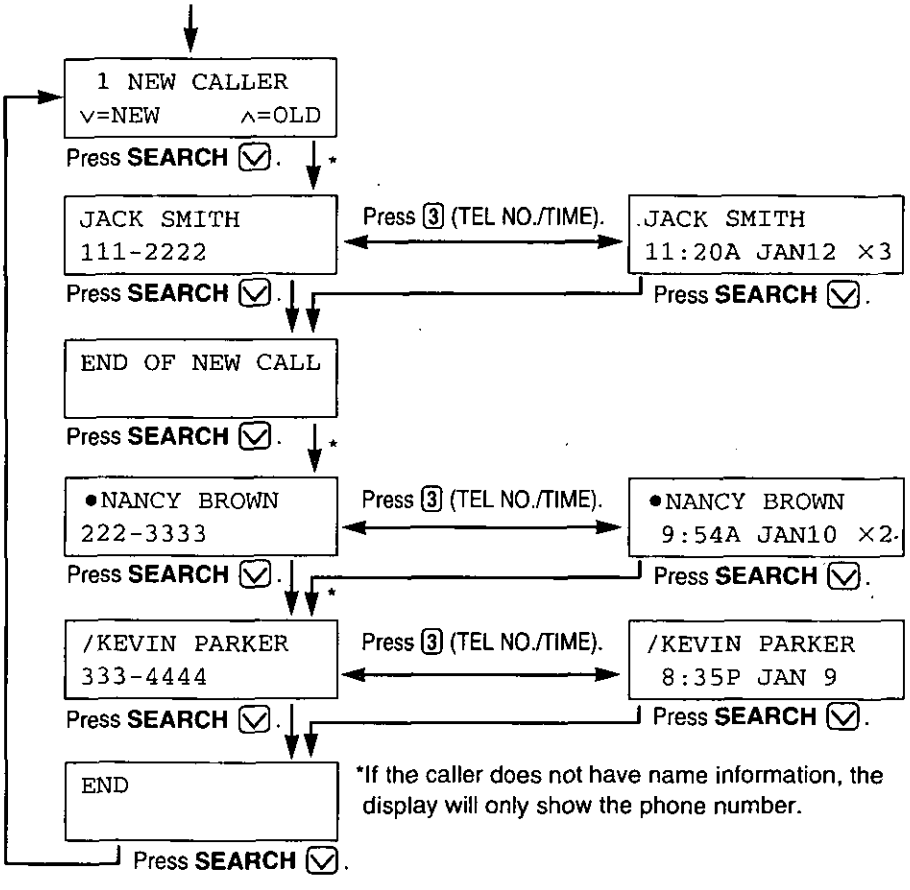
- The handset will return to stand-by mode.



- Once NEW calls have been checked, they will be listed as OLD. The number of NEW calls will be displayed as "0 NEW CALL" after all of the NEW calls have been checked.
- When you answer a call or call back, the caller information will be listed as OLD.
- If "NO CALLERS" is displayed in step 1, the Caller List is empty. Press EXIT to exit the list.
- If more than one call is received from the same caller, the date and time of the last call will be recorded. Also, the OLD call entry will be deleted when the same caller calls again.

Ex. When you search from the most recent call:

Lift the handset off the base unit.
OR
When the handset is off the base unit, press **SEARCH** ▽.



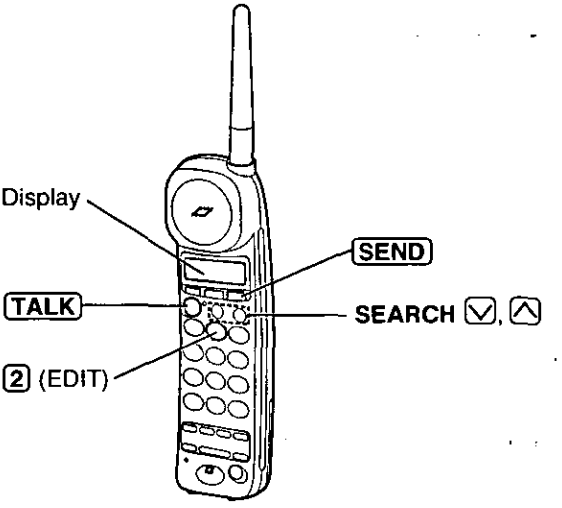
*If the caller does not have name information, the display will only show the phone number.

To exit the Caller List, press [EXIT].
• The handset will return to stand-by mode.

Display Symbols

•	: You have viewed this caller information at least once or answered the call.
/	: You have called back the caller.
×2-×9	: The number of times they called (up to 9).

Calling Back from the Caller List



1 Lift the handset off the base unit.
OR
When the handset is off the base unit, press **SEARCH** ▽ or △ to enter the list.

```
 3 NEW CALLS
v=NEW      ^=OLD
```

2 Press **SEARCH** ▽ or △ repeatedly to find the desired caller.

```
CINDY TURNER
1-234-456-7890
```

3 Press SEND.

- The unit connects to the telephone line and automatically dials the displayed phone number.

```
1-234-456-7890
          CH12
```

```
1-234-456-7890
00-00-07  [■■■]
```

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

- In some cases, you may have to edit the number before dialing (p. 25). (Ex. You may have to add "1" for long distance calls.)
  If you did not store your area code (p. 14), the edited number will not be saved in the Caller List.
- If a phone number is not displayed in the caller information, you cannot call back that caller.

Editing the Caller's Phone Number

The unit can edit a phone number into one of 4 patterns.

The TALK indicator light must be off.

1 Lift the handset off the base unit.
OR
When the handset is off the base unit, press **SEARCH** ▽ or △ to enter the list.

```
 5 NEW CALLS
v=NEW      ^=OLD
```

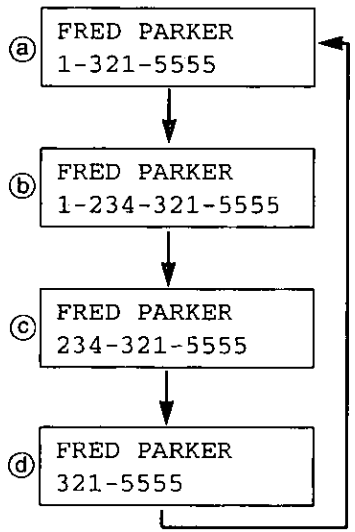
2 Press **SEARCH** ▽ or △ repeatedly to find the desired caller.

```
FRED PARKER
321-5555
```

3 Press [2] (EDIT) to select a pattern. Each time you press [2] (EDIT), the number is rearranged into one of 4 different patterns.

ⓐ 1 – [Phone no.]
ⓑ 1 – [Area code] – [Phone no.]
ⓒ [Area code] – [Phone no.]
ⓓ [Phone no.]

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



4 After you edit the number into the desired pattern, you can continue with calling back or storing procedures.
To call back, press [SEND] (p. 24).
To store the number in the directory, press [PROGRAM], then follow the instructions on the display (see page 26, from step 3).

Storing the Caller List Information in the Directory

You can store names and numbers that are in the Caller List into the directory.

The TALK indicator light must be off before programming.

1 Lift the handset off the base unit.
OR
When the handset is off the base unit, press **SEARCH** ▽ or △ to enter the list.

```
10 NEW CALLS
v=NEW      ^=OLD
```

2 Press **SEARCH** ▽ or △ repeatedly to find the caller you want to store in the directory.

- If the number requires editing, see page 25.

```
CINDY TURNER
1-234-456-7890
```

3 Press **PROGRAM**.

```
SAVE DIRECTORY?
v=NO       ^=YES
```

4 Press **SEARCH** △ (YES key).

- Programming is completed and the display shows "SAVED OK".

```
   SAVING...
```

If the caller information you want to store does not have name information, just follow the instructions on the display.

a) If you do not want to enter a name, press **SEARCH** ▽ (NO key).

```
SAVE  NAME ?
v=NO       ^=YES
```

b) If you want to enter a name, press **SEARCH** △ (YES key). Then enter the name (p. 32). When finished, press **PROGRAM** (SAVE key).

```
ENTER NAME
```

- If the display shows "MEMORY IS FULL" in step 3, press **EXIT**. To erase other stored items from the directory, see page 37.
- If the display shows "SAVE ERROR", move closer to the base unit and try again. If "SAVE ERROR" still remains, place the handset on the base unit. Restart from step 1.
- You cannot store caller information in the directory when a phone number is not displayed.

Erasing the Caller List Information

You can erase some or all of the entries in the Caller List.

The TALK indicator light must be off.

To erase a specific caller from the Caller List

1 Lift the handset off the base unit.
OR
When the handset is off the base unit, press **SEARCH** ▽ or △ to enter the list.

```
10 NEW CALLS
v=NEW      ^=OLD
```

2 Press **SEARCH** ▽ or △ repeatedly to find the caller you want to erase from the Caller List.

```
TOM REAGAN
444-5555
```

3 Press [CLEAR].
- The information is erased.
- In a few seconds, the display will show the previous caller information.

```
CLEAR
```

To erase all of the entries in the Caller List

1 Lift the handset off the base unit.
OR
When the handset is off the base unit, press **SEARCH** ▽ or △ to enter the list.

```
 0 NEW CALL
v=NEW      ^=OLD
```

2 Press [CLEAR].

```
PRESS CLEAR FOR
ALL CLEAR
```

3 Press [CLEAR] again.
- All of the entries are erased.
- The handset will return to stand-by mode.

```
ALL CLEAR
```

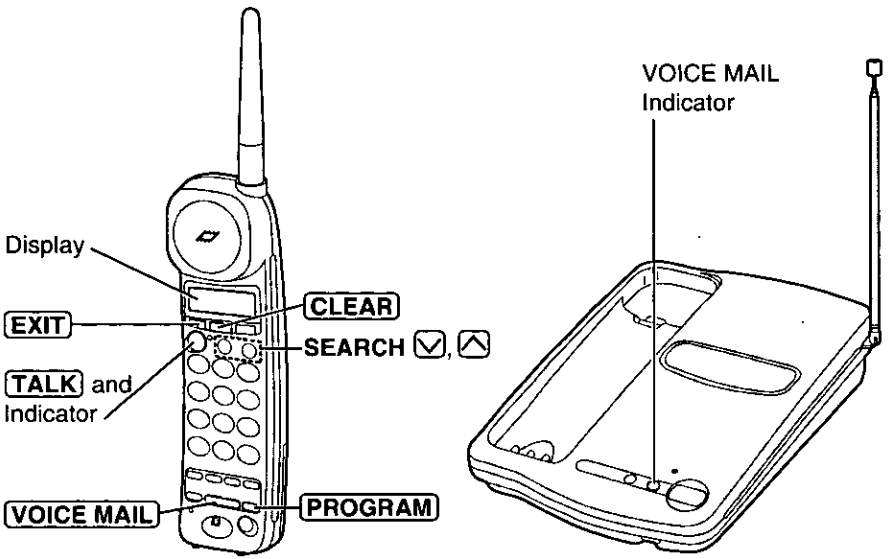
- You can also erase all of the entries by setting the display to "END OF NEW CALL" or "END" using **SEARCH** ▽ or △ in step 1.

Voice Mail Service

Voice mail service is an electronic on-line answering system offered by your telephone company. After you subscribe, the voice mail system can answer calls automatically when your line is busy or if calls are not answered. Callers can leave messages by following the pre-recorded instructions. When voice mail messages are recorded, the VOICE MAIL button on the handset and the VOICE MAIL indicator on the base unit will flash. You can access the voice mail system quickly by pressing VOICE MAIL on the handset.

To use the VOICE MAIL button, you must store your access phone number first **using the handset close to the base unit.**

The TALK indicator light must be off before programming.



To store an access number in your voice mail

1 Press PROGRAM.
- The TALK indicator flashes.

```
SAVE DIRECTORY?
∨=NEXT    ∧=YES
```

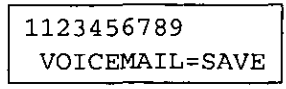
2 Press **SEARCH** ▽ (NEXT key) 3 times until "SAVE MAILBOX# ?" is displayed.

```
SAVE MAILBOX# ?
∨=NEXT    ∧=YES
```

3 Press **SEARCH** △ (YES key).

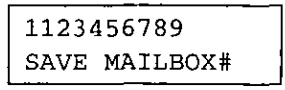
```
ENTER MAILBOX#
```

4 Enter your access phone number up to 30 digits.



- If you misdial, press [CLEAR]. Digits are erased from the right.

5 Press [VOICE MAIL] (SAVE key).



- A confirmation tone sounds (p. 13).
- The stored number is displayed.
- The handset will return to stand-by mode.

- To cancel programming changes, press [EXIT] before step 5.
- If the display shows "SAVE ERROR", move closer to the base unit and try again. If "SAVE ERROR" is still displayed, place the handset on the base unit. Restart from step 1.

To listen to voice mail message(s)

Up to 4 minutes after receiving a voice mail message, the [VOICE MAIL] button on the handset and the VOICE MAIL indicator on the base unit will flash. To listen to your voice mail from the handset, perform the following steps.

1 Press [VOICE MAIL].

- The unit connects to the telephone line and automatically dials the number.

2 Follow the pre-recorded instructions.

3 When finished, press [TALK].

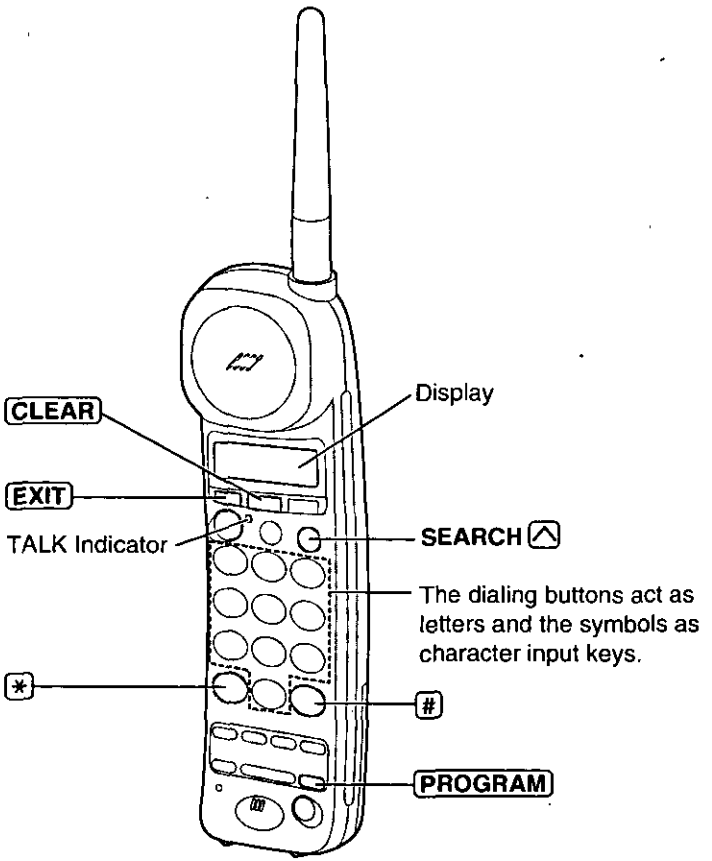
- When the [VOICE MAIL] button on the handset and/or the VOICE MAIL indicator on the base unit still flash even if you have listened to your voice mail message(s), press [PROGRAM] then press and hold [VOICE MAIL] on the handset until the unit beeps. The button and/or indicator will return off.
- Your voice mail service will send a voice mail tone after a new message has finished recording. You will hear the tone after pressing [TALK]. If the message is over 3 minutes, the [VOICE MAIL] button on the handset and the VOICE MAIL indicator on the base unit may not flash.
- The voice mail tone and message can be heard and retrieved from any parallel connected phone. If you use another phone, you have to dial your access number manually.

Using the Directory

You can store up to 30 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 display. If you do not enter a name, the item is sorted by number.

Storing Names and Numbers in the Directory

The TALK indicator light must be off before programming.

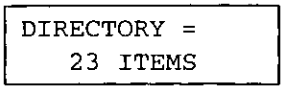


1 Press **PROGRAM**.

- The TALK indicator flashes.

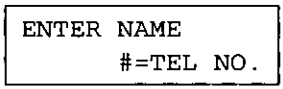
2 Press **SEARCH** ^ (YES key).

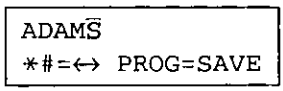
- The display shows the number of stored items in the directory.



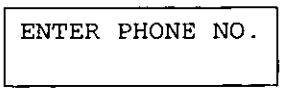
3 Enter a name up to 15 characters with the dialing buttons, * (←) or # (→).

- See the steps for entering names and symbols (p. 32).
- To skip entering the name, press # (TEL NO. key), then go to step 5.



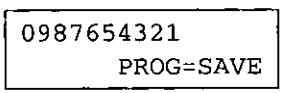


4 When finished, press **PROGRAM** (SAVE key).



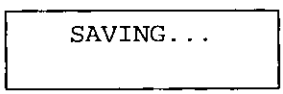
5 Enter a phone number up to 16 digits.

- If you misdial, press **CLEAR**. Digits are erased from the right.



6 When finished, press **PROGRAM** (SAVE key).

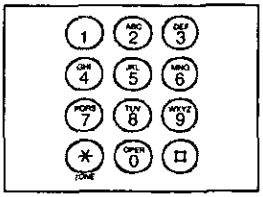
- A confirmation tone sounds (p. 13).
- The item is saved and the display shows "SAVED OK".
- The handset will return to stand-by mode.



- To cancel programming changes, press **EXIT** before step 6.
- If the display shows "MEMORY IS FULL" in step 2, press # (CLEAR key) to erase other stored items from the directory (see page 37, from step 3).
- If the display shows "SAVE ERROR", move closer to the base unit and try again. If "SAVE ERROR" is still displayed, place the handset on the base unit. Restart from step 1.

Steps for Entering Names and Symbols

The dialing buttons can be used as letters and symbols as character input keys. Pressing each button selects a character as shown below.



	Number of pressing times										
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									
[*]	To move the cursor □ to the left.										
[#]	To move the cursor □ to the right.										

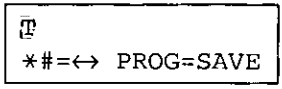
If you make a mistake while entering a name

Use [*] (←) or [#] (→) to move the cursor to the incorrect character, then make the correction.
You can delete one character by pressing [CLEAR].

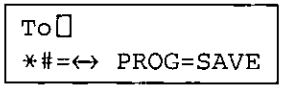
For example, to enter "Tom Jones":

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

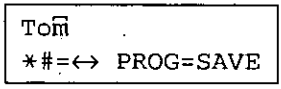
1 Press [8].



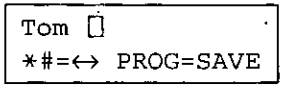
2 Press [6] six times, then press [#] (→) to move the cursor to the right.



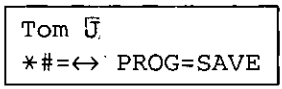
3 Press [6] four times.



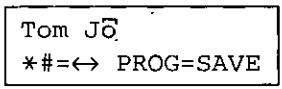
4 Press [#] (→) twice to enter a blank.



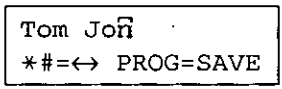
5 Press [5].



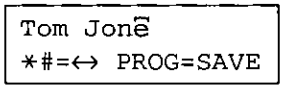
6 Press [6] six times, then press [#] (→) to move the cursor to the right.



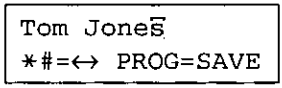
7 Press [6] five times.



8 Press [3] five times.



9 Press [7] eight times.



Finding Items in the Directory

1 Press DIRECTORY.

- The display will show the following.

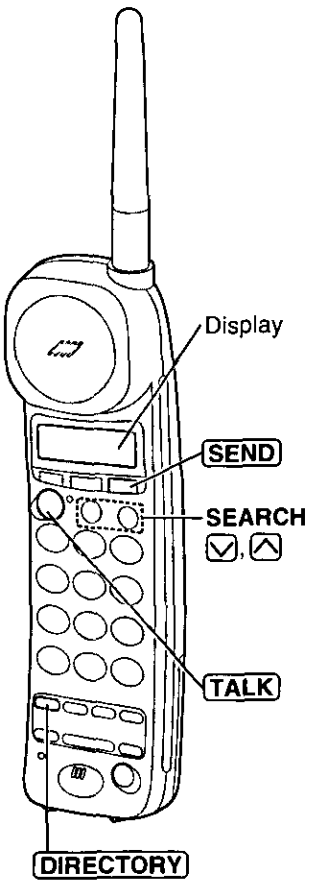
```
SELECT LETTER
ON DIAL PAD
```

2 Press the dialing button of the first letter of the desired name repeatedly (see the Index table on page 35).

Ex. To find "Frank", press 3 repeatedly until the first item under "F" is displayed.

3 Press **SEARCH** ▽ or △ to move between items.

4 To leave the directory at any time, press DIRECTORY.

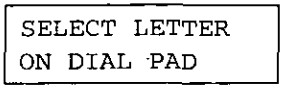


- In step 2, you can also use **SEARCH** ▽ or △ to find items in the directory.
- All directory items are sorted by the first word in alphabetical order. Items without name information are sorted by the first digit from 0 to 9.

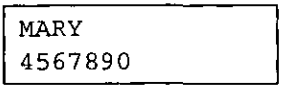
Keys	Index	Keys	Index
1	Other symbols, 1	6	M, N, O, 6
2	A, B, C, 2	7	P, Q, R, S, 7
3	D, E, F, 3	8	T, U, V, 8
4	G, H, I, 4	9	W, X, Y, Z, 9
5	J, K, L, 5	0	0

Dialing from the Directory

1 Press DIRECTORY.

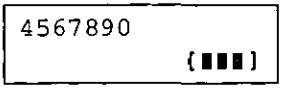


2 Find the directory item that you want to dial (p. 34).



3 Press SEND.

- The unit connects to the telephone line and automatically dials the number.



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

- During a call, you can repeat steps 1 to 3 to dial another number. This is convenient when you make a long distance call, access an answering service, etc.

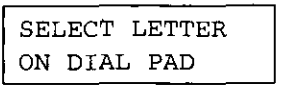
Changing an Item in the Directory

The TALK indicator light must be off before programming.

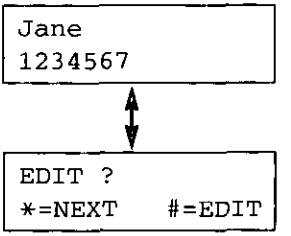
1 Press **PROGRAM**.
- The TALK indicator flashes.

2 Press **SEARCH** ▽ (NEXT key) once. Be sure "EDIT DIRECTORY?" is displayed.

3 Press **SEARCH** △ (YES key).



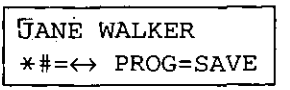
4 Find the directory item you want to change (p. 34).
- The display alternates between the desired item and "EDIT ?" every few seconds.



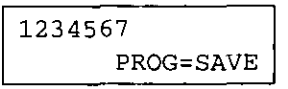
5 Press # (EDIT key).

a) If you need to change the name, Use the dialing buttons, * (←) or # (→) (p. 32) up to 15 characters.

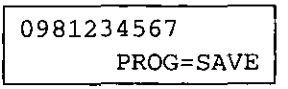
b) If you do not need to change the name, go to step 6.



6 When finished, press **PROGRAM** (SAVE key).



7 Enter the new number up to 16 digits.
- If you misdial, press **CLEAR**. Digits are erased from the right.
- If you do not need to change the number, press **PROGRAM** (SAVE key) and programming is completed. The display shows "SAVED OK".



8 When finished, press **PROGRAM** (SAVE key).

- The changed item is saved and the display shows "SAVED OK".

SAVING...

- To cancel programming changes, press **EXIT** before step 8.
- If the display shows "SAVE ERROR", move closer to the base unit and try again. If "SAVE ERROR" is still displayed, place the handset on the base unit. Restart from step 1.

Erasing an Item from the Directory

The TALK indicator light must be off before programming.

1 Press **PROGRAM**.

- The TALK indicator flashes.

SAVE DIRECTORY?
v=NEXT ^=YES

2 Press **SEARCH** ▽ (NEXT key) twice until "CLR. DIRECTORY?" is displayed.

CLR. DIRECTORY?
v=NEXT ^=YES

3 Press **SEARCH** △ (YES key).

SELECT LETTER
ON DIAL PAD

4 Find the directory item you want to erase (p. 34).
Ex. To erase "Helen"

- The display alternates between the desired item and "CLEAR ITEM ?" every few seconds.

Helen
1234567890

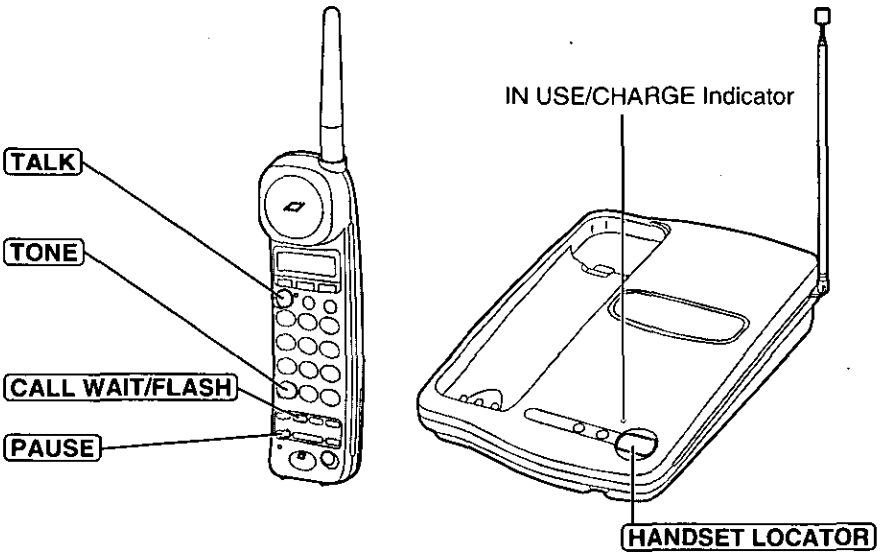
CLEAR ITEM ?
*=NEXT #=CLEAR

5 Press # (CLEAR key).

- The item is erased and the display shows "CLEAR".

CLEAR

- To cancel programming changes, press **EXIT** before step 5.



For Call Waiting Service Users

Press CALL WAIT/FLASH 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 CALL WAIT/FLASH again.

Visual Call Waiting (Call Waiting ID) Service

Visual Call Waiting (Call Waiting ID) Service allows your handset to display the second caller's information. After you hear a call-waiting tone while talking, the handset will display the caller's name with the phone number and "----WAITING----" alternately.

- The second caller's information will not be displayed when a standard telephone on the same line is in use.
- Please contact your telephone company for details and availability in your area.

Handset Locator

From the base unit, you can locate the handset or page a person at the handset with beep tones.

1. Press [HANDSET LOCATOR].
   - The IN USE/CHARGE indicator flashes. The handset beeps for 1 minute and "PAGING" is displayed.
2. To stop paging, press [HANDSET LOCATOR] again or press [TALK] twice on the handset.

Automatic Security Code Setting

Whenever you place the handset on the base unit, the unit automatically selects one of 65,000 security codes. These codes help prevent the unauthorized use of your telephone line by another cordless telephone.

Temporary Tone Dialing
(For Rotary or Pulse Service Users)

Press [TONE] before entering access numbers which require tone dialing.

- The dialing mode changes to tone. You can enter numbers to access an answering service, electronic banking services, etc. When you hang up, the mode will return to pulse.

If Your Unit is Connected to a PBX
(Analog Only)

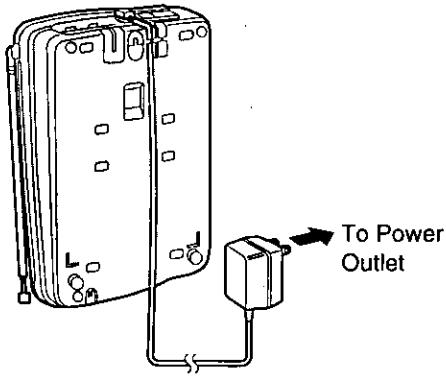
We recommend you press [PAUSE] between the access number for an outside line and the phone number.

- Pressing [PAUSE] once creates a 3.5 second pause.
  This prevents misdialing when you redial or dial a stored number.
  ([PAUSE] counts as one digit.)

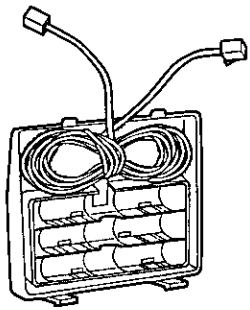
Wall Mounting

This unit can be mounted on a wall phone plate.

1 Connect the AC adaptor.



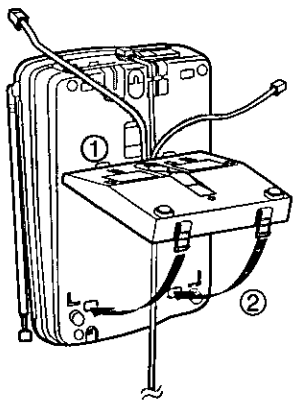
2 Tuck the telephone line cord inside the wall mounting adaptor.



3 ① Insert the tabs of the wall mounting adaptor into the "WALL" unit openings.

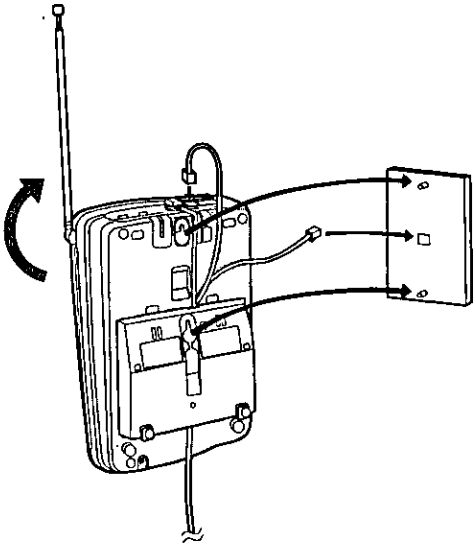
② Push the adaptor in the direction of the arrow.

- "UP WALL" should face upward.

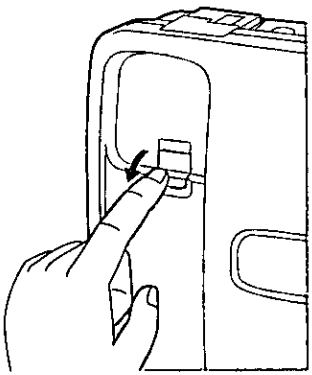


4 Connect the telephone line cord. Mount the unit, then slide down.

- Extend the antenna fully.

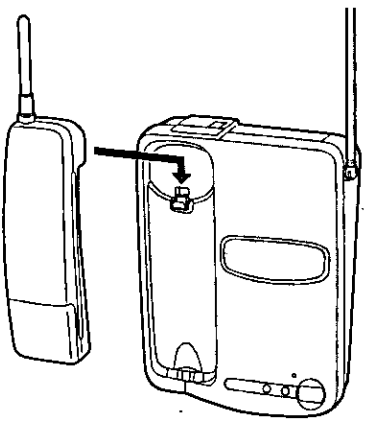


5 Pull down the handset hook until it locks, **so the tab holds the handset.**



6 **To charge the battery:** Place the handset on the handset hook as shown.

- The IN USE/CHARGE indicator lights.



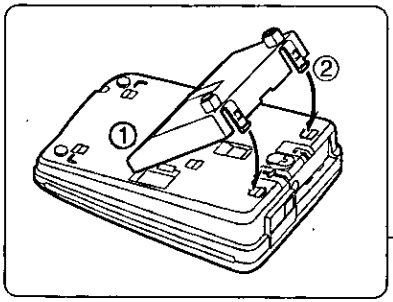
Convenient Desk Usage

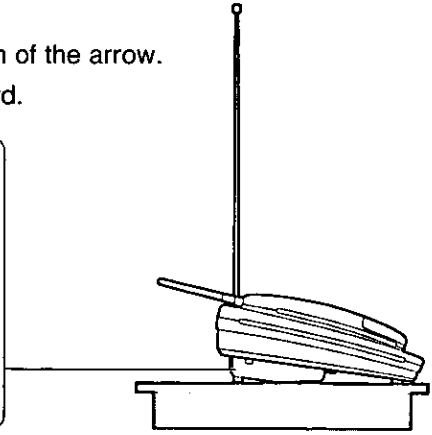
The wall mounting adaptor can also be used to raise the unit at an angle.

① Insert the tabs of the wall mounting adaptor into the "DESK" unit openings.

② Push the adaptor in the direction of the arrow.

- "UP DESK" should face upward.

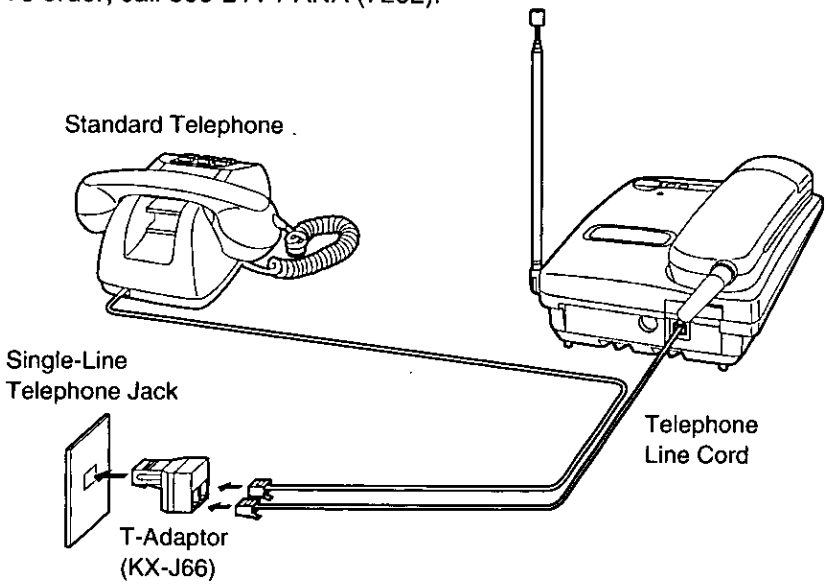




- It is not necessary to pull down the handset hook (p. 7).

Adding Another Phone

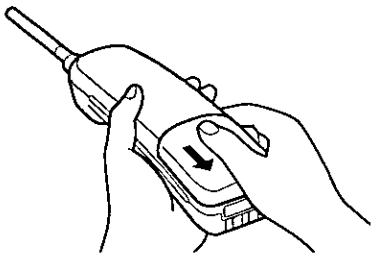
This unit will not function during a power failure. To connect a standard telephone on the same line, use a Panasonic T-adaptor KX-J66.
To order, call 800-211-PANA (7262).



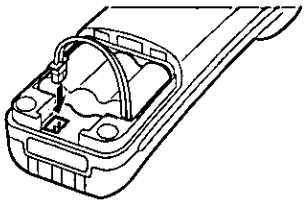
Battery Replacement

If the BATT LOW indicator flashes after being fully charged, replace the battery with a new Panasonic P-P301(KX-A36A) battery. To order, call 800-211-PANA (7262). To prevent memory loss, replace within 5 minutes.

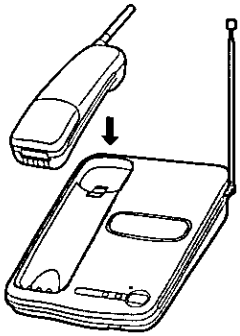
1 Remove the cover by sliding it while pressing the arrow.



2 Replace the battery, then close the cover.



3 Be sure to charge the new battery for about 3 hours.



Attention:

The product you have purchased is powered by a nickel cadmium battery which is recyclable. At the end of its useful life, under various state and local laws, it is illegal to dispose of this battery into your municipal waste stream. Please call 1-800-8-BATTERY for information on how to recycle this battery.

R B R C

Ni-Cd

Before Requesting Help

Problem	Remedy
"OUT OF RANGE" is displayed and an alarm tone sounds when you press [TALK].	• 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. • Extend the base unit antenna fully.
The unit does not work.	• Check the settings (p. 10-15). • Charge the battery fully (p. 11). • Clean the charge contacts and charge again (p. 12). • Place the handset on the base unit and unplug the AC adaptor to reset. Plug in, then try again. • Re-insert the handset battery within 5 minutes to avoid memory loss and place the handset on the base unit. Then try again.
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. • Extend the base unit antenna fully. • Press [CH] to select a clearer channel.
The handset does not ring.	• The ringer volume is set to OFF. Press [LOUD/RINGER] briefly while the TALK indicator light is off (p. 19).
The handset display is blank.	• The handset is in stand-by mode (p. 12). Press **SEARCH** ▽ or △ to turn the display on.
The handset display is still blank after pressing **SEARCH** ▽ or △.	• Charge the battery fully (p. 11).

Problem	Remedy
You cannot program items, such as the dialing mode.	• Programming is not available while the unit is in talk mode, or when viewing the Caller List/directory items. • Do not pause for over 60 seconds while storing.
You cannot store a name and phone number in the directory.	• You cannot store a name and number while the unit is in talk mode. • 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. Start from the beginning after hanging up.
The unit does not display the name and/or phone number of callers.	• Other telephone equipment may be interfering with your phone. Disconnect them 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.
The handset display goes blank while viewing the Caller List/directory items.	• Do not pause for over 60 seconds while searching.
HANDSET LOCATOR 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 items. Wait until the IN USE/CHARGE indicator light goes out.

Problem	Remedy
The BATT LOW indicator flashes or the unit beeps intermittently.	• Charge the battery fully (p. 11).
You charged the battery fully, but the BATT LOW indicator flashes.	• Clean the charge contacts and charge again (p. 12). • Replace the battery. Please purchase a new battery (p. 43).
The IN USE/CHARGE indicator light never goes out while charging.	• This is normal.
If you cannot solve your problem.	• Call our customer call center at 800-211-PANA (7262).

Important Safety Instructions

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

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

SAVE THESE INSTRUCTIONS

Important Safety Instructions

CAUTION:

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

1. Use only the battery(ies) specified.
2. Do not dispose of the battery(ies) in a fire. They may explode. Check with local waste management codes for special disposal instructions.
3. Do not open or mutilate the battery(ies). Released electrolyte is corrosive and may cause burns or injury to the eyes or skin. The electrolyte may be toxic if swallowed.
4. Exercise care in handling batteries in order not to short the battery to conductive materials such as rings, bracelets, and keys. The battery and/or conductor may overheat and cause burns.
5. Charge the battery(ies) provided with or identified for use with this product only in accordance with the instructions and limitations specified in this manual.

WARNING:

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

If requested by the telephone company, inform them as follows:
FCC Registration No. .....(found on the bottom of the unit)
Ringer Equivalence 0.2B
The particular telephone line to which the equipment is connected.

This unit must not be connected to a coin operated line.
If you are on a party line, check with your local telephone company.

Ringer Equivalence No. (REN):
The REN is useful in determining the quantity of devices you may connect to your telephone line and still have all of those devices ring when your telephone number is called. In most, but not all areas, the sum of the REN's of all devices connected to one line should not exceed five (5.0). To be certain of the number of devices you may connect to your line, as determined by the REN, you should contact your local telephone company to determine the maximum REN for your calling area.

In the event terminal equipment causes harm to the telephone network, the telephone company should notify the customer, if possible, that service may be stopped.

However, where prior notice is impractical, the company may temporarily cease service providing that they:

(a) Promptly notify the customer.
(b) Give the customer an opportunity to correct the problem with their equipment.
(c) Inform the customer of the right to bring a complaint to the Federal Communication Commission pursuant to procedures set out in FCC Rules and Regulations Subpart E of Part 68.

The Telephone Company may make changes in its communications facilities, equipment, operations or procedures, where such action is reasonably required in the operation of its business and is not inconsistent with the rules and regulations in FCC Part 68.

If such changes can be reasonably expected to render any customer terminal equipment incompatible with telephone company communications facilities, or require modification or alteration of such terminal equipment, or otherwise materially affect its use or performance, the customer shall be given adequate notice in writing, to allow the customer an opportunity to maintain uninterrupted service.

When programming emergency numbers and/or making test calls to emergency numbers:

1. Remain on the line and briefly explain to the dispatcher the reason for the call before hanging up.
2. Perform such activities in the off-peak hours, such as early morning hours or late evenings.

Important Safety Instructions

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

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

CAUTION:
Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this device.

Note:
This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:
— Reorient or relocate the receiving antenna.
— Increase the separation between the equipment and receiver.
— Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
— Consult the dealer or an experienced radio/TV technician for help.

Some cordless telephones operate at frequencies that may cause interference to nearby TVs and VCRs. To minimize or prevent such interference, the base of the cordless telephone should not be placed near or on top of a TV or VCR. If interference is experienced, move the cordless telephone further away from the TV or VCR. This will often reduce or eliminate interference.

- **Environment** — do not place the unit in room where the temperature is less than 5°C (41°F) or greater than 40°C (104°F). Allow 10 cm (4") clearance around the unit for proper ventilation. Avoid excessive smoke, dust, mechanical vibration, shock, or direct sunlight.
- **Routine care** — wipe the unit with a soft cloth. Do not use benzine, thinner, or any abrasive powder. When you leave the unit unused for a long period of time, unplug the AC adaptor from the outlet.
- **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, have your unit repaired by one of the authorized Panasonic Factory Service Centers. If the known working phone does not operate properly, consult with your telephone company.

For product service

- Panasonic Servicenters are listed in the servicenter directory.
- Call 800-211-PANA (7262) for the location of an authorized servicenter.

When you ship the product

- Carefully pack your unit, preferably in the original carton.
- Attach a letter, detailing the symptom, to the outside of the carton.

Symptom

- Send the unit to an authorized servicenter, prepaid and adequately insured.
- Do not send your unit to the Panasonic Consumer Electronics Company listed on the back cover or to executive or regional sales offices. These locations do not repair consumer products.

- This cordless telephone is designed for use in the United States of America. Sale or use of this product in other countries may violate local laws.
- Ce téléphone sans fil est conçu pour être utilisé aux États-Unis d'Amérique. La vente ou l'emploi de cet appareil dans certains autres pays peut constituer une infraction à la législation locale.
- Este teléfono sin cordón fue elaborado para uso en los Estados Unidos de América. La venta o el empleo de este producto en ciertos países puede constituir violación de la legislación local.
- このコードレス電話機は、日本国外での使用を目的として設計されており、日本国内での使用は法律違反となります。従って、当社では日本国内においては原則として修理などのサービスは致しかねます。

Panasonic Consumer Electronics Company,
Division of Matsushita Electric Corporation of America
One Panasonic Way, Secaucus, New Jersey 07094

Panasonic Sales Company,
Division of Matsushita Electric of Puerto Rico, Inc.
Ave. 65 de Infantería, Km. 9.5, San Gabriel Industrial Park
Carolina, Puerto Rico 00985

Printed in Malaysia **PQQX11825ZA-BM** SS1297MN0