

User Manual

DRAFT COPY OF THE INSTRUCTION MANUAL

SAME AS TRU241 (FCC ID: AMWUC702)

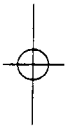


SANYO

INSTRUCTION MANUAL

CLT-2430

2.4-GHz
Digital Spread Spectrum
Cordless Telephone
with Call Manager Features



2.4GHz
DSS DIGITAL
SPREAD SPECTRUM

IMPORTANT

Charge the handset battery pack for a full 15 hours before using your cordless handset for the first time.



Caution:

Changes or modifications to this product not expressly approved by Sanyo, or operation of this product in any way other than as detailed by this Operating Guide, can void your authority to operate this product.

Introduction

Congratulations on your purchase of the CLT-2430 cordless telephone.

This phone is designed for reliability, long life, and outstanding performance utilizing the latest in 2.4 GHz Digital Spread Spectrum technology.

Note: Some illustrations in this manual may differ from the actual unit for explanation purposes.

Features

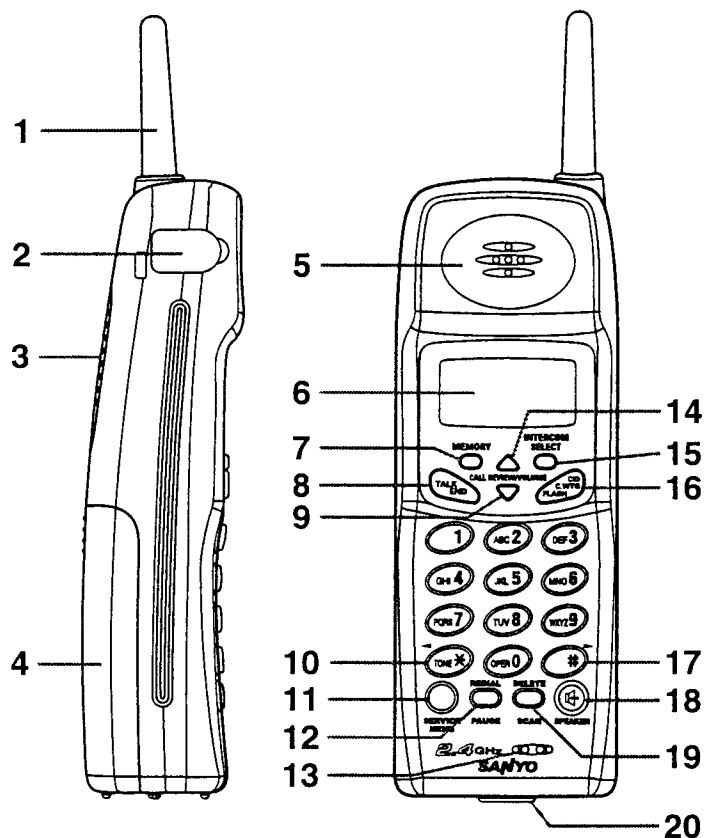
- 2.4 GHz Digital Spread Spectrum Technology
- Dual key pad
- Call Manager Features*: Caller ID, Caller ID on Call Waiting and Call Waiting Options
*Each feature works with your network service. A subscription required.
- 50-Number Caller ID List
- Programmable Network Service Key
- Voice Message Waiting Indicator (on Handset and Base)
- 3-Line, 16-Character Backlit Handset Display
- Lighted Handset Keypad and TALK/END Key
- 20-Name/Number Directory
- Last 3-Number Redial
- HandsFree Speakerphone in the Handset
- 7-Day Standby Battery Life/6-Hour Talk Time
- 30-Channel Auto/Manual Scan
- Call Time Display
- Pulse/Tone Dialing
- Intercom/Page/Handset Locator
- Handset Earpiece and Ringer Volume Control
- Belt Clip and Headset Jack
- Wall-Mountable
- Hearing Aid Compatible

2.4-GHz Digital Spread Spectrum Technology utilizes a "wider frequency band" vs. a "single narrow band" used in standard digital transmissions. The result is the clarity of digital sound, extended range and a secure conversation with virtually no interference from other 2.4 GHz cordless phones or radio transmission devices.

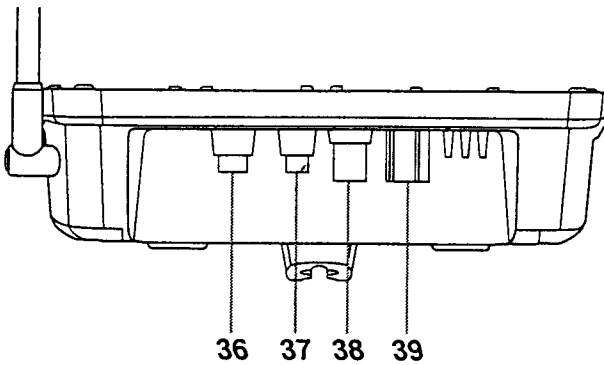
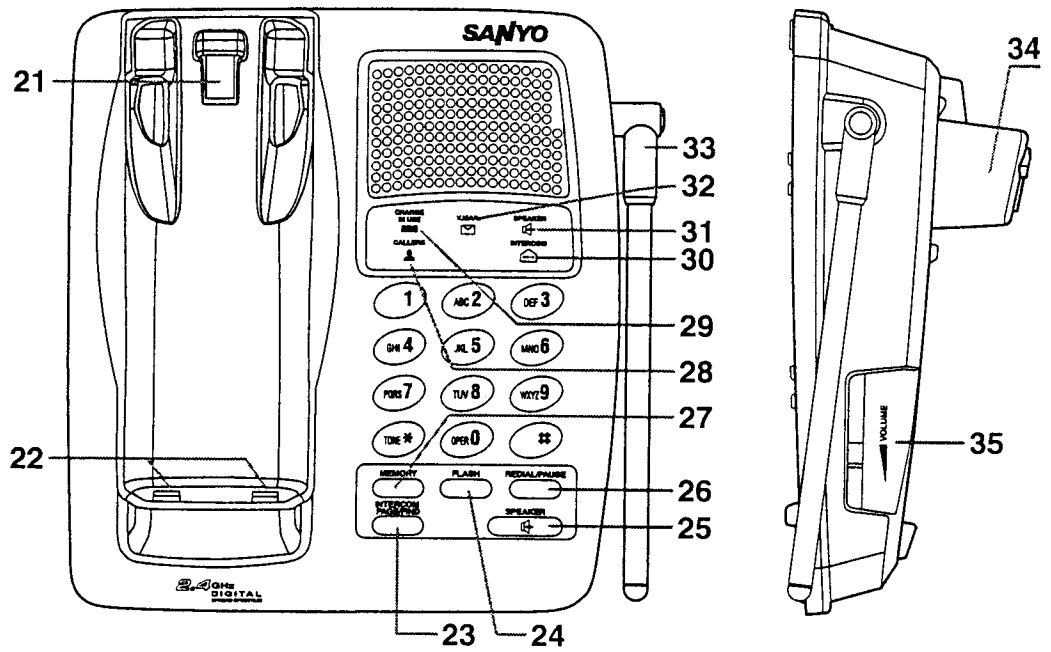
The clearest channel is automatically selected for each transmission. Digital security code selects one of over 65,000 codes for the handset and base.

These features enhance your phone's security and also prevent unauthorized calls as a result of your phone being activated by other equipment.

Controls and functions



- | | |
|-----------------------------------|---------------------------------|
| 1. Handset antenna | 12. REDIAL/PAUSE key |
| 2. Headset jack cover | 13. Microphone |
| 3. HandsFree speaker | 14. CALL REVIEW/VOLUME (up) key |
| 4. Battery compartment | 15. INTERCOM/SELECT key |
| 5. Earpiece speaker | 16. CID/FLASH key |
| 6. LCD display | 17. Right cursor key (# / ▶) |
| 7. MEMORY key | 18. SPEAKER key |
| 8. TALK/END key | 19. DELETE/SCAN key |
| 9. CALL REVIEW/VOLUME (down) key | 20. Handset charging contacts |
| 10. TONE/left cursor key (* / ◀) | |
| 11. SERVICE MENU key | |



- 36. Ring Volume switch
- 37. Pulse-Tone switch
- 38. DC power input
- 39. TEL LINE jack

- 21. Handset retainer clip
- 22. Base charging contacts
- 23. INTERCOM/PAGE/FIND key
- 24. FLASH key
- 25. SPEAKER key
- 26. REDIAL/PAUSE key
- 27. MEMORY key
- 28. CALLERS LED
- 29. CHARGE/IN USE LED
- 30. INTERCOM LED
- 31. SPEAKER LED
- 32. VOICE MAIL LED
- 33. Base antenna
- 34. Bottom bracket
- 35. VOLUME control key

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Getting Started

Basics

Directory

**Caller ID
Features**

**Advanced Calling
Features**

**Additional
Information**

GETTING STARTED

Read this first

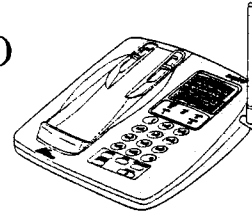
This cordless telephone must be set up before use. Follow these steps:

Step 1 (page E3)

Unpack and check the telephone and accessories.

Step 2 (page E4 to E8)

Choose the best location to set up the base unit.



Base unit

Step 3 (page E9 to E10)

Then, insert the battery pack into the handset. You must charge the battery pack for more than 15 hours before using the phone.



Handset

About the digital security code

This cordless telephone uses a digital security code to prevent unauthorized access to your base unit. This security code prevents other cordless handsets from making calls through your base unit.

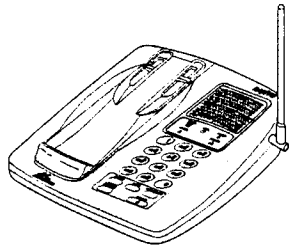
A random security code will be assigned automatically between your base unit and handset when you charge the battery pack for the first time.

If you want to reset the security code, see page E49.

GETTING STARTED

Checking the package contents

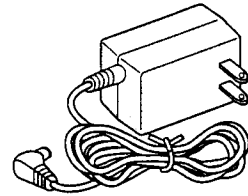
Make sure you have received the following items in the package.



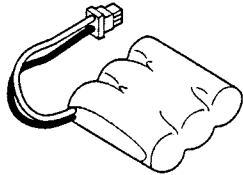
• Base unit



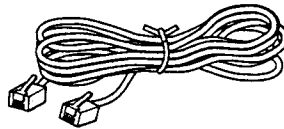
• Handset



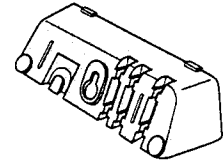
• AC adaptor
(AD-350)



• Rechargeable
battery pack
(3KR-600AAL)

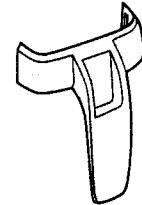


• Telephone line
cord (1)

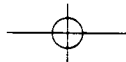


• Bottom bracket
for desktop use
and wall-mounting

• This Owner's Manual



• Beltclip



GETTING STARTED

Setting up the base unit

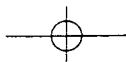
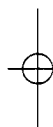
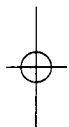
Avoid places near electrical equipment such as refrigerators, computers, TVs or fluorescent lamps. These may cause interference or reduce the operating range of the cordless telephone.

Do the following steps:

- Choose the best location
- Connect the base unit
- Choose the dialing mode

Notes:

- The location should be close to both a phone jack and a continuous power outlet which is not switchable.
- Be sure there is sufficient space to raise the base antenna fully vertical.
- The base can be placed on a desk, tabletop or mounted on a standard wall plate.

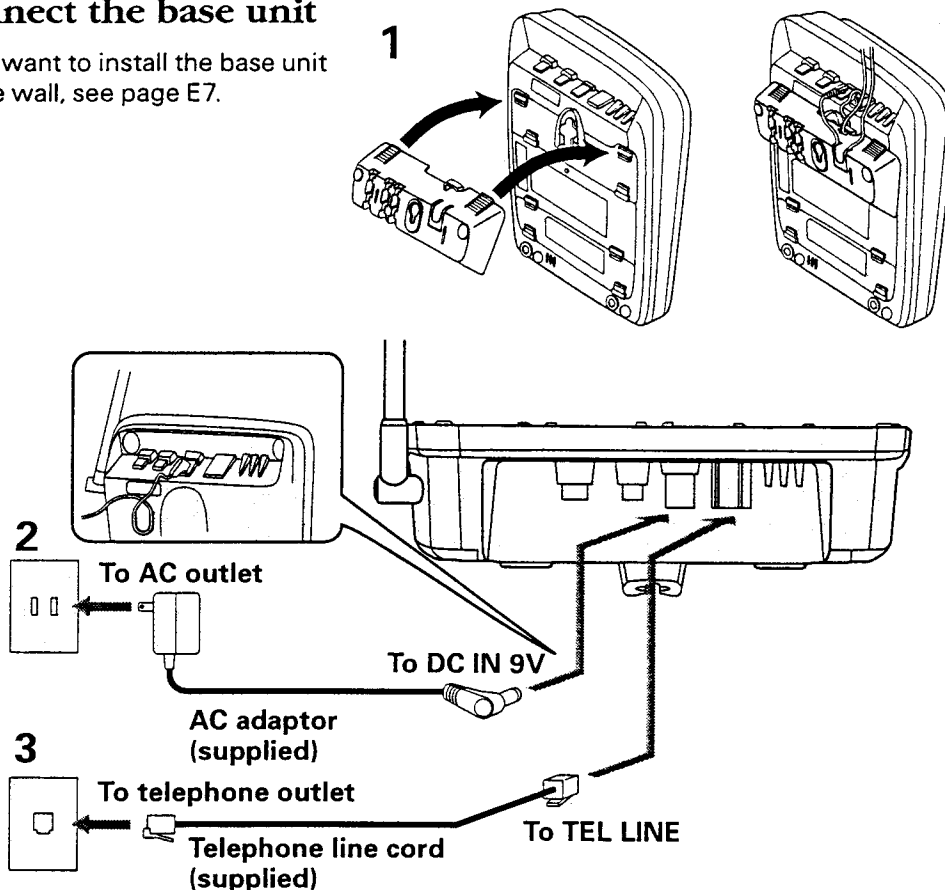


GETTING STARTED

Desktop use

Connect the base unit

If you want to install the base unit on the wall, see page E7.



Note:

When connecting the power cord, make sure it does not create a trip or fire/electrical hazard. Avoid places where it could become chafed.

- 1** Snap the bottom bracket into the notches on the base.
- 2** Connect the AC adaptor to the **DC IN 9V** jack and to a standard 120-V AC wall outlet. Then raise the antenna to a vertical position.
- 3** Connect the telephone line cord to the **TEL LINE** jack and to a telephone outlet.

Note:

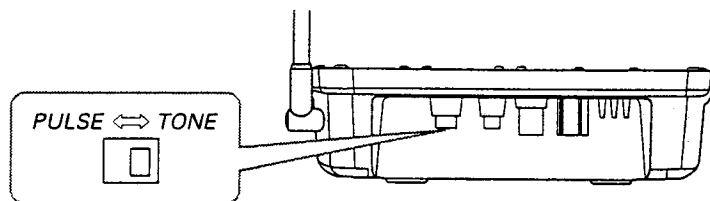
To assure proper handset charging, the bottom bracket must be attached.

GETTING STARTED

Notes:

- Use only the supplied AD-350 AC adaptor. Do not use any other AC adaptor.
- Connect the AC adaptor to a continuous power supply.
- Place the base unit close to the AC outlet so that you can unplug the AC adaptor easily.
- If your telephone outlet is not modular, contact your telephone company for assistance.

Choose the dialing mode



Depending on your dialing system, set the **PULSE-TONE** switch as follows:

If your dialing system is	Set the switch to
Tone	TONE
Pulse	PULSE

If you are not sure of your dialing system

Make a trial call with the **PULSE-TONE** switch set to **TONE**.

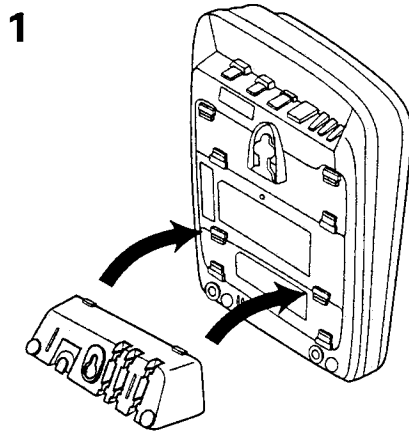
If the call connects, leave the switch as is; otherwise, set to **PULSE**.

GETTING STARTED

Mounting the base unit on a wall

Standard wall plate mounting

This phone can be mounted on any standard telephone wall plate.



- 1 Attach the bottom bracket to the base as shown. Make sure all tabs snap into the notches on the base.

- 2 Plug the telephone line cord to the **TEL LINE** jack and the AC adaptor to the **DC IN 9V** jack.

- 3 Plug the telephone line cord into the telephone outlet.

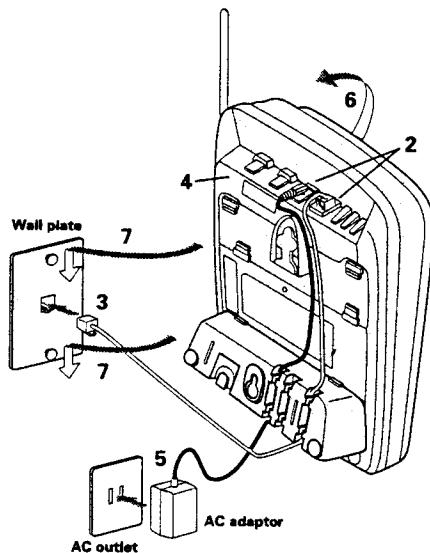
- 4 Wrap the AC adaptor cord inside the molded wiring channel. Then wrap the cord around the strain relief notch.

- 5 Plug the AC adaptor into a standard 120-V AC wall outlet.

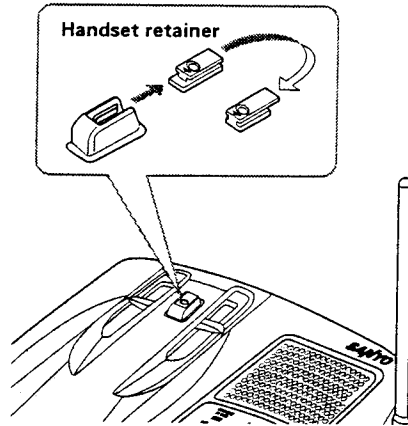
- 6 Raise the antenna to a vertical position.

- 7 Align the mounting slots on the base with the mounting posts on the wall. Push in and down until the phone is firmly seated.


2 - 7



GETTING STARTED

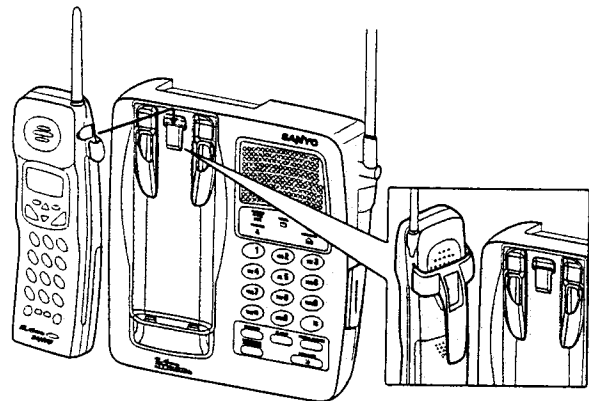


8 On the base unit, pull the handset retainer out of the slot. Rotate it clockwise 180 degrees.

9 Flip the retainer from front to back. Slide it back into the slot so that the lip of the retainer is up and the  points down. The retainer holds the handset in place.

Note:

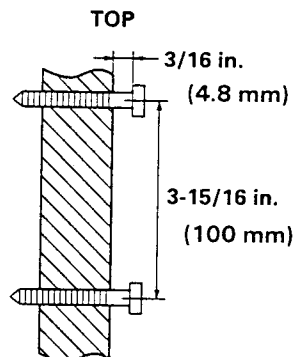
When the phone is mounted on the wall, the handset beltclip must be attached to hold the handset in the charging position. Do not place the handset with the display facing inside.



Direct wall-mounting

If you do not have a standard wall plate, you can still mount your phone directly to the wall. Before doing this, consider the following:

- Avoid electrical cables, pipes, or other items behind the mounting location, that could cause a hazard when inserting screws into the wall.
- Try to mount your phone within 10 – 15 feet (3 – 4.5 m) of a working phone jack to avoid excessive cord lengths.
- Make sure the wall material is capable of supporting the weight of the base and handset.
- Use #10 screws with anchoring devices suitable for the wall material where the base unit will be placed.



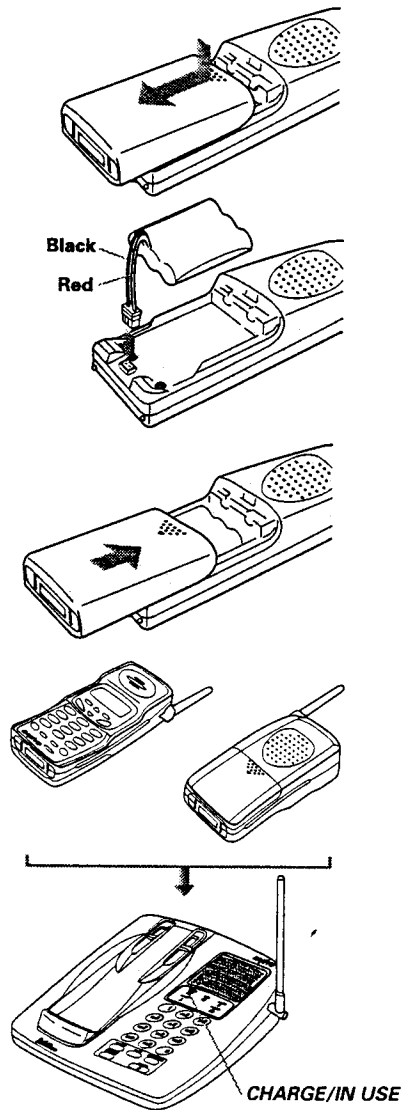
1 Insert two mounting screws with a minimum length of 1-3/8 inches (35.5 mm) into the wall, 3-15/16 inches (100 mm) apart. Allow about 3/16 of an inch (4.8 mm) between the wall and screwheads for mounting the phone.

2 Refer to steps 1 through 9 on page E7 and E8 to mount the telephone.

GETTING STARTED

Preparing the battery pack

Charge the battery pack for more than **15 hours** before you start using your phone.



- 1 Press on the battery cover and slide the cover down until it comes off.
- 2 Plug the battery pack connector with the correct polarity (black and red wires), then insert the battery pack into the battery compartment.
- 3 Slide the battery cover on until it snaps into place.
- 4 Place the handset on the base.
- 5 Make sure that the **CHARGE/IN USE** LED lights. If the LED does not light, check to see that the AC adaptor is plugged in and that the handset makes good contact with the base charging contacts.

Note:

Use only battery pack supplied or the specified Sanyo types with your phone.
Type: SANYO 3KR-600AAL

GETTING STARTED

Battery use time (per charge)

From fully charged

- Six hours continuous use.
- Seven days when the handset is in the standby mode.

When the battery charge level becomes low

When the voltage of battery pack in the handset is very low and needs to be charged, the phone is programmed to stop functioning in order to save power.

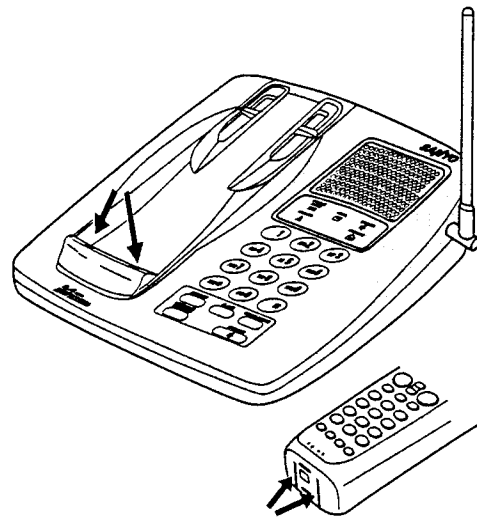
Low Battery

If the phone is not in use, **Low Battery** flashes and none of the keys will operate. If the phone is in use, **Low Battery** flashes and the handset beeps. Complete your conversation as quickly as possible and return the handset to the base unit for charging.

Cleaning the battery contacts

To maintain a good charge, it is important to clean the battery contacts with a dry cloth on the handset and base unit about once a month.

Do not use any liquids or solvents.



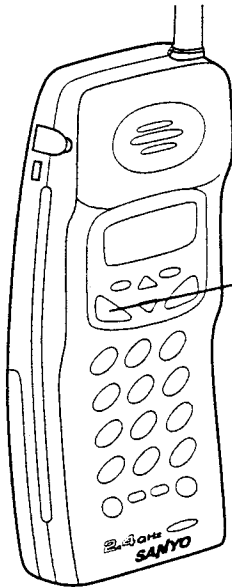
Note:

Repeated short chargings may cause memory effect in battery pack, which reduces use time of the battery. It is recommended not to replace the handset after each call.

BASICS

Making a call

With the handset



Dialing from standby mode

- 1 Enter the phone number. (Up to 32 digits.)
Example: Enter 9057609944

9057609944

- 2 Press **TALK/END**. Talk flashes in the display.

Talk
9057609944

Then the volume setting is displayed. For example, if the volume is set to high, the display shows:

Talk
<High>

- 3 The number is dialed. The call time display appears about 5 seconds after line connection.

Talk 0:00
9057609944

- 4 To hang up, press **TALK/END** (or place the handset on the base).
The call time display remains for about 5 seconds after disconnection.

5:15

Notes:

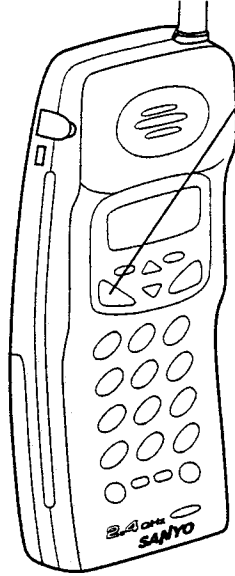
- Press **DELETE/SCAN** if you enter a wrong number at the step 1.
- You must press a key within 20 seconds or the phone will return to standby.

Other Operations

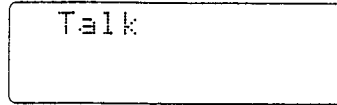
When you want to:	Do this:
Adjust the earpiece volume	Press or during the call.
Temporarily switch to tone dialing (When the base is set to pulse mode)	Press TONE/*/◀ . The subsequent numbers dialed will be sent as tone dialing.
Enter a pause in the dialing sequence	Press REDIAL/PAUSE .
Improve reception	Press DELETE/SCAN .

BASICS

Dialing from talk mode



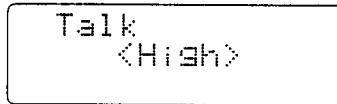
- 1 Press **TALK/END**. Talk flashes on the display.



Then the volume setting is displayed.

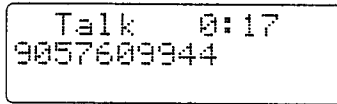
For example, if the volume is set to high, the display shows:

The call-time display appears.

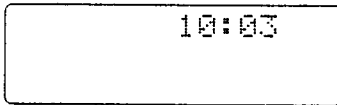


- 2 Dial the phone number.

Example: Enter 9057609944



- 3 To hang up, press **TALK/END** (or place the handset in the base). The call time display remains for about 5 second after disconnection.



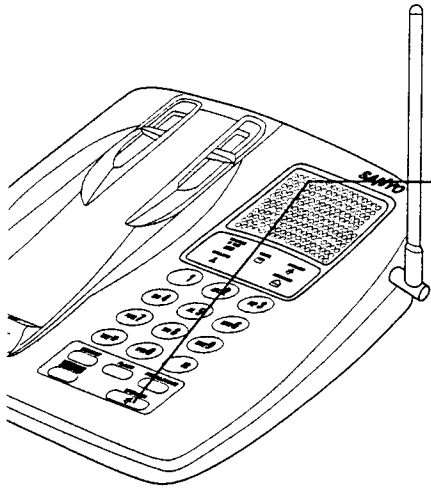
HandsFree Speakerphone in the Handset

- Press **SPEAKER** during a call to switch to handsfree conversation using the handset speakerphone.
- Press **TALK/END** to return to normal conversation using the earpiece speaker.



BASICS

With the base

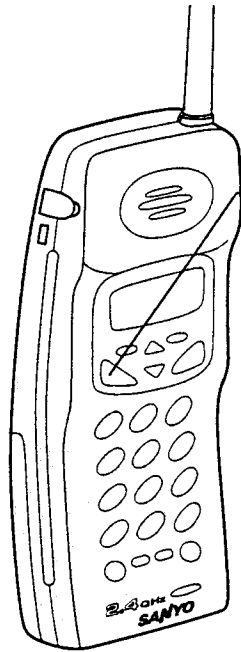


- 1** Press **SPEAKER**. The **CHARGE/IN USE LED** flashes.
- 2** Dial the number on the keypad.
- 3** When you finish the call, press **SPEAKER** to hang up.

BASICS

Receiving a call

With the handset



- 1** The phone rings. Incoming call appears.

Incoming Call

- 2** Press **TALK/END**. Talk and volume setting appears. Also, press **SPEAKER** to answer the call.

Talk 0:00
<Normal>

If you subscribe to Caller ID Service, the display may show caller's name/number. (See page E34)

- 3** Talk with the caller.
The call time display appears about 5 seconds after line connection.

Talk 0:02

- 4** To hang up, press **TALK/END**.
The call time display remains for about 5 seconds after disconnection.

5:15

Any key answer when ringing

When the handset is off the base, press any handset key to answer the incoming call.

AutoTalk when ringing

When the AutoTalk setting is on, you can simply lift the handset from the base to answer the phone. See "Setting Caller ID options" on page E29 for more details.

Call Waiting

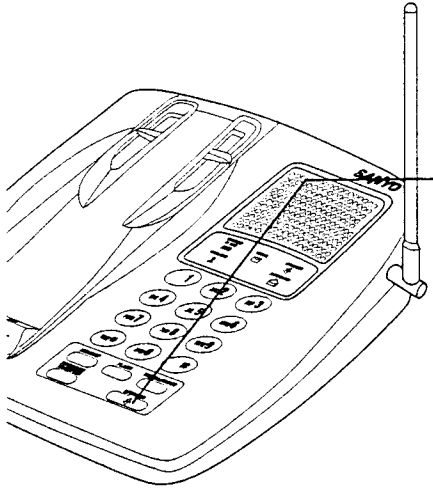
Note: You must subscribe to Call Waiting service to use this feature.

When a call is received during a telephone call already in progress, you hear a beep. Press **CID/FLASH** to switch to the new call.

If you also subscribe to Caller ID on Call Waiting (Visual Call Waiting), you will see the name and number of the second caller. (See page E37.)

BASICS

With the base



1 The base rings. The **CHARGE/IN USE** LED flashes.

2 Press **SPEAKER**.

3 When you finish the call, press **SPEAKER** to hang up.

BASICS

Lighted keypad



The dialing keypad and the **TALK/END** key on the handset light up when you press any key on the keypad. The light turns off if no key is pressed for 5 seconds.

Scanning

Your phone automatically selects the clearest possible channel every time you receive or place a call. Should you wish to switch channels during a call, the handset provides a **DELETE/SCAN** button.

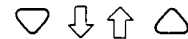
Adjusting the ringer and speaker volume

Ringer volume

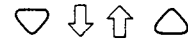
In the standby mode, press **CALL REVIEW/VOLUME**  or  on the handset to set the handset ringer volume.

There are four ringer volume settings:

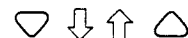
Ringer A High



Ringer A Low







Ringer B High



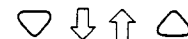
Ringer B Low

Earpiece volume/handset speaker volume

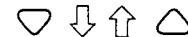
Pressing **CALL REVIEW/VOLUME**  or  during a telephone call will change the earpiece volume/handset speaker volume. This setting will remain in effect even after you hang up the telephone.

When you press  in Loud mode or press  in Normal mode, a beep sounds.

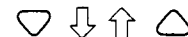
<Loud>



<High>



<Medium>



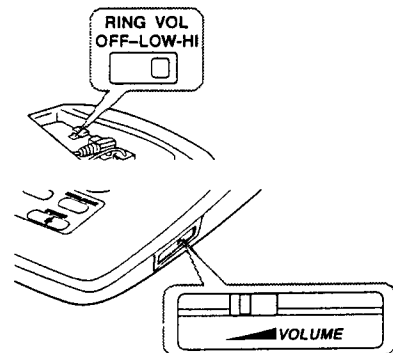
<Normal>

Base ringer switch

This switch turns the base ringer **HI**, **LOW** or **OFF**.

Base speaker volume

To control the speaker volume of the base, adjust the **VOLUME** slide switch as desired.

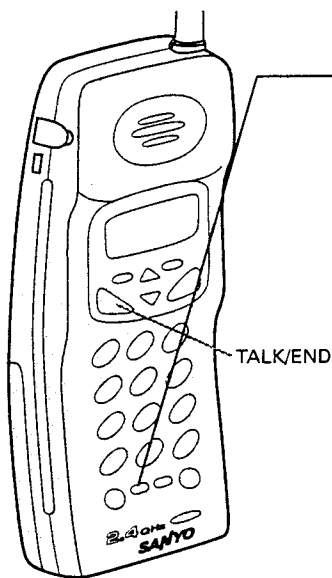


BASICS

Redialing a call

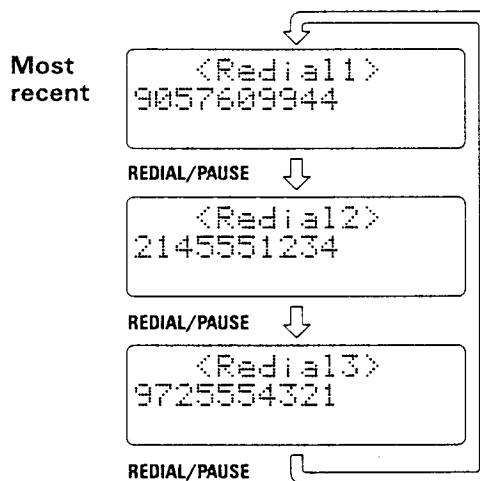
With the handset

The last three phone numbers dialed can be quickly redialed.



Redialing from standby mode

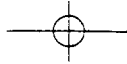
- 1 Press **REDIAL/PAUSE**.
The phone number that was last dialed appears in the display.
- 2 Press **REDIAL/PAUSE** again.
Each press of **REDIAL/PAUSE** will display one of the last three numbers dialed.



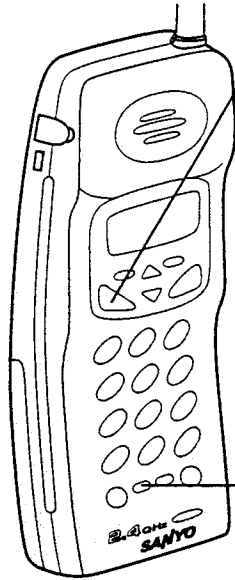
- 3 Press **TALK/END**. **Talk** appears in the display, then the volume setting is displayed.
- 4 Then the selected number is dialed. The call time display appears 5 seconds after line connection.
- 5 To hang up, press **TALK/END** (or place the handset on the base). The call time display remains for about 5 seconds.

Note:

If the recently dialed number exceeds 32 digits, only the first 32 digits are retained for redialing.

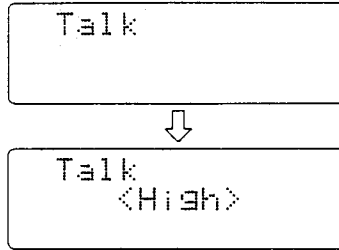


BASICS



Redialing from talk mode

- 1** Press **TALK/END**.
Talk appears on the display.



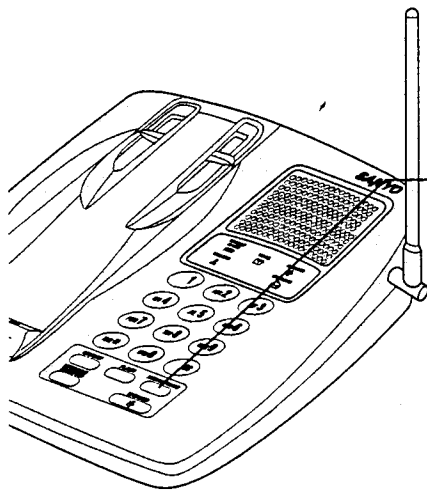
- 2** Press **REDIAL/PAUSE**.
The last number dialed will be displayed. The only one last number dialed can be accessed while talk mode.

- 3** To hang up, press **TALK/END** (or place the handset on the base).

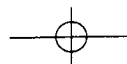
Note:

Only the last number dialed can be accessed after **TALK/END** has been pressed.

With the base



- 1** To call the last number dialed from the base, press **SPEAKER**.
- 2** Press **REDIAL/PAUSE**.
The last entered number will be redialed.

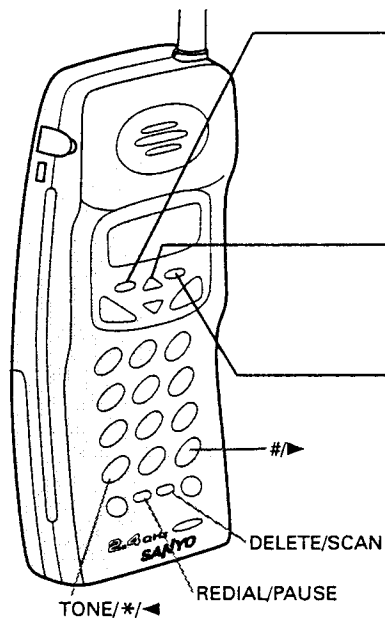


DIRECTORY

Storing phone numbers and names

With the handset

The directory allows you to store up to 20 phone numbers/names in its memory. You can dial a number in the directory using just a few key strokes.



- 1** Press and hold **MEMORY** for about 3 seconds until **Memory Store** is displayed.

```
Memory Store
01▶
02
```

- 2** Use \triangle or ∇ , or enter a two-digit number (01-20) to select the memory location where you would like to store the number.

- 3** Press **INTERCOM/SELECT**. The following screen appears and a cursor flashes indicating that you can now enter the name.

```
Store Name
```

If the following screen appears, the selected location is already occupied. Then you can either change the entry in this location, clear the location, or select **Go Back** to choose another location.

```
▶Edit Memory07
Delete Memory07
Go Back
```

Note:

In memory dialing operation, you must press a key within 20 seconds, or the phone will return to standby. If you return the handset to the base, it will return to standby, too.

- 4** Use \triangle , ∇ or **DELETE/SCAN** to enter the name. The name cannot exceed 13 characters.
- Use \triangle or ∇ to scroll through the character menu. It contains upper and lower case letters and various characters.
 - Use **#/▶** and **TONE/*/◀** to move the cursor to the desired location.
 - Use **DELETE/SCAN** to delete characters as needed.

DIRECTORY

- 5** Press **INTERCOM/SELECT**.
Store Number is displayed.
The cursor flashes indicating that you can now enter the number.

Store Number

- 6** Use the number keypad or **REDIAL/PAUSE** to enter the phone number.
The phone number cannot exceed 20 digits.

Store Number
9057609944

- Use **REDIAL/PAUSE** to enter a pause in the dialing sequence.
The display shows a P.

Note:

The pause feature is useful for long distance calling, credit card dialing, or sequences that require a pause between digits.

- Use **DELETE/SCAN** to delete digits as needed.

- 7** Press **INTERCOM/SELECT**.
The handset beeps and displays the confirmation screen.
Memory storage is complete.
For example, if you store a name and number into memory location number 07, the display shows Memory07 Stored.
After about 2 seconds, Memory Store is displayed.

Memory07 Stored

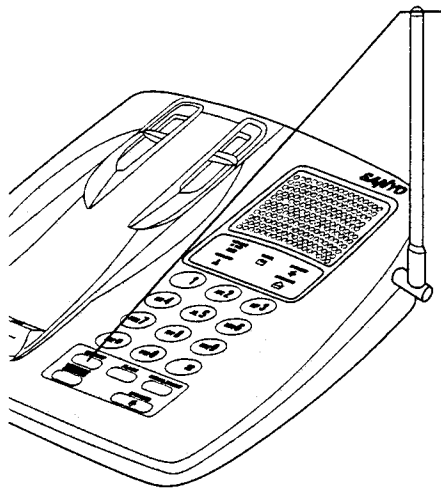
Memory Store
07 SANVO
08

- 8** Press **MEMORY** to return to standby mode.

DIRECTORY

With the base

You can store only numbers in the base memory.



- 1** Press **MEMORY**. The **CHARGE/IN USE LED** blinks.
- 2** Dial the number you want to store.
(up to 16 digits)
- 3** Press **MEMORY** and enter the memory location number (0-9) on the keypad.
A confirmation tone sounds.

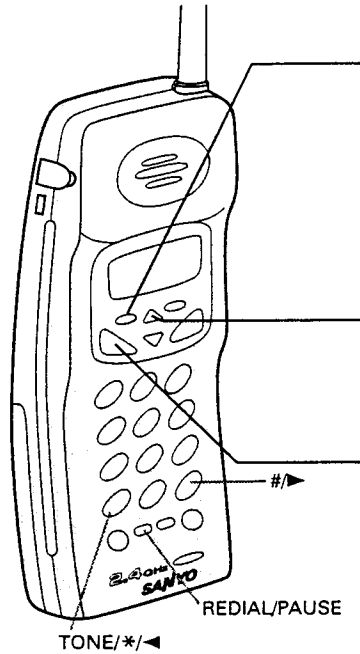


DIRECTORY

Making calls from the directory

With the handset

Memory dialing from standby mode



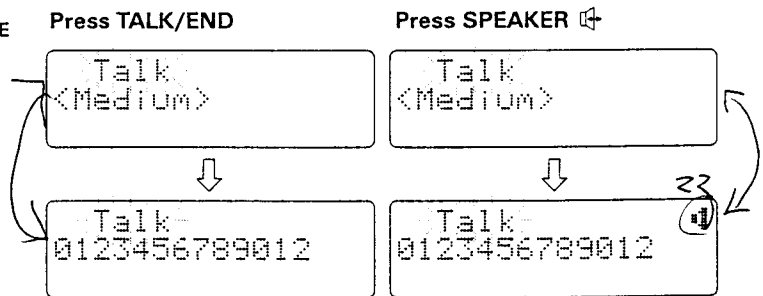
- 1 Press **MEMORY**.
The handset displays your programmed memory locations.

```

01 SANYO
02 Alison McNab
03 MOM AND DAD
    
```

- 2 Press \blacktriangle and \blacktriangledown , or enter a two-digit number (01- 20) to select the memory location you would like to dial.

- 3 Press **TALK/END** or **SPEAKER**. Talk and the volume setting appears on the display. Then the displayed number is dialed.



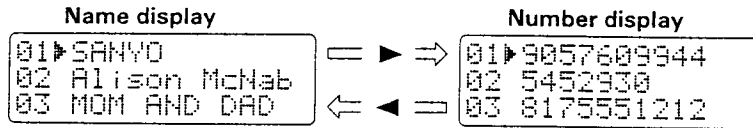
Notes:

- If you press **INTERCOM/SELECT** before **TALK/END**, you can confirm the name and number stored in the selected memory location.
- To exit the memory function without dialing, press **MEMORY**. The handset returns to standby.

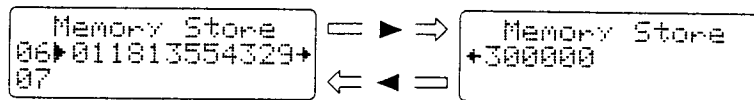
DIRECTORY

Display a programmed number

Use **#/▶** and **TONE/*/◀** to toggle between the name display and the number display.



Note: When the stored phone number has 14 or more digits, "➔" is displayed next to the 12th digit. Press **#/▶** to see the extra digits and **TONE/*/◀** to return.



Memory dialing from Talk mode

- 1 Press **TALK/END** or **SPEAKER**.
Talk and the volume setting appears.

Press **TALK/END**

Press **SPEAKER**

Talk

Talk



Talk
<High>

Talk
<High> 📞

- 2 Press **MEMORY** ↓



Talk 0:00

Talk 0:00 📞

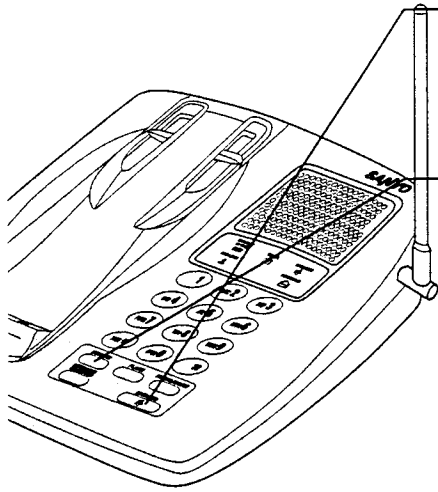
- 3 Enter a two-digit number (01-20) to select the memory location of the desired phone number.

The selected phone number is displayed. Then the number is dialed.

Talk 0:35
0123456789012

DIRECTORY

With the base

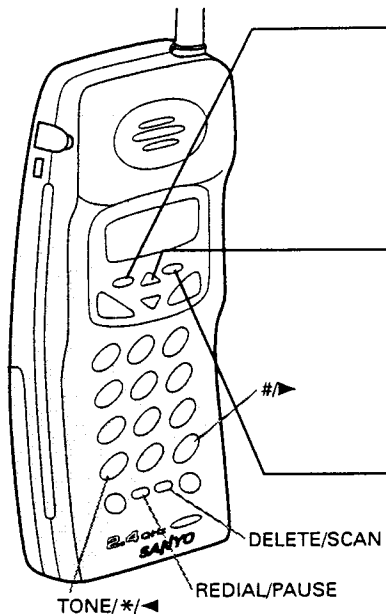


- 1** Press **SPEAKER**. The **CHARGE/IN USE** LED blinks.
- 2** Press **MEMORY** and enter the memory location number (0-9) on the keypad. Then the stored number will be dialed.

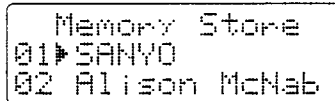
DIRECTORY

Editing a stored name and/or phone number

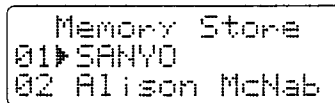
With the handset



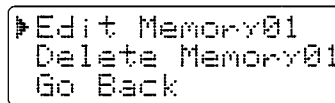
- 1 Press and hold **MEMORY** until the display shows the memory screen and any stored name/number.



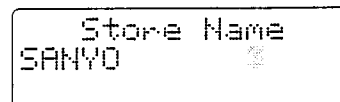
- 2 Press \triangle and ∇ , or enter a two-digit number (01-20) to select the memory location you would like to edit.



- 3 Press **INTERCOM/SELECT**. The following screen appears with the memory location number that you have selected in the display.

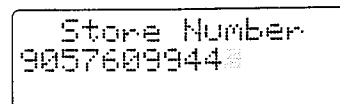


- 4 Press the \triangle or ∇ to select **Edit Memory**, then press **INTERCOM/SELECT**. The following screen appears. The cursor flashes indicating that the name can be edited. When a name has not been stored, the cursor appears at the beginning of the second line.



- 5 Press \triangle , ∇ , $\#/\blacktriangleright$, **TONE/*/◀** or **DELETED/SCAN** to edit the name. (See page E19.) To edit only the phone number, skip this step.

- 6 Press **INTERCOM/SELECT**. The following screen appears. The cursor flashes indicating that the display is ready for the number to be edited.



DIRECTORY

7 Use the number keys, **REDIAL/PAUSE** or **DELETE/SCAN** to edit the phone number. The phone number cannot exceed 20 digits. (See page E20.)
When the phone number will not be edited, skip this step.

8 Press **INTERCOM/SELECT**.
The handset beeps and displays the confirmation screen. The memory storage is complete.
For example, if you store a name and number into memory location number 01, the display shows Memory01 stored.
After about 2 seconds, Memory Store is displayed.

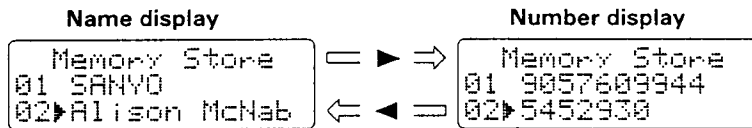
```
Memory01 Stored
```

```
Memory Store
01▶SANYO
02▶Alison McNab
```

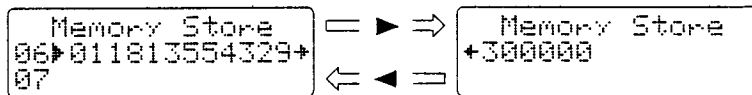
9 Press **MEMORY** or place the handset on the base to return to standby mode.

Display a programmed number

Use **#/▶** and **TONE/*/◀** to switch between the name display and the number display.

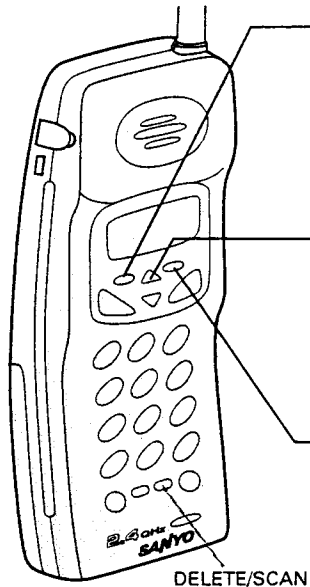


When the stored phone number has 14 or more digits, "➔" is displayed next to the 12th digit.
Press **#/▶** to see the extra digits and **TONE/*/◀** to return.



DIRECTORY

Erasing a stored name and phone number



1 Press and hold **MEMORY** until the display shows the memory screen and any stored name/number.

```
Memory Store
01▶SANYO
02 Alison McNab
```

2 Press Δ and ∇ , or enter a two-digit number (01-20) to select the memory location you would like to edit.

```
Memory Store
01 SANYO
02▶Alison McNab
```

3 Press **INTERCOM/SELECT**. The following screen appears with the memory location number that you have selected in the display.

```
▶Edit Memory02
Delete Memory02
Go Back
```

4 Press ∇ to move the cursor down to Delete Memory command line.

```
Edit Memory02
▶Delete Memory02
Go Back
```

5 Press **INTERCOM/SELECT**. The following confirmation screen appears.

```
Delete Memory02?
Yes
▶No
```

6 Press Δ to move the cursor to Yes.

7 Press **INTERCOM/SELECT** or **DELETE/SCAN**. There is a confirmation tone and the entry is deleted. The following screen appears.

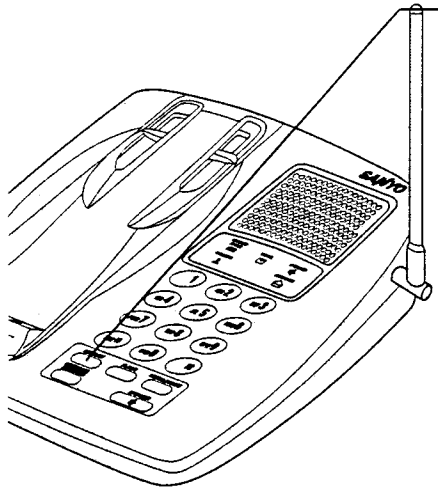
```
Memory02 Deleted
```

8 After a few seconds the display returns to the Memory Store screen. You may select another number to delete (return to step 4) or press **MEMORY** to return to standby.

```
Memory Store
01 SANYO
02▶
```


DIRECTORY

With the base



- 1** Press **MEMORY**. The **CHARGE/IN USE LED** blinks.
- 2** Press **MEMORY** again.
- 3** Enter the memory location number (0-9) you want to delete. A confirmation tone sounds and the number is erased.

CALLER ID FEATURES

Caller ID

You must subscribe to the Caller ID service to use this feature.

When the telephone rings, the Caller ID feature allows you to view the caller's name and phone number on the display before you answer the phone.

When you review the Caller List, the handset displays the phone number of the incoming calls, the caller's name, time called, and the number of calls received. You can dial the displayed number and store the information in the directory for memory dialing.

Note:

You must subscribe to Caller ID on Call Waiting (Visual Call Waiting) if you want to see the name/number of the second caller while you are already on the phone. (See page E37.)

Setting Caller ID options

There are four caller ID setup options available: **AutoTalk On/Off**, **CIDCW** (Caller ID on Call Waiting), **Area Code** and language selection. (English or French)

AutoTalk On/Off allows you to turn off the Auto Talk feature that automatically turns the handset into talk mode when you pick it up from the base. The factory default setting is Off.

Note:

When you subscribe to Caller ID service, you may not want to answer every incoming call before you know who is calling. When AutoTalk is set to off, you must press **TALK/END** to answer the call.

Caller ID on Call Waiting (CIDCW) performs the same as regular Caller ID on a second call. **You must subscribe to this service (Visual Call Waiting, for example) from your phone company in order to use this feature.**

The **Area Code** option can be used to program your area code in the Caller ID memory. When an incoming call has the same area code as yours, the phone automatically recognizes it as a local number and drops the area code when dialing or storing the number directly from the Caller ID list. You may wish to enter your local area code before you use this phone for the first time or if you move to a new area.

Language setting to select the indicated language on the display. You can select English or French.

Note:

If your calling area requires 10-digit dialing, skip this step.

CALLER ID FEATURES

To change your Caller ID options:

- 1** Press **SERVICE MENU** and press ∇ twice. The following screen appears:

```

Select Service
2 Network Svc
3▶Option
  
```

- 2** Use \triangle or ∇ to select desired option and press **INTERCOM/SELECT**. The following screen appears:

```

1▶Auto Talk:Off
2 CIDCW      :On
3 Area Code:
  
```

- 3** Use \triangle or ∇ to move the cursor to the selection that you would like to change.

Press **INTERCOM/SELECT** to switch between On and Off for Auto Talk.
Press **INTERCOM/SELECT** to switch between On, Off and Opt for CIDCW.

- 4** To program your Area Code, press ∇ to move the cursor to select Area Code.

Then press **INTERCOM/SELECT** and enter the 3 digits area code by using the number keypad $\textcircled{0}$ - $\textcircled{9}$. After entering Area Code, press **INTERCOM/SELECT**.

- 5** To set up language of your display, press ∇ to move the cursor to 4 language.

Press **INTERCOM/SELECT** to select Eng (English) or Fr (French).

```

2 CIDCW      :On
3 Area Code:
4▶Language  :Eng
  
```

- 6** After you have made your selections, press **SERVICE MENU** to return to standby.

Note:

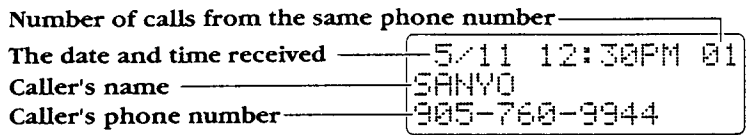
CIDCW Settings

- When you subscribe to Call Waiting or Visual Call Waiting service, select On.
- When you subscribe to Call Waiting Options service (Call Director), select Opt. Please see page Exx for more information.

CALLER ID FEATURES

When the telephone rings

- 1 When a call is received, the display shows the caller's phone number, along with the date and time. The incoming call information is stored in Caller ID list. If the Caller ID service includes the caller's name, it appears on the display (up to 15 letters).



Here are some typical displays:

When the phone number and name data are received

```
5/11 12:30PM 01
SANYO
905-760-9944
```

When invalid data is received

```
Incomplete Data
```

When a private name is received

```
5/11 12:30PM 01
Private Name
905-760-9944
```

When a private number is received

```
5/11 12:30PM 01
SANYO
Private Number
```

When an unknown name is received

```
5/11 12:30PM 01
Unknown Name
905-760-9944
```

When an unknown number is received

```
5/11 12:30PM 01
SANYO
Unknown Number
```

- 2 When you answer the call, the display changes to Talk. (See page E14.)

NOTE Data errors appear as "■".

```
5/11 12:30PM 01
SANYO
905-7■■-9944
```

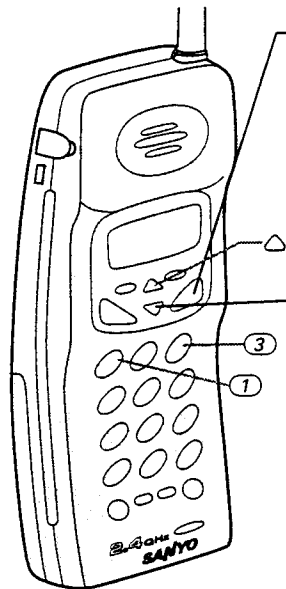
Notes:

- If you answer a call before the Caller ID message is received (Example: before the second ring), the Caller ID message will not appear.
- When the call is via a private branch exchange (PBX), the caller's phone number and name may not appear.
- When the call is received via a telephone company that does not offer Caller ID service, the caller's phone number and name do not appear. (This includes international calls.)

CALLER ID FEATURES

Viewing the Caller ID list

The Caller ID list stores information for up to 50 incoming calls including unanswered calls.



- 1 Press **CID/FLASH**.
The summary screen appears.
The screen shows the number of new messages and total messages.

```
New :01
Total:02
```

- 2 Press \blacktriangledown to display the latest caller ID message.

```
5/17 12:30PM 03
SANYO
905-760-9944
```

- 3 Press \blacktriangledown to see the next message.
Or press \blacktriangle to see previous message.

- 4 Press **CID/FLASH** or return the handset on the base to return to standby.

Notes:

- In Caller ID operation, if no key is pressed for more than 20 seconds, an error tone sounds and the telephone returns to the standby mode.

Long distance number and area code setting

To call back a long distance number from the Caller ID list, press $\textcircled{1}$ while the number is displayed in step 2. The prefix 1- will be displayed at the beginning of the phone number. (When the phone number is 15 digits or longer, only 1 is displayed.)

```
5/17 12:30PM 03
SANYO
1-905-760-9944
```

Pressing $\textcircled{1}$ again will cancel the long distance call setting.

Press $\textcircled{3}$ to add or to delete the area code from the displayed phone number.

Note:

The phone numbers and names of caller list can be up to 15 characters each.

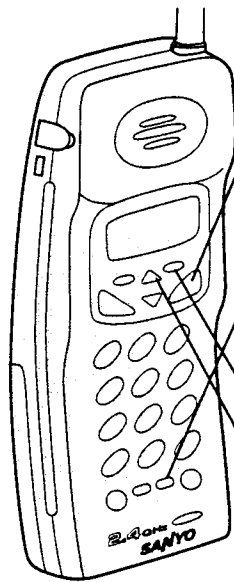
CALLER ID FEATURES

Deleting information from the Caller ID list

The CLT-2430 stores up to 50 entries. If the phone receives the 51st call, the oldest one in the list is automatically deleted.

Any Caller ID entry can be deleted manually.

Deleting a Caller ID entry



- 1** Press **CID/FLASH**.
Display the name/number to be deleted from the Caller ID list by pressing \triangle or ∇ .

```
5/17 12:30PM 03
SANYO
905-760-9944
```

- 2** Press **DELETE/SCAN**.

```
Delete Message ?
▶ Yes
No
```

- 3** Press \triangle or ∇ to select **Yes** or **No**.

- 4** Press **INTERCOM/SELECT** or **DELETE/SCAN**.

When the pointer is at Yes:

A beep tone sounds and the next Caller ID name/number is displayed.

When the pointer is at No:

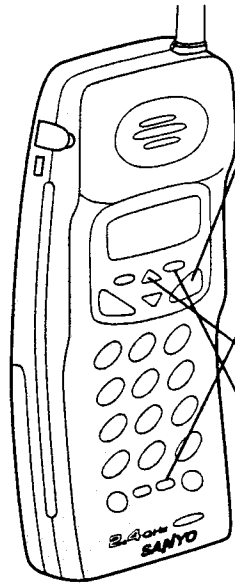
The display returns to the Caller ID display.

Note:

If you receive an incoming call, the deleting operation is cancelled.

CALLER ID FEATURES

Deleting all Caller ID name/numbers



1 Press **CID/FLASH**.

```
New :01
Total:02
```

2 Press **DELETE/SCAN**.

```
Delete All ?
Yes
▶No
```

3 Press **△** or **▽** to select **Yes** or **No**.

4 Press **INTERCOM/SELECT** or **DELETE/SCAN**.

When the pointer is at Yes :

A beep tone sounds and all stored Caller ID messages are deleted.

```
Total:00
```

When the pointer is at No :

The display returns to the summary screen.

```
New :01
Total:02
```

Note:

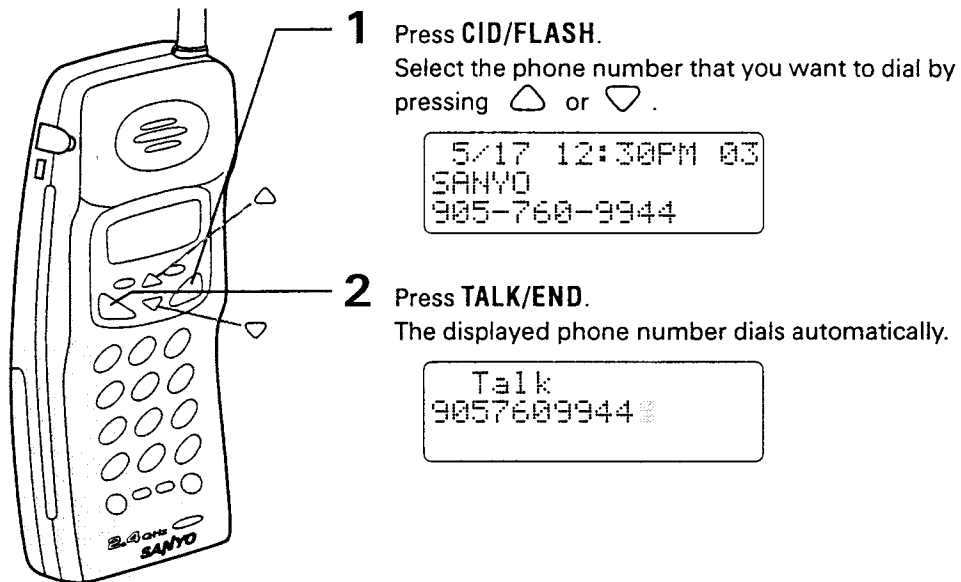
If you receive an incoming call, the deleting operation is cancelled.

CALLER ID FEATURES

Using the Caller ID list

Calling a party from the Caller ID list

You can place a call from the Caller ID list.



Notes:

- When a long distance number is selected, 1 appears in the display.
- You cannot make a call from the Caller ID list if your CLT-2430 is connected to private branch exchange (PBX).

Long distance numbers

Pressing $\textcircled{1}$ will set or cancel a long distance dialing setting for the displayed number in step 1.

Area code setting

Press $\textcircled{3}$ to add or delete the area code with the displayed number.

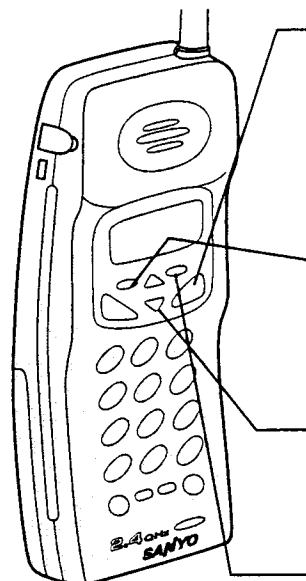
Number editing

Press **INTERCOM/SELECT** after the step 1 to edit the displayed phone number.

CALLER ID FEATURES

Storing Caller ID entry in the directory memory

Names and numbers shown in the Caller ID list can be stored in the directory memory.



- 1** Press **CID/FLASH**.
Select the phone number to be stored from the Caller ID list by pressing \triangle or ∇ .

5/17 12:30PM 03
SANYO
905-760-9944

- 2** Press **MEMORY**.

Select Location
01 SANYO
02 Alison McNab

- 3** Press \triangle or ∇ to select the memory location.

Or press the dial button ($\textcircled{0}$ - $\textcircled{9}$) and select the number (01-20).

- 4** Press **INTERCOM/SELECT**.
A beep tone will sound. The number is stored in memory, and the display returns to the Caller ID list.

5/17 12:30PM 03
SANYO
905-760-9944

Notes:

- You can not store a Caller ID entry that includes no phone number.
- If there is an incoming call or page during memory storing, the operation is cancelled and the telephone is set to receive the incoming call or page.

NOTE

If a number has already been stored in the selected memory location of the directory,

Replace Memory ?
Yes
▶ No

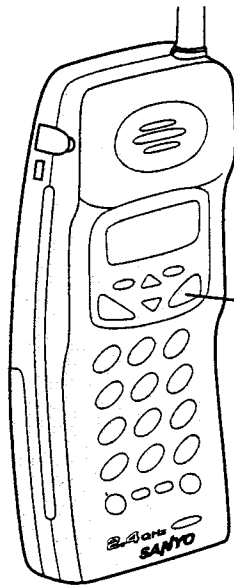
a confirmation screen is displayed. Press \triangle to select **Yes**.

Press **INTERCOM/SELECT** to overwrite. The display returns to the Caller ID list.

CALLER ID FEATURES

Using Caller ID on Call Waiting service

Caller ID and Call Waiting are separate services. Caller ID on Call Waiting (CIDCW or Visual Call Waiting, for example) performs the same as regular Caller ID on a waiting call. You must subscribe to the Caller ID on Call Waiting service before you can use the following features. The Call Waiting service can also be used independently. Please contact your telephone company for details.





- 1 When an incoming call arrives while you are already on the phone, you hear a beep and the phone number and name of the new caller is displayed.

```
Talk 10:30
SANYO
905-760-9944
```

- 2 Press **CID/FLASH**. You will be able to talk with the second caller. The first caller will be put on hold.

- 3 To return to the first caller, press **CID/FLASH** again.

Note:

When you subscribe to Call Waiting Options service and CIDCW is set to Opt. in the Caller ID setup menu (See pages Exx and Exx), you can press the **SERVICE MENU** key after receiving a call waiting call and view a list of ways to handle the new call. Choose an option using the  and  keys and press **INTERCOM/SELECT** to activate.

ADVANCED CALLING FEATURES

You can access a list of calling services provided by your local telephone company by pressing the **SERVICE MENU** key on the handset. You may be required to subscribe to these services before they can be used. Please contact your local telephone company for more details or subscription. Availability of these services varies.

Note:

A subscription may be required and fees may apply for using each of the features listed below. Contact your local telephone company for more details or subscription.

List of features

Voice Mail* Access (page E39)

Many telephone companies offer electronic mailbox service. When you subscribe to this service, your callers can leave messages for you. The CLT-2430 allows you to program your Voice Mailbox access number into its memory for quick retrieval of your message.

Network Features (page E44)

The following calling features offered by many telephone companies are pre-programmed for easy access.

- Last Call Return
- Busy Call Return
- Cancel Call Waiting
- Call Screen
- Select Blocking

Call Waiting Options (page E48)

The following options are pre-programmed to use with Call Waiting Options (Call Director) service.

- Switch/FLASH
- Ask to hold
- Take message
- Tell busy
- Conference
- Answer/drop first
- Drop first
- Drop last

ADVANCED CALLING FEATURES

Voice Mail access

If you subscribe to voice mail service, you can use your CLT-2430 to access your voice mailbox. The messages indicator on the base of your phone flashes whenever you have messages waiting in your voice mailbox.

Programming your access number

- 1 Press and hold **SERVICE MENU**.

```

Edit Service
01▶Voice mail
02 Network Svc
    
```

- 2 Press **INTERCOM/SELECT**.
The handset displays:

```

Store Number
    
```

If you have previously stored a number, the display will show:

```

▶Edit Number
Delete Number
Go Back
    
```

- 3 Enter your Mailbox access number.

- 4 Press **INTERCOM/SELECT**. You will hear a long beep and the display shows:

```

Number Stored
    
```

Note:

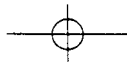
You must subscribe to voice mail service from your telephone company in order to use this feature.

Retrieving your voice mail messages

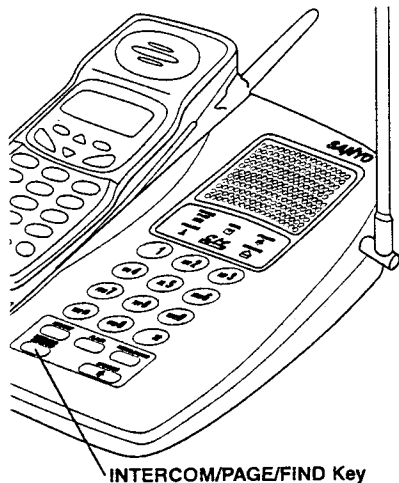
The *messages* indicator on the base will flash and *Check messages* appears in the display when you have received new voice messages.

- 1 To access your Voice Mailbox, press **SERVICE/MENU** and select **VOICE MAIL**.

- 2 Then press **TALK/END** or **SPEAKER**.



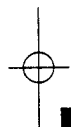
ADVANCED CALLING FEATURES



Resetting message waiting indicator

You may need to occasionally reset the indicator if it remains on after you have retrieved your messages.

To reset the indicator, put the handset to the base then press and hold the **INTERCOM/PAGE/FIND** key for two seconds, or until the indicator stops flashing.

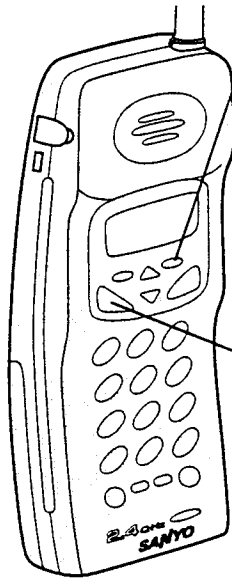


ADVANCED CALLING FEATURES

Call transfer feature

Transferring a call

To transfer from the handset to the base

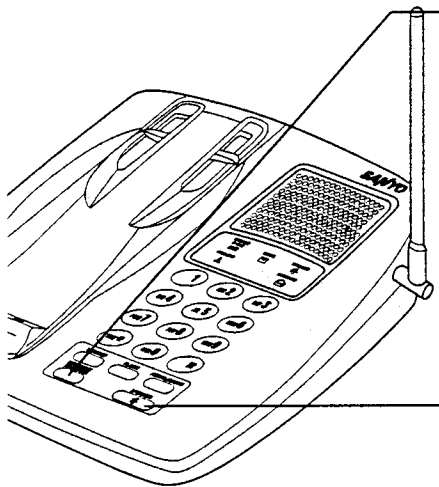


- 1 Press **INTERCOM/SELECT** on the handset. The caller is put on hold and the intercom tone sounds on the base.

Hold
Paging Base

- 2 Press **INTERCOM/PAGE/FIND** or **SPEAKER** on the base. The intercom mode is activated, but the caller is still on hold.
- 3 To transfer the call to the base, press **TALK/END** on the handset. To cancel the transfer, press **SPEAKER** on the base.

To transfer from the base to the handset



- 1 Press **INTERCOM/PAGE/FIND** on the base. The caller is put on hold and the intercom tone sounds on the handset.

Hold
Paging

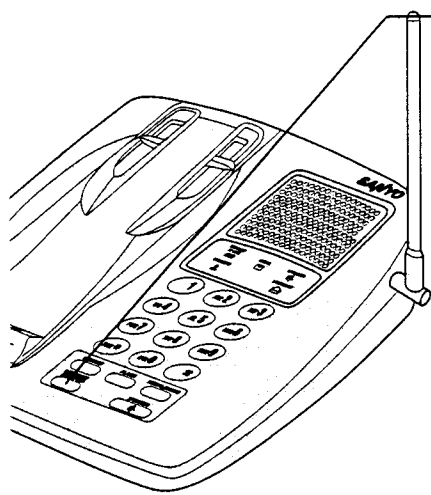
- 2 Press **INTERCOM/SELECT** or **TALK/END** on the handset. The intercom mode is activated, but the caller is still on hold.
- 3 To transfer the call to the handset, press **SPEAKER** on the base. To cancel the transfer, press **TALK/END** on the handset.

ADVANCED CALLING FEATURES

Intercom feature

Using your CLT-2430 intercom

Paging from the base to handset

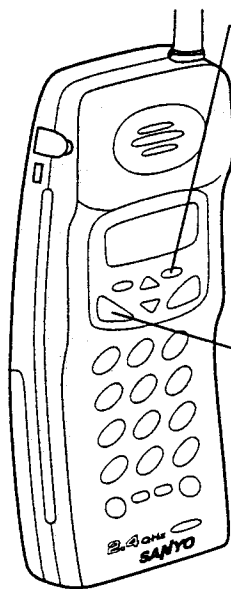


- 1 Press and release **INTERCOM/PAGE/FIND** on the base. The handset beeps. (If no answer, press **INTERCOM/PAGE/FIND** again to disconnect.)

Paging

- 2 Press **INTERCOM/SELECT** or **TALK/END** on the handset to answer. "Intercom" appears on the display.
- 3 To turn off the intercom, press **TALK/END** on the handset or **SPEAKER** on the base.

Paging from the handset to base



- 1 Press **INTERCOM/SELECT** on the handset. (If no answer, press **INTERCOM/SELECT** again to disconnect.)

Paging Base

- 2 At the base, press **INTERCOM/PAGE/FIND** or **SPEAKER** to answer. Speak into the base microphone.
- 3 To turn off the intercom, press **TALK/END** on the handset or **SPEAKER** on the base.

Note:

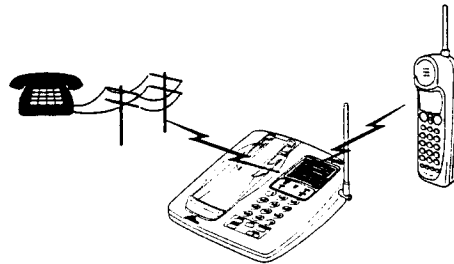
E42 If the page is not answered within one minute, the paging sound stops automatically.

ADVANCED CALLING FEATURES

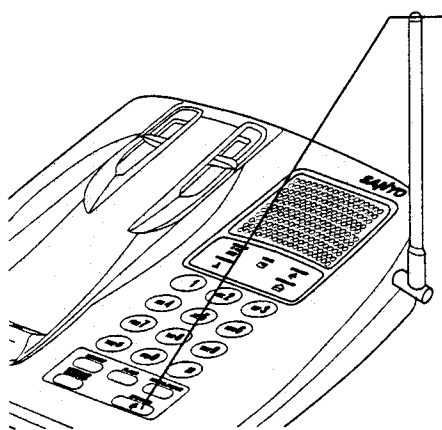
3-way conference feature

3-way conference

The SANYO CLT-2430 permits 3-way conversation between the handset, base and an outside line.

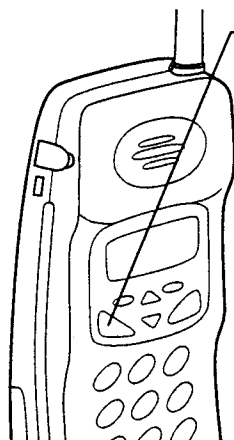


When speaking on the handset



- 1** Press **SPEAKER** on the base.
This will set the 3-way conversation mode.
- 2** Press **SPEAKER** on the base to cancel the 3-way conference. The handset remains connected to the outside line.

When speaking on the base

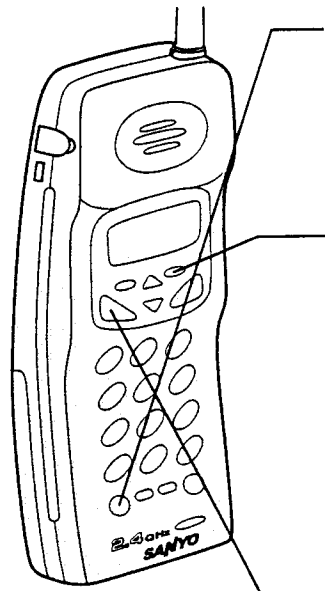


- 1** Press **TALK/END** on the handset.
This will set the 3-way conversation mode.
- 2** Press **TALK/END** on the handset to cancel the 3-way conference. The base remains connected to the outside line.

ADVANCED CALLING FEATURES

Accessing calling features

To access the calling features programmed into your phone, follow the instructions below. General descriptions of each service are given in the following section. For complete instructions for using each service, please contact your local telephone company.



- 1** Press **SERVICE MENU**.
The following screen appears.

```
Select Service
1▶Voice mail
2 Network SVC
```

- 2** Use ∇ or press 2 to select **Network SVC** and then press **INTERCOM/SELECT**.
The display shows the pre-programmed calling features.

```
01▶Call Return
02 Busy Redial
03 Cnc1 Call Wtg
```

- 3** Use the \triangle or ∇ key to select the feature you would like to use.

- 4** Press **TALK/END**. **Talk** and the volume setting appears for a few moments. The display shows the number being dialed. Also you can press **SPEAKER** to start dial.

```
Talk
+69
```

Note:

You must select a service from the menu before pressing **TALK/END**. Once you are in **Talk Mode**, the **SERVICE MENU** key accesses call waiting option only. See *Call Waiting Options* for more information. (See page E48.)

Notes:

- When using certain calling features, local toll or long distance charges may apply.
- Certain calling features may not be used on some long distance calls or from certain types of business lines.

ADVANCED CALLING FEATURES

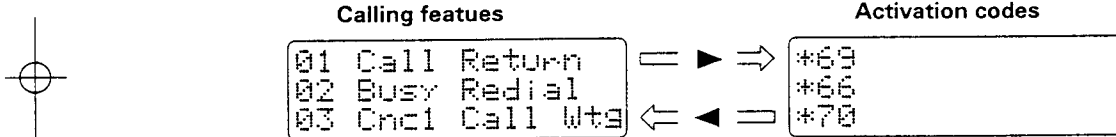
Pre-programmed calling features

The following calling features and activation codes are pre-programmed in the CLT-2430. Activation codes may vary depending on local telephone company. See next page to reprogram a different code of any of these features.

No.	Calling features	Pre-programmed activation codes
01	Last Call Return	*69
02	Busy Call Return	*66
03	Cancel Call Waiting	*70
04	Call Screen	*60
05	Select Blocking	*67

Displaying the pre-programmed activation codes

Use the  and  keys to switch between the calling feature and its activation code.



Descriptions of calling features

The following descriptions are typical and may vary depending on local calling area and service availability. For complete instructions, please contact your telephone company.

Last Call Return remembers the number of the person who called you last and automatically dials that number. This feature is useful if you just missed an incoming call.

Busy Call Return continually redials a busy number for you. When a number is busy, Busy Redial monitors the busy number and lets you know when the line is free.

Cancel Call Waiting temporarily cancels call waiting service. This feature is useful if you have call waiting service, but don't want to be disturbed during a call.

Call Screen screens out all calls from certain phone number of your cho

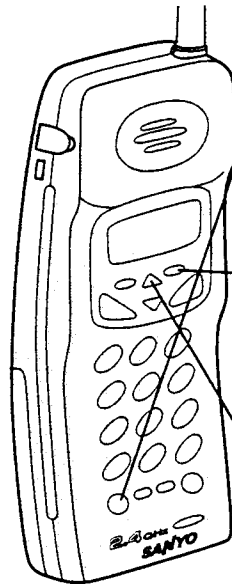
Select Blocking allows you to block your caller ID information from being displayed to the party you are calling. Select this option before dialing.

ADVANCED CALLING FEATURES

Adding new features

The last two calling feature locations are available for you to program new features into your CLT-2430. You may also reprogram features in any of the other locations or restore the pre-programmed service at any time.

Add or edit a service



- 1** Press and hold **SERVICE MENU**.
The following screen appears.
Use ∇ or press **2** to select Network SVC.

```

Edit Service
01▶Voice mail
02 Network Svc
  
```

- 2** Press **INTERCOM/SELECT** and the edit menu is displayed.

```

Select to Edit
01▶Call Return
02 Busy Redial
  
```

- 3** Use the \triangle and ∇ keys to select the feature location you would like to edit.

```

Select to Edit
01 Call Return
02▶Busy Redial
  
```

- 4** Press **INTERCOM/SELECT**.
The following screen appears with the service location number that you have selected in the display.

```

▶Edit Svc02
Restore Svc02
Go Back
  
```

Note:

You can restore a feature to its original pre-programmed service. Just select **Restore Svc02** as shown in step 4 above.

ADVANCED CALLING FEATURES

- 5** Press **INTERCOM/SELECT** to edit the feature stored in location two.
The following screen appears:

```
Service Name
Busy Redial
```

The cursor flashes indicating that the name can be edited. Use the ◀ and ▶, and △ and ▽ keys to enter a new name. Press the **DELETE/SCAN** key to erase characters.

- 6** Press **INTERCOM/SELECT** when you have entered a new name.
The following screen appears:

```
Service Number
*66
```

The cursor flashes indicating that the code can be edited or entered. Use the keypad to enter a new code.

If you enter a wrong digit, press the **DELETE/SCAN** key.

- 7** Press **INTERCOM/SELECT**. The following screen appears:

```
Service01 Stored
```

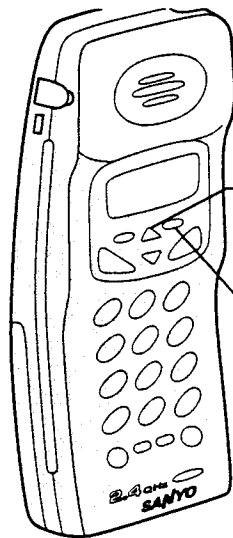
- 8** Press **SERVICE MENU** or return the handset on the base to return to standby mode.

ADVANCED CALLING FEATURES

Call Waiting Options

This feature gives you more options for Caller ID on Call Waiting (Visual Call Waiting). At the touch of a button, you can ask the waiting caller to hold, send the caller to your voice mail service or have a conference with both first and second callers. You may be required to subscribe to voice mail service, call waiting and call waiting options to use these features. Not all features are available in all areas. Check with your local telephone company for details.

Setting CIDCW option



- 1 Press **INTERCOM/SELECT**. Then following display appears.

```
1▶Auto Talk:off
2 CIDCW      :on
3 Area code:
```

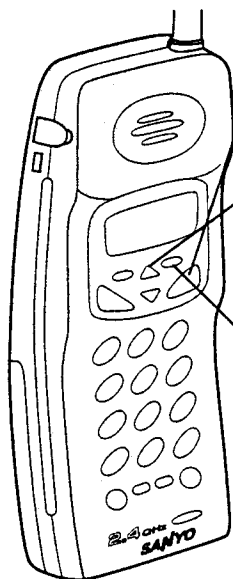
- 2 Press **▽** key to select **CIDCW**.

```
1▶Auto Talk:on
2 CIDCW      :on
3 Area code:
```

- 3 Press **INTERCOM/SELECT** to **opt.**

```
1▶Auto Talk:on
2 CIDCW      :opt
3 Area code:
```

Selecting an option



- 1 When you receive a call waiting signal, you may see the caller's name/number in the display. Press **CID/FLASH** for a list of options.

- 2 Press the **▽** key to select an option.

```
1▶Switch/FLASH
2 Ask to Hold
3 Tell Busy
```

- 3 Press **INTERCOM/SELECT**. A confirmation screen appears.

```
Talk      0:15
Call Holding
```

ADDITIONAL INFORMATION

Your CLT-2430 is pre-programmed with 8 call waiting options.

No.	Option	Message
1	Switch/FLASH	Press FLASH to switch callers
2	Ask to Hold	Pre-recorded message asks 2nd caller to hold
3	Tell Busy	Pre-recorded message tells 2nd caller you are busy
4	Take Message	Asks 2nd caller to leave a voice message
5	Answer/Drop first	Disconnects the 1st caller and answer the 2nd
6	Conference	Starts a 3-way conference call with both callers
7	Drop first	Disconnects 1st caller
8	Drop Last	Disconnects 2nd caller

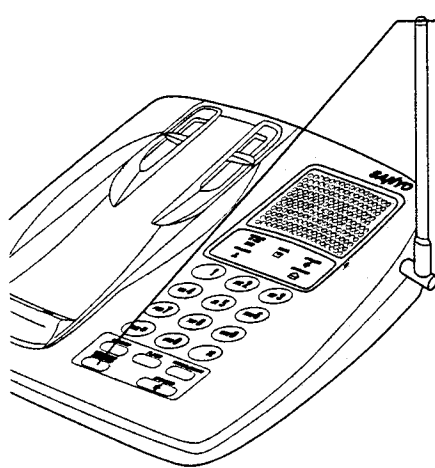
Check with your local telephone company for a full list of options.

Changing the digital security code

The digital security code is an identification code used to connect the handset and the base unit. Normally, setting the code is not necessary.

The first time you charge your handset, the security code is automatically set.
(See page E2.)

In the rare situation that you suspect another cordless telephone is using the same security code, you can change the code.



- 1** Remove the handset from the base unit. Press and hold **INTERCOM/PAGE/FIND**.
- 2** While holding **INTERCOM/PAGE/FIND**, return the handset on the base unit. The paging stops. Leave the handset on the base more than 5 seconds.
A new security code is set.

Note:

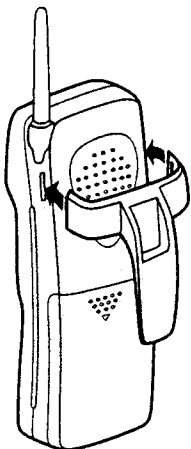
If the handset battery pack is completely discharged or the battery pack is removed, the digital security code will be lost. If this happens, a new security code is set automatically the next time the battery pack is charged.

ADDITIONAL INFORMATION

Installing the belt clip

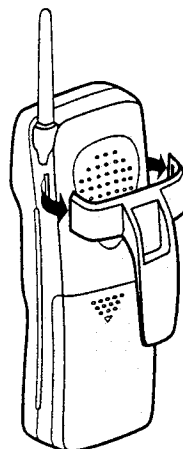
To attach the beltclip

Insert the beltclip into the holes on each side of the handset. Press down until it clicks.



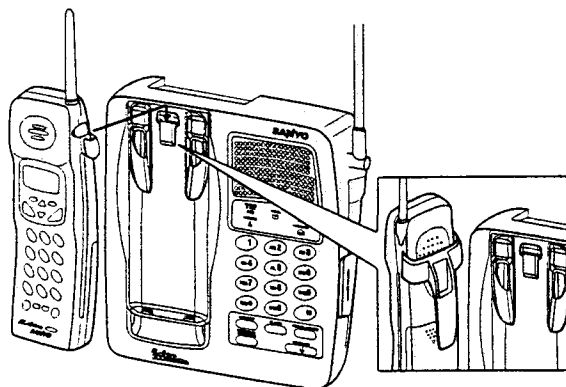
To remove the beltclip

Pull both sides of the beltclip to release the tabs from the holes.



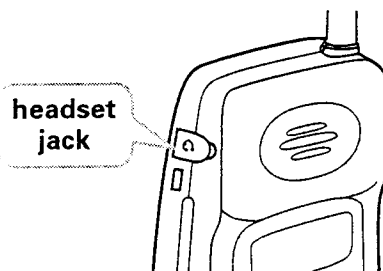
Note:

If you have wall-mounted the base, you must install the beltclip to hold the handset in the proper charging position. Do not hang the handset with the display facing inside.



Headset installation

Your phone may be used with an optional headset. To use this feature, simply plug any standard shielded headset with a 2.5-mm plug into the headset jack. Your phone is ready for hands-free conversation.



ADDITIONAL INFORMATION

Note on power source

Battery replacement and handling

When the operating time becomes short, even after a battery is recharged, please replace the battery.

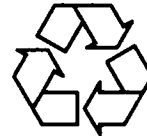
With normal usage, your battery should last about one year.

Please contact your place of purchase for a replacement battery.

Power Failure

During the period that the power is off, you will not be able to make or receive calls with the telephone.

RECYCLING NICKEL-CADMIUM BATTERIES



Ni-Cd

NICKEL-CADMIUM BATTERIES MUST BE DISPOSED OF PROPERLY.

Nickel-cadmium cells are used in the battery pack. Please take your used nickel-cadmium battery packs to a store that recycles nickel-cadmium batteries.

Caution

- Use only the specified battery pack. (See page E9.)
- Do not remove the battery from the handset to charge it.
- Never throw the battery into a fire, disassemble it, or heat it.
- Do not remove or damage the battery casing.

Maintenance

When slightly dirty

Wipe with a soft, dry cloth.

When very dirty

Wipe with a soft cloth that has been dampened with diluted, neutral detergent. Dry with a dry cloth.

When the charging terminals become dirty

Wipe with a dry cloth.

Caution

Do not use paint thinner, benzene, alcohol, or other chemical products. Doing so may discolor the surface of the telephone and damage the finish.

TROUBLESHOOTING

If your phone is not performing to your expectations, please try these simple steps first.

Symptom	Suggestion
The CHARGE/IN USE LED won't come on when the handset is placed in the base unit.	<ul style="list-style-type: none"> • Make sure the AC adaptor is plugged into the base unit and wall outlet. • Make sure the handset is properly seated in the base unit. • Make sure the charging contacts on the handset and base unit are clean.
Weak and/or scratch sound	<ul style="list-style-type: none"> • Make sure that the base unit antenna is in a vertical position. • Move the handset and or base unit to a different location away from metal objects or appliances and try again. • Make sure that you are not too far from the base.
Can't make or receive calls.	<ul style="list-style-type: none"> • Check both ends of the base unit telephone line cord. • Make sure the AC adaptor is plugged into the base unit and wall outlet. • Disconnect the AC adaptor for a few minutes, then reconnect it. • Reset the digital security code (See page E49). • Make sure TALK/END is pressed.
The handset doesn't ring or receive a page.	<ul style="list-style-type: none"> • The battery pack may be weak. Charge the battery on the base unit for more than 15 hours. • The handset may be too far away from the base unit. • Place the base unit away from appliances or metal objects. • Reset the digital security code (See page E49).
The Caller ID does not display.	<ul style="list-style-type: none"> • The call was answered before the second ring. • The call was placed through a switchboard. • Call your local telephone company to verify your Caller ID service is current.

THE SANYO COMFORT WARRANTY

WARRANTY APPLICATION

Sanyo Communications products purchased new, unused in Canada through a Sanyo Authorized Dealer are warranted against manufacturing defects in materials and workmanship for ONE YEAR covering parts and labour, from the date of purchase by the original retail purchaser. This warranty only applies in favour of the original retail purchaser of the warranted product.

SANYO CANADA INC.'S RESPONSIBILITY

During the warranty period, SANYO Canada Inc. will repair, or at our option, replace a Communications product which shows evidence of a manufacturing defect in materials or workmanship. Replacement PARTS are warranted for the remaining portion of the warranty period.

WHAT IS NOT COVERED

- (a) Communications products purchased outside Canada.
- (b) Communications products purchased in a used condition.
- (c) Communications products purchased from non Sanyo-authorized dealer.
- (d) Communications products not intended for Canadian usage or products without appropriate Canadian regulatory approvals.
- (e) Problems due to product set-up and installation.
- (f) Adjustments that are outlined in the Operating Manual.
- (g) Accessory items including antenna, and batteries.
- (h) Damage in or due to transportation.
- (i) Damage due to improper maintenance, accident, abuse, misuse or negligence.
- (j) Damage caused by lightning and power surges.

ORIGINAL RETAIL PURCHASER'S RESPONSIBILITY

You, the original retail purchaser, must present your original, dated bill-of-sale together with this warranty to SANYO Canada Inc. or to an authorized Sanyo Service Depot when you make a claim under this warranty.

You, the original retail purchaser, are responsible for any costs of TRANSPORTING the product to and from SANYO Canada Inc. or an authorized Sanyo Service Depot. You also are responsible for the cost of any MAINTENANCE necessary in respect of the product.

WARRANTY BECOMES VOID

This warranty becomes void if the product's serial numbers are altered or removed or if any repair to the product is made other than by SANYO Canada Inc. or by an authorized Sanyo Service Depot.

LIMITATIONS

- (a). SANYO Canada Inc. reserves the right to change or improve the design of the model of the product warranted hereunder without incurring any obligation to make any modifications to or to install any improvement in or on the product.
- (b). In no event shall SANYO Canada Inc. or any of its Authorized Dealers be liable for special or consequential damage arising from the use of this product.

STATUTORY WARRANTIES

The above provisions do not preclude the operation of any applicable provincial statute which in certain circumstances may not allow some of the limitations and exclusions described in this Warranty. Where any terms of this Warranty are prohibited by such a statute, they shall be deemed null and void but the remainder of this warranty shall remain in effect.

HOW TO OBTAIN WARRANTY SERVICE

Please contact the Sanyo Authorized Dealer from whom the product was purchased, or contact us directly at:

SANYO Canada Inc.
300 Applewood Cres.
Concord, Ont. L4K 5C7
(905) 760-9944
1-800-263-2244



At Sanyo, fulfilling the needs of our customers is a priority. That's why we created our Sanyo On Site (**SOS**) customer service program that guarantees satisfaction. We're so confident about the quality of our products that we're expanding our warranty to include the following exceptional, new level of service.

SOS guarantees you:

Nationwide Customer Support

SOS is there to help you. Our friendly and knowledgeable product specialists will quickly answer your questions about setup and use of Sanyo telephone products. Simply call toll free from anywhere in Canada to connect to our no-charge, **SOS** support and service network.

1-800-263-2244 between 10:00 AM – 7:00 PM EST

Stay-At-Home Convenience

It's a nuisance making another trip to the store when you're stuck. Now with **SOS**, all that's necessary is a quick call from your home for product assistance or exchange. **SOS** – it's the ultimate in convenience.

Hassle-Free Exchange

Should your Sanyo telephone/telephone with answering system require servicing during the warranty period, **SOS** will have a free replacement unit at your door within 48 hours.* For security reasons, you will be asked to give us your credit card number (VISA or MasterCard).

Guaranteed Quality

All SOS replacement sets are checked and serviced by factory-authorized technicians before being sent out. **SOS** means you never have to worry.

***With SOS,
we've got you
covered!***

E54 * Two business days required

Technical Information

Ren Number:

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

Miniature Connector type Code:

CAUTION

This Product is intended for use in CANADA only. Sale or use in other countries may violate local laws.

Cordless telephones use radio frequencies to allow mobility. This affects the performance of your unit.

1. NOISE

Electrical pulse noise is present in most homes at one time or another. This is most intense during electrical storms. Certain kinds of electrical equipment, such as light dimmers, fluorescent bulbs, motors, fans, etc., also generate pulse noise.

Because radio frequencies are susceptible to this, you may on occasion hear pulse noise through the handset. This is usually only a minor annoyance and should not be interpreted as a defect of the unit.

2. RANGE

Because radio frequencies are used, the location of the base station can affect the operating range of the unit. Try several locations and choose the one that gives the clearest signal to the handset. (Turning in a circle while holding the handset may also increase the operating range.)

3. INTERFERENCE

Electronic circuits activate a relay to connect the unit to your telephone line. These electronic circuits operate in the radio frequency spectrum. While several protection circuits are used to prevent unwanted signals, there may be periods when these unwanted signals enter the base station. You may hear click or hear the relay activate when you are not using the cordless handset. If this occurs frequently, you can minimize or eliminate the problem by lowering the height of the base station or relocating the base station. It may also be helpful to change the operating channel and/or the security code setting.

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

NOTICE:

Privacy of communications may not be ensured when using this telephone. Other devices, including other cordless telephone telephones, may interfere with the operation of this cordless telephone or cause noise during operation. Units without coded access may be accessed by other radio communication systems. Cordless telephones must not cause interference to any licensed radio service.

The Industry Canada Label identifies certified equipment. This certification means that the equipment meets certain telecommunications network protective, operational and safety requirements. The ministry does not guarantee that the equipment will operate to the user's satisfaction.

Before installing this equipment, users should ensure that it is permissible to be connected to the facilities of the local telecommunications company. The equipment must also be installed using an acceptable method of construction.

In some cases, the company's inside wiring associated with single-line individual service may be extended by means of a certified connector assembly (telephone extension cord). The customer should be aware that compliance with the above conditions may not prevent degradation of service in some situations.

Repairs to certified equipment should be made by an authorized Canadian maintenance facility designated by the supplier. Any repairs or alterations made by the user to this equipment, or equipment malfunctions, may give the telecommunications company cause to request that the user disconnect the equipment.

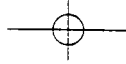
The user should ensure for his own protection that the electrical ground connections of the power utility, telephone lines and internal metallic water pipe system, if present, are connected together. This precaution may be particularly important in rural areas.

CAUTION

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

The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the product.

This symbol on the product is used to identify the following important information. Use only with: SANYO AD-210 power adaptor.



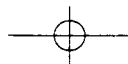
SANYO

Covered under one or more of the following U.S. patents:

4,511,761 4,523,058 4,595,795 4,797,916 5,381,460
5,426,690 5,434,905 5,491,745 5,533,010 5,574,727
5,650,790 5,660,269 5,661,780 5,663,981 5,671,248
5,717,312 5,754,407 5,768,345 5,787,356 5,838,721

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REPLACEMENT BATTERY TIME IS **NOW** –
BEFORE YOU NEED IT!

The handset of your Sanyo cordless phone uses a rechargeable battery. While the extended lifetime of today's rechargeable batteries is better than ever, the original battery will eventually wear out with repeated charging in normal use. For peace of mind it is best to have a spare handy. An uncharged replacement battery will remain in perfect condition, ready when you may need it most.

To maintain optimum performance, choose a premium-grade battery, factory-approved GE-SANYO brand. Sanyo and General Electric have formed an alliance in the specialized technology of rechargeable batteries for cordless phones. This union makes us the world's leading manufacturer of high-quality rechargeable batteries.

Don't wait until the rechargeable battery in your new cordless telephone wears out and leaves you flat. You can purchase a spare GE-SANYO brand battery now from your dealer or by mail (using the order form below).

Mail your order form to:
G-S OFFER
939 Lawrence Ave. East,
P.O. Box 47620, Don Mills, Ontario, M3C 3S7

Visa, MasterCard, cheque or Money Orders only. SORRY NO C.O.D. ORDERS.

PLEASE PRINT CLEARLY

Cost: \$22.00 each, all taxes and delivery included.

The battery used in the phone packed with this form is 3KR-600AAL. Other cordless phones may use a different battery — please consult your dealer.

Quantity: _____ For Cordless Phone Model No. _____

Visa

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MasterCard

Expiry: month

year

Signature: _____

Cheque Money Order Enclosed (Payable to G-S OFFER)

Name: Mr. Ms.

Phone () _____

Address: No. _____ Street _____

Apt. _____

City _____

Province _____

Postal Code _____

Please allow up to 4 weeks for delivery.

You might wish to make a copy of this page before sending, for future reference.
FRANCAIS AU VERSO.