

SANYO

INSTRUCTION MANUAL

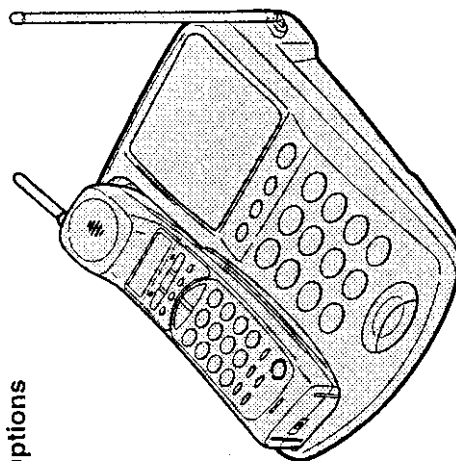
CLT-9840

900-MHz Cordless Telephone

CM
CALL MANAGER

Compatible with:

- Caller ID
- Calling Services
- Visual Call Waiting
- Call Waiting Options



Congratulations

Your Sanyo **900-MHz COMPANDER PLUS** cordless telephone is a fine-quality home communications product. It is carefully designed and produced by a world leader of consumer and industrial electronics equipment. With proper maintenance and care, it will provide you with years of enjoyment and convenience.

Main features:

900-MHz Technology

Superior Range - The use of 900-MHz frequency band for signal transmission between base and handset means greater communication range compared to conventional 43---49 MHz cordless telephones. In normal situations, approximately 4 times greater distance can be achieved.

Ultra-Low Noise - The high frequency communication has also significantly reduced noise level.

40-Channel Auto Scan - Your new telephone uses one of 40 channels in the 900-MHz frequency band. It automatically selects a clear channel every time you receive or place a call on the handset. Should you wish to switch channels during a call, the handset provides a **SCAN** button.

COMPANDER PLUS Noise Reduction

This fourth generation of the Sanyo's original noise reduction technology now filters out more background noise.

LCD Display and Call Manager Features* on Handset

The backlit LCD display on the handset is compatible with many special services offered by your telephone company, including Caller ID, Visual Call Waiting. When you subscribe to these services, you can see the caller's name/number on the display before you answer a call, or even when you're already on the phone. The callers list memory of this telephone keeps a log of as many as 30 recent callers, which you can review on the display. The display also shows the number you dial, date/time and operation prompts. Display language is English or French selectable.

*Require a subscription. Please ask your telephone company for more details.

30-Name/Number Directory

You can program 30 telephone numbers, together with each party's name, into the directory memory. You can transfer numbers saved in the Caller ID log to the directory, view the directory name/number list on the handset display, and dial out the number on display at the touch of a button.

Handsfree Speakerphones and Dual Keypad

Handsfree speakerphone is included on both cordless handset and base station. With a dialing keypad on both units, the CLT-9840 is like two telephones, and serves you as an intercom or 2-way pager.

Power Failure Backup System

This unique feature allows you to place or receive a call on the cordless telephone during a power interruption of up to 20 hours. Four AA batteries are required (not supplied with the telephone).

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GENERAL

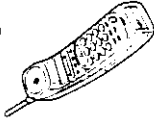
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Read this information carefully before installing and operating your cordless telephone.

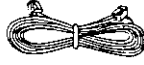
Unpacking

Check to make sure you have all the items that come with the telephone.

Handset with rechargeable battery



Telephone cord



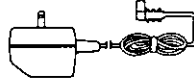
Base station



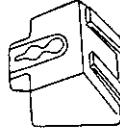
Speed dial sheet (for base station)



AC adaptor



Wall mount bracket



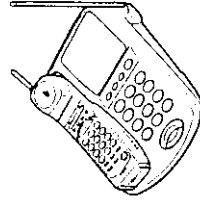
DESCRIPTION

Cordless telephones operate on the same principle as a two-way radio. The location of the base station determines the range of operation. In most homes, maximum range is obtained by locating the base station at the highest point in the house.

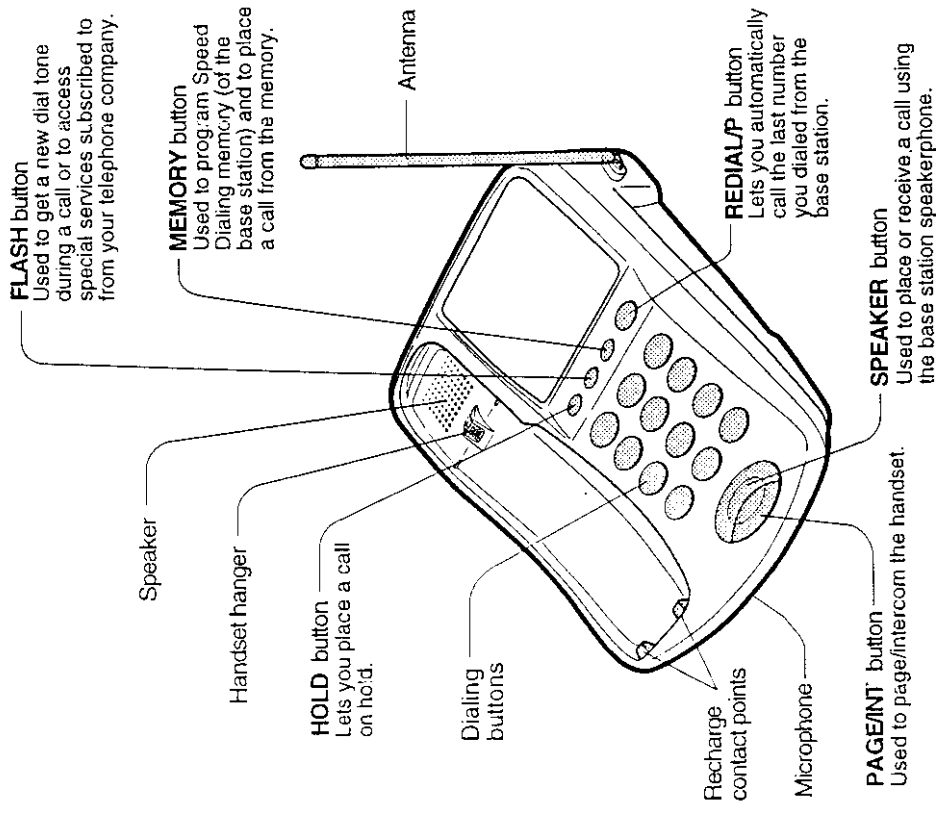
The base station operates from a 120V AC electrical outlet. Connect the base station to a telephone line by simply plugging it into a standard telephone jack. The handset is powered by a heavy-duty rechargeable battery. This SANYO cordless telephone is hearing-aid compatible.

CAUTION

Charge the handset battery pack before using the cordless phone for the first time. Do not attempt to use the phone before charging the battery pack for a full 10 hours.

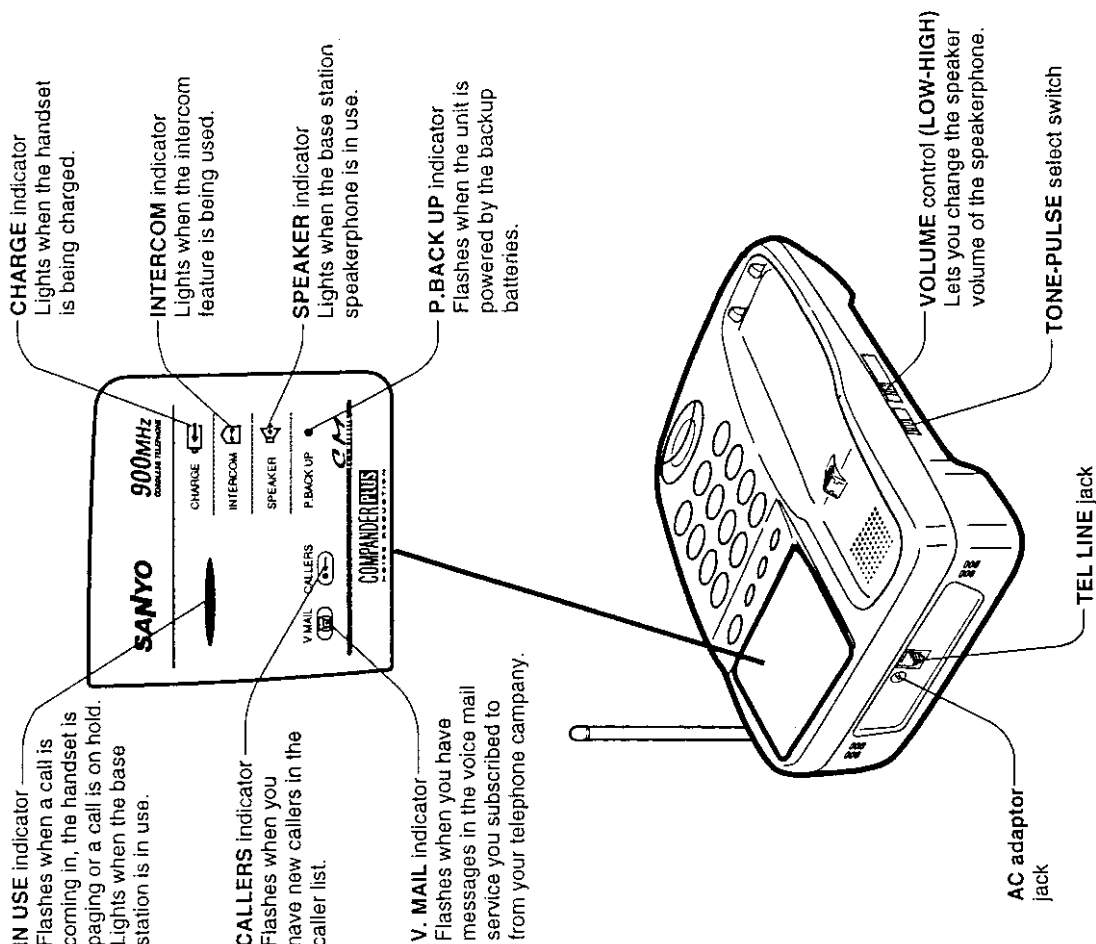


BASE STATION



E4

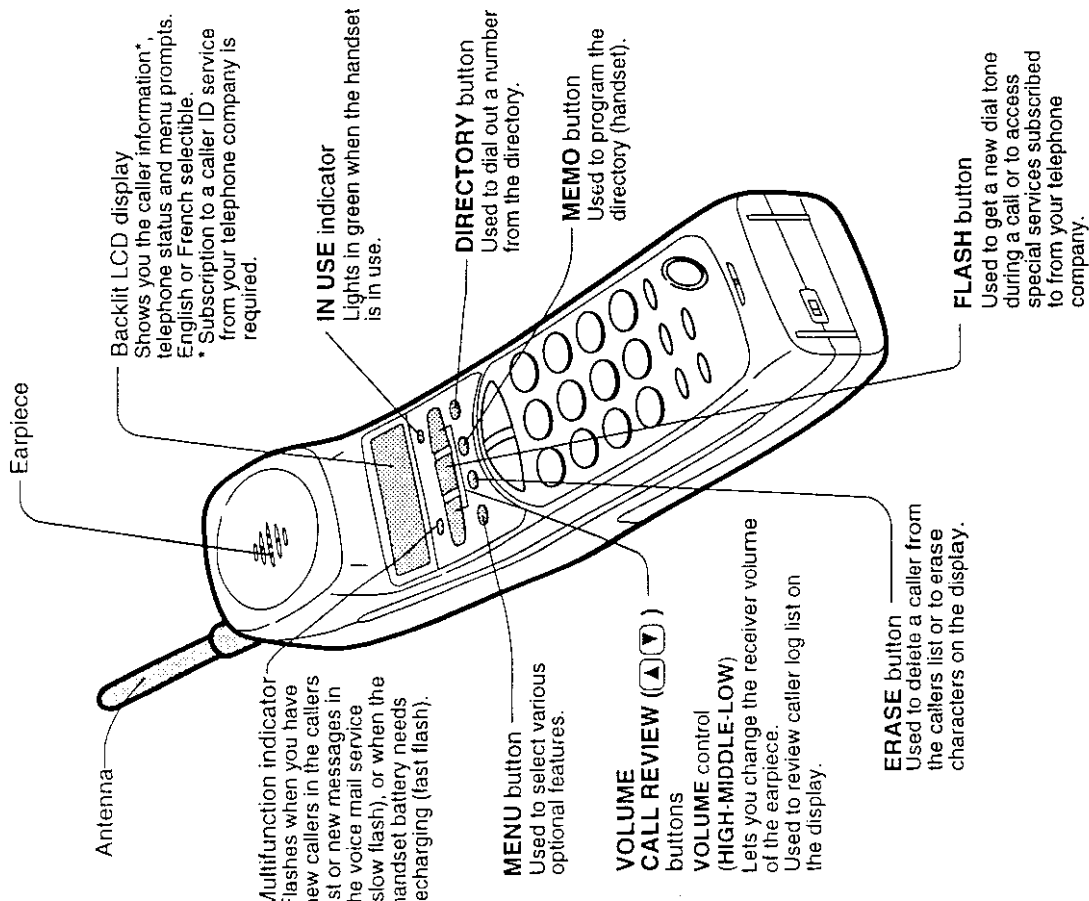
BASE STATION



E5

Names of controls

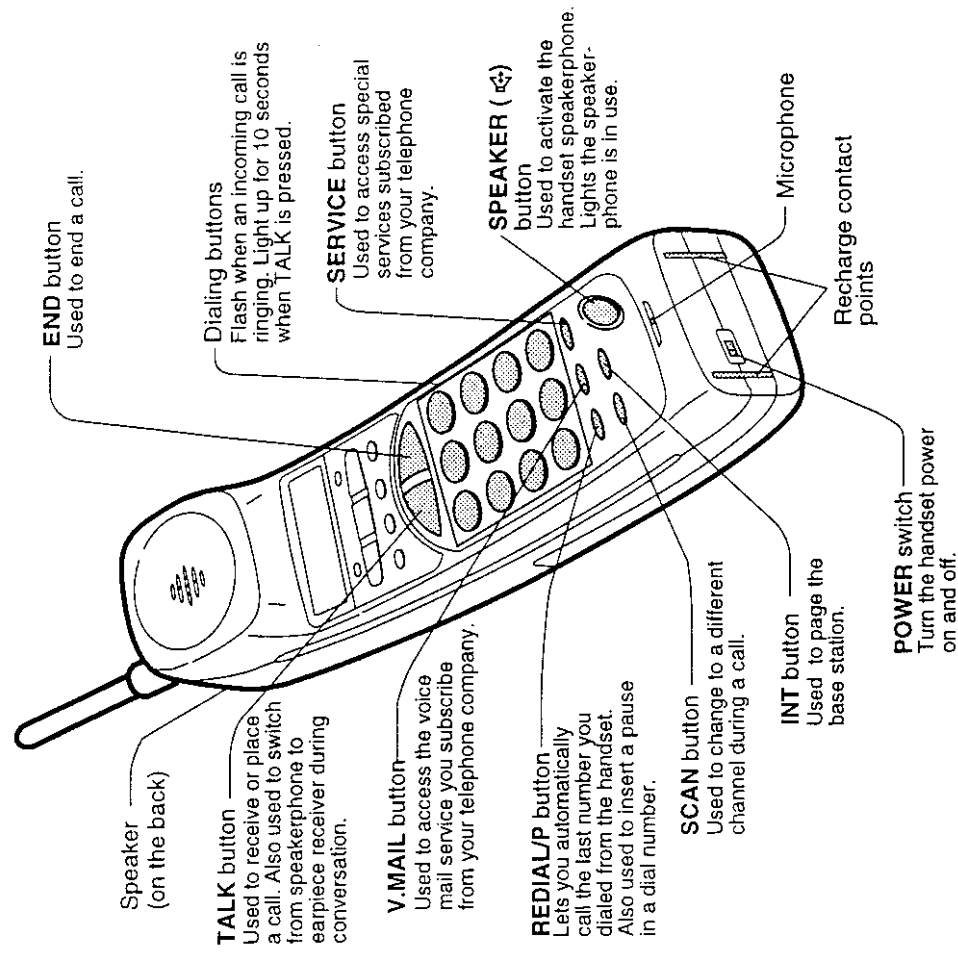
HANDSET



E6

Names of controls

HANDSET



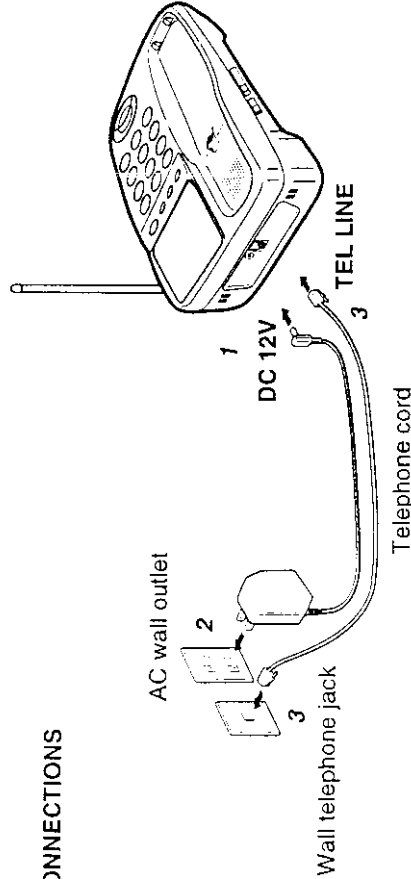
E7

Installation

BASE UNIT LOCATION

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.

CONNECTIONS



Insert the small plug of the AC adaptor into the **DC 12V** jack provided on the back of the base station.

Plug the AC adaptor into an AC 120V wall outlet.

Insert one plug of the telephone cord into a wall telephone jack (modular type) and the other into the **TEL LINE** jack on the base station.

Wind any excess length of the telephone cord around the cord holder on the back of the base station.

OPTIONAL

If you move the CLT-9840 to another location, connect it in the correct order as above.

Pronged Jack

If you have a 4-pronged jack, use a modular 4-pronged adaptor (not supplied).

Direct Wire Connection

If your current phone is wired directly into the wall, have the phone company install a modular wall phone jack.

Party Line or Pay Phone

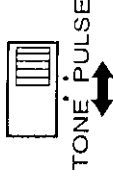
If you have a party line or a pay phone, telephone companies do not allow the installation of cordless telephones, because they will not work correctly with these systems.

E8

Installation

DIALING SYSTEM

Set the **TONE-PULSE** select switch on the base station to the dialing system used in your home (touch-tone or pulse). If you do not know which system is in use, ask your telephone company.



BACKUP BATTERY INSTALLATION

This cordless telephone has a power-failure battery backup system. With four AA alkaline batteries properly installed, the backup system allows you to use both handset and base station during a power interruption for up to 20 hours in standby mode or up to 8 hours in talk mode. See page E42 for more details.

1 Make sure that the base station is connected to AC power.

2 Open the battery cover on the bottom of the base station.

3 Insert four AA batteries (not supplied).

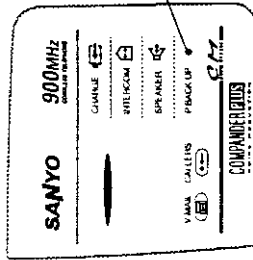
Match the polarities (+ and - signs) of the batteries to the polarities shown inside the battery compartment.

4 Close the battery cover.

Make sure the **P.BACK UP** indicator lights. During a power interruption, the **P.BACK UP** indicator flashes to indicate the battery power is being used.

E9

BACKUP indicator



Flashes while the telephone is powered by the backup batteries.
Turns off when the backup batteries need to be replaced.

CAUTION

When installing batteries:

To prevent corrosive leakage from batteries, which can cause personal injury and damage to the unit, observe the following precautions:

- Always use new dry batteries for the backup function. If you use used batteries or if the batteries are drained, the backup function may not work and you may not be able to place a call, even though the **P.BACKUP** indicator is on.
- Match the polarities (+ and - signs) on batteries to the polarities shown inside the battery case.
- Do not mix new batteries with old or used ones.
- Only use batteries of the same type and brand.
- If the unit is not to be used for an extended period of time, remove the batteries from the unit.
- Carefully follow the battery manufacturer's instructions for proper use and disposal.
- DO NOT ALLOW YOUNG CHILDREN TO HANDLE BATTERIES.

Note

When the batteries are discharged, they must be disposed of in a safe manner that complies with all applicable laws.

Charging the handset battery

IMPORTANT

Charge the handset before using the cordless phone for the first time.
Do not attempt to use the handset before charging it for a full 10 hours.

- 1 Place the handset on the base station and charge it for 10 hours with the **POWER** switch set in the **OFF** position.

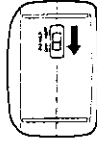
Bidirectional handset

The handset can be placed with the keypad facing up or down.

- 2 Remove the handset from the base station.

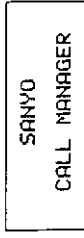
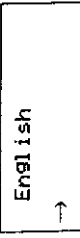
- 3 Set the **POWER** switch to **ON**.

The language menu appears on the display.



To change the display language to Spanish: press **▼** and then **(MENU)** within 7 seconds.

If you do not change the language, **SANYO CALL MANAGER** appears.
The handset is ready for use.



The display will show **Battery LOW** when the handset needs recharging. Simply place the handset in the base station cradle and charge it for 10 hours. It is not necessary to turn the **POWER** switch off before each charging, except for the first time.

Note

- The handset battery can be recharged and reused many times.
- Repeated recharging for a shorter period may reduce the battery time.
- If the handset battery fails (the **Battery LOW** appears on the display) even after being charged for 10 hours, replace it with a new Sanyo cordless telephone battery, type **3N-600AACL** or **SANYO/GE GES-PCF01** (See page E39).

Battery saver mode

The handset saves battery power by going into battery saver mode 45 seconds after you stop using the handset. In this mode, the display "sleeps" (goes blank), but the handset still receives calls. When you use the handset again, the display automatically "wakes up". If it does not, make sure the handset power is on.

Optional Feature Menu

Using the Option List display, you can change the settings of many optional features on your telephone:

- 1) Handset ringer level selection
- 2) Programming your own area code
- *3) Clearing message indications
- 4) Programming your greeting display
- *5) Call waiting OFF/ON selection
- 6) Selecting the display language

*You may be required to subscribe to specific telephone company services. Contact your local telephone company for more information.

To review the current settings:

1 Press **MENU**.

2 Press **▲** or **▼** to scroll through the feature list. You can also enter the number of the feature you want to review (1 to 7).

The handset ringer is set to HIGH.

1. Ringer is High
* = Change ▼ = Next

Press ***** to change this setting, or **▼** to review the next setting.

3 Press **END** or **MENU** to finish reviewing.

Handset ringer level selection

Three ringer levels are provided:

High, Low and OFF. (Factory setting is High).

To change the ringer Level:

1 Press **MENU**.

2 Press **▼** or **1**.

*Continued on next page.

E12

Optional Feature Menu

3 Press *****. Each time you press the key, you hear the ringer at the selected volume level. The display also shows the selection.

4 Press **END** or **MENU** to finish ringer level setting.

If the ringer is set to OFF (the display shows the "Ringer is OFF"), the handset will not ring when a call comes in.

2) Programming your own area code

When you program your area code in the telephone memory, the caller ID display does not attach an area code to incoming local numbers having the same area code as yours. This allows you to dial a local number directly from the callers list without having to remove the area code first.

To program your own area code

1 Press **MENU**.

2 Press **▼** until the display shows 2.Area code> or press **2**.

3 Press *****.

4 Enter your area code (3 digits).

To make correction, press **ERASE** and then re-enter.

5 Press **MEMO**.

You hear a beep, and the display shows the area code you entered.

6 Press **END** or **MENU** to return to the standby mode.

If you press **MEMO** without entering a 3-digit number, the display shows Cannot Save and automatically returns to 2.Area code> display.

E13

To change the area code

- 1 Press **MENU**.
- 2 Press **▼** until the display shows **2.Area code**, or press **2**.
The current area code is shown in the display.
- 3 Press ***** to change.
The area code disappears.
- 4 Follow steps 4 - 6 of "To program your own area code" on page E13.

Option list ▼=Next
2.Area code> 123 *=Change ▼=Next
2.Area code>

To erase the area code

- 1 Press **MENU**.
- 2 Press **▼** until the display shows **2.Area code**, or press **2**.
The current area code is shown in the display.
- 3 Press **ERASE**.
- 4 Within 5 seconds, press **ERASE** again.
You hear a long beep and the area code is erased.
- 5 Press **END** or **MENU** to return to the standby mode.

Option list ▼=Next
2.Area code> 123 *=Change ▼=Next
ERASE again to confirm
2.Area code> *=Add ▼=Next

If you do not press the second **ERASE** within 5 seconds after the first, the area code will not be erased.

3) Clearing message indications

To turn off the V. MAIL indicator and clear "Check message" display that may remain after you retrieve the messages:

- 1 Press **MENU**.
- 2 Press **▼** repeatedly or press **3** to display **3. Clear Msg. Wtg.**
- 3 Press *****.
The display shows "Message cleared" for a few seconds.
- 4 Press **END** or **MENU** to return to the standby mode.

Option list ▼=Next
3. Clear Msg. Wtg. *=Clear ▼=Next
Message cleared - confirmed -

Programming your greeting display

Once programmed, your own greeting display appears when the telephone is in standby mode. The default display is **SANYO CALL MANAGER**. Your greeting can have up to 16 characters.

To program your greeting:

- 1 Press **MENU**.
- 2 Press **▼** until the display shows **4.Greeting**, or press **4**.
- 3 Press ***** to select "Change".
- 4 Press **#**.
- 5 Enter the first character using the dialing buttons.
(Example) Tom
[T]....Press **8**
[o]....Press **6** three times, **▼**, and then **#**.
[m]....Press **6** and **▼**.

Option list ▼=Next
4.Greeting *=Change ▼=Next
4.Greeting *=SANYO #=Custom

To  MEMO=OK

Rules for entering letters

- The character entry is only registered when you press another dialing button.
- To enter 2 letters from a same group (number button) in sequence, press **#** before entering the second letter.
- To write a lower case letter, press **▼** after entering the character.
- To erase a character, press **ERASE**.
- To insert a space, press *****.
- Refer to the character chart on the next page to find out how to enter other special characters.

- 6 Press **MENU**.
You hear a beep and the display confirms your entry.
After five seconds the display returns to **4.Greeting**.
- 7 Press **END** or **MENU** to return to the standby mode.

Tom - confirmed -

When the ringer volume for the handset is set to OFF, the standby mode display is **Ringer is OFF** regardless of your greeting selection (SANYO or Custom).

Character chart

Dialing button	Number of key presses						
	one	two	three	four	five	six	seven
1	.		&	(	)	/	1
ABC 2	A	B	C	2			
DEF 3	D	E	F	3			
GHI 4	G	H	I	4			
JKL 5	J	K	L	5			
MNO 6	M	N	O	6			
PRS 7	P	Q	R	S	7		
TUV 8	T	U	V	8			
WXY 9	W	X	Y	Z	9		
0	0						

- 5) Call Waiting OFF/ON selection
(Factory setting is ON. See page E29 "Call Waiting")

- 1 Press **MENU**.
- 2 Press **▼** until the display shows **5.C.WTG.ON**, or press **5**.
- 3 Press ***** to select "Change".
OFF Select this if you do not subscribe to Call Waiting.
ON Select this if you subscribe to Call Waiting.
- 4 Press **END** or **MENU** to return to the standby mode.

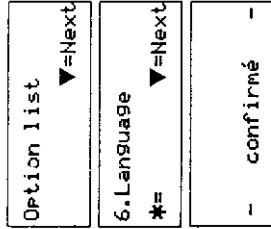
Option list ▼=Next
5.C.WTG.ON *=Change ▼=Next
5.C.WTG.OFF *=Change ▼=Next

Selecting the display language

The display language can be in English or Spanish.
(Factory setting is English)

To change language to Spanish

- 1 Press **MENU**.
- 2 Press **▼** until the display shows **6. Language**, or press **6**.
- 3 Press ***** to select Spanish.
- 4 Press **END** or **MENU** to return to the standby mode.

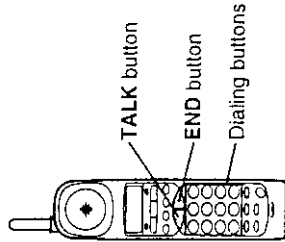


Placing a call

USING THE HANDSET

Make sure the handset **POWER** switch is **ON**.

- 1 Press **TALK** and listen for a dial tone.
- 2 Dial the number.
- 3 Press **END** to hang up.
(or return the handset to the base station.)



Press **END** during a call to switch to handsfree conversation using the handset speakerphone.
Press **TALK** to return to normal conversation using the earpiece receiver.

To adjust the volume

The handset has 3 volume levels **HIGH/MIDDLE/LOW**.
Press **▲** or **▼** during a call, to increase or decrease the level.

Note

The volume adjustment provides a minimum of 12 dB difference between the lowest and the highest levels.

40-CHANNEL ACCESS/AUTO SCAN

Every time you answer or place a call using the handset, this cordless telephone automatically selects a clear channel from 40 frequencies available to transmit signals between the base station and handset. If you notice interference during a call, simply press the **SCAN** button on the handset to access a clear channel. To stop scanning manually, press the **SCAN** button.

CALL TIMER

The call timer display appears 10 seconds after you begin a call using the handset. Timer count begins when the line connects between the handset and the base. Elapsed time appears in minutes and seconds.

ANSWERING WITH THE HANDSET

Make sure the handset **POWER** switch is **ON**.

When a call comes in, the handset rings.

The **IN-USE** indicator and the dialing keypad flash.

Press **(TALK)** or any key (except the **END** button) to answer the call.

If you press the **END** button, the ringing stops and incoming call is automatically placed on hold until you press any key (except the **END** button).

Press **(END)** to hang up, or place the handset in the base station cradle.

Light (Handset only)

The dialing keypad of the handset flashes when the phone rings, and lights up for 10 seconds when **(TALK)** or dialing button is pressed. Press dialing button any time to light it up again for 10 seconds during a call.

CAUTIONS:

Do not use this handset near water - for example, in a wet basement or near a bathtub, kitchen sink or swimming pool. Condensation will result in corrosion and cause malfunction.

Never spill liquid of any kind on the handset. Liquid corrosion may cause malfunction.

Operating the handset with hands soiled with cooking oil, machine oil, etc. or leaving the handset exposed to direct sunlight for extended periods can cause discoloration and fading of the handset keypad. Discoloration or fading will have no effect on the telephone performance.

Using the speakerphones

The CLT-9840 has two speakerphones--one on the handset and the other on the base station--which allow you to answer and place a call on either unit. Both speakerphones let you have handsfree phone conversation with no need to hold the handset.

BASE STATION

To place a call from the base station:

1 Press **(SPEAKER)** to get a dial tone.
The **SPEAKER** indicator lights.

2 Dial the number.

3 Press **(SPEAKER)** to hang up.

HANDSET

To place a call using the handset speakerphone:

1 Press **()** and listen for a dial tone.
The **()** indicator lights.

The display shows **handsfree**.

2 Dial the number.

3 Press **(END)** to hang up.

To answer a call at the base station:

1 Press **(SPEAKER)** to answer a call.
The **SPEAKER** indicator lights.

2 Press **(SPEAKER)** again to hang up.

To answer a call using the handset speakerphone:

1 Press **()**.
The **()** indicator lights.

2 Press **(END)** to hang up.

If the handset is on the base station, pressing **(TALK)** or any key also turns on the handset speakerphone.

To adjust the speaker volume:

Slide the **VOLUME** control forward you (LOW) or away from you (HIGH). This will also change the ringer volume level.

To adjust the speaker volume:

The handset speaker has 3 volume levels: HIGH/MIDDLE/LOW. Press **▲** or **▼** during a call to increase or decrease the level.

CAUTION

When using the handsfree handset speakerphone, keep the speaker (located on the back of the handset) away from your ear to prevent any damage to your ear.

A CLT-9840 enables you to take advantage of many call management services which are available through your telephone company. All services require a description from your telephone company. Availability and names of these services vary by region.

Caller ID

Once you subscribe to this service, the display shows the name and telephone number of the calling person before you pick up the phone. This way, you can screen calls when you are at home.

Alison McNab
416-421-8344

The information that appears on the display is kept in the callers list memory of your telephone whether you answer or not. The callers list holds information of up to 30 callers. You can view the list on the display by scrolling through it, and call back the caller shown on the list at the touch of a button. You can also transfer any number to the 30-number directory memory.

Neither caller's name or number is available, it will indicate the reason. This varies, depending on the type of call and where it originated. Some display examples are shown on the next page.

The caller information display remains until you hang up or press a dialing button. Caller information will not appear in the event of a power failure.

Calling services

Calling services have 13 useful services. You can ask your telephone company about more details.

Visual Call Waiting

With Visual Call Waiting service and your CLT-9840, you will not have to interrupt your conversation for every new incoming call. The phone's LCD display shows you who's calling, even when you are on the phone.

CALL DISPLAY EXAMPLES

When a call comes in, the display may show one of the following:

Alison McNab
416-421-8344

Caller name and number.

Alison McNab

Caller number is not available.

L 416-421-8344

Long distance caller. Caller name is not available.

Alison McNab
Long distance

Long distance caller.

Long distance

Long distance caller that cannot be identified.

Unknown caller

Call is from an area unable to provide the Caller ID service to your area.

Alison McNab
L Private number

Indicates that the number is suppressed at caller's request. L means long distance caller.

Private name
Private number

Indicates that the name and the number are suppressed at caller's request.

No information
available

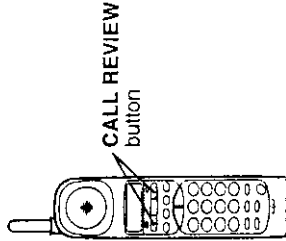
Indicates that your telephone could not read the number.

DISPLAY LANGUAGE

The display language is English or Spanish selectable. To change to another language, see page E18.

CALLERS LIST

The callers list memory stores information on your 30 most recent callers. When you begin reviewing the list, a callers header appears indicating how many new callers have been added since your last review and how many callers are saved on the list. If a call is received after 30 callers have already been stored, the oldest item is bumped (dropped from memory).



CALLERS LIST HEADERS

Press a CALL REVIEW (▲ or ▼) button once to display the header.

calls
new calls= 5
saved calls= 3
new calls= 2
saved calls= 3
new calls=1
saved calls=1

No callers stored in the list.

The callers list has five callers that have already been viewed.

The callers list has 2 new callers and 3 previously viewed callers (5 callers in total).

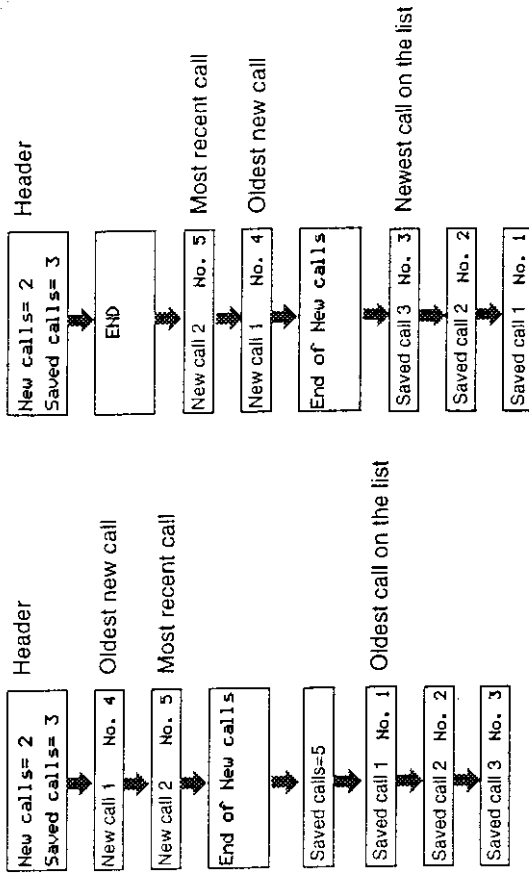
One new caller was received after the caller list memory saved 30 calls. The oldest item has been bumped from the list.

REVIEWING THE CALLERS LIST

- 1 Press a CALL REVIEW (▲ or ▼) button once to display a header.
- 2 From a callers list header display, you can...

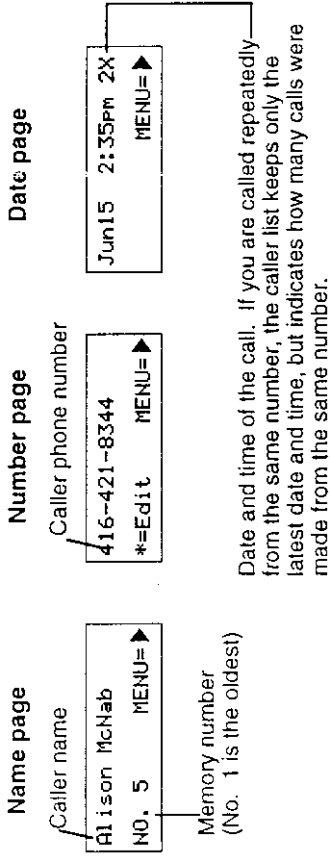


Press ▼ repeatedly to scroll the list starting from the oldest new call. Press ▲ repeatedly to scroll the list starting from the most recent caller.



You can press ▲ to scroll up or ▼ to scroll down any time while viewing the list. To exit the callers list, press END any time.

callers list displays caller information in 3 pages in sequence:



To move from page to page
Whenever press MENU (▶), move to name → number → date.

End of New calls

This appears when you have seen all the new calls received since your last review.

END

This indicates that you have now reviewed all items in the callers list memory. (If you press ▲, the display shows the last received item again.)

Once reviewed, callers are no longer listed as [New calls] but remain on the list. Information remains on display for about 45 seconds.

ERASING CALLER INFORMATION FROM THE CALLERS LIST

To erase one entry at a time:

- 1 Review the callers list by pressing a **CALL REVIEW** (▲ or ▼) button.
- 2 Press **ERASE** when the caller information you want to erase is on the display.
- 3 Within 5 seconds, press **ERASE** again.
The display changes to the next caller (or callers list heading).

Alison McNab No. 5	MENU=▶
ERASE again to confirm	
Tom Jacobs No. 6	MENU=▶

To erase all items in the callers list at once:

- 1 Press a **CALL REVIEW** (▲ or ▼) button once to display the callers list header.
- 2 Press **ERASE**.
- 3 Within 5 seconds, press **ERASE** again.
Callers list memory is now cleared.

New calls=02 Saved calls=03
ERASE again to confirm
No calls

DIALING FROM THE CALLERS LIST

- 1 Find the caller in the list by pressing a **CALL REVIEW** (▲ or ▼) button.
- 2 Press **MENU** to display the number.
- 3 Press **TALK**.
The number is dialed out automatically.

Alison McNab No. 5	MENU=▶
416-421-8344 *=Edit	MENU=▶
416-421-8344 CH11	

EDITING NUMBERS IN THE CALLERS LIST

To dial out a number in the callers list, you may have to edit it (add a [1] before a long distance number, for example).

Find the caller in the list by pressing a **CALL REVIEW** (▲ or ▼) button.

Press **MENU** to display the number page.

Press *****.
The first digit flashes.

Add a digit.

Press **TALK**.
The number is dialed out automatically.

The original number in the callers list remains unedited.
You can store an edited number in the Directory.
(see page E35)

Alison McNab No. 5 MENU=▶
416-421-8344 *=Edit MENU=▶
4164218344
14164218344
1-416-421-8344 CH17

SERVICES LIST

These services are accessible using the **SERVICE** button on the handset. You may modify certain entries as you choose.
Useful 10 services have already been preprogrammed in services list for you as follows:

1	1.Voice Mail No number	6	6.Call Forward 72#
2	2.Call Return *69	7	7.Cncl Call Fwd 73#
3	3.Busy Redial *66	8	8.Call Block *60
4	4.3-Way Calling F	9	9.VIP Alert *61
5	5.Cncl Call Wtg *70	10	10.SP1 Call Acpt *64

ORING SERVICE NAMES AND NUMBERS

oring services except "Call Forwarding" and "Cancel Call Forwarding"

Press **SERVICE**.

Press **MENU**.

Enter the service number using the dialing buttons,
REDIAL/P and **FLASH**.
 (Maximum of 16 digits)

Press **MENU** to save the service number.

Enter the service name using the dialing buttons.
 (Maximum of 13 characters)

Press **MENU**.
 You hear a beep, and the display shows **Saved in list**.
 After 5 seconds, the display shows the service name and number you entered.

1. Voice Mail No number
Enter number
*57 MEMO=Save
Enter name
Call Tracing MEMO=Save
Saved in list
11. Call Tracing

Note
 If you press **MENU** at step 2 when 19 services have already been stored, the display shows **Cannot Save** for 5 seconds and then returns to the last service name and number you entered.
 If you enter new service number, it is added next to last number you entered.

Storing "Call Forwarding" and "Cancel Call Forwarding"

1 Press **SERVICE**.

2 Press **MENU**.

3 Press **▲** or **▼** to display **[LED ON]**.

4 Enter the service number using the dialing buttons,
REDIAL/P and **FLASH**.
 (Maximum of 16 digits)

5 Press **MENU**.

6 Enter the name using the dialing buttons.
 (Maximum of 13 digits)
 (see pages E17-E18 for the details of entering name.)

7 Press **MENU**.

8 Enter the number using the dialing buttons,
REDIAL/P and **FLASH**.
 (Maximum of 16 digits)

9 Press **MENU**.

10 Enter the name using the dialing buttons.
 (Maximum of 13 digits)
 (see pages E17-E18 for the details of entering name.)

11 Press **MENU**.

You hear a beep, and the service name and number are stored now. After 5 seconds, the display shows **Call Forward**.

1. Voice Mail No number
Enter number
Enter number [LED ON]
72# MEMO=Save
Enter name [LED ON]
Call Forward MEMO=Save
Enter number [LED OFF]
73# MEMO=Save
Enter name [LED OFF]
Cncl Call Fwd MEMO=Save
Saved in list

Note
 If you press **MENU** at step 1 when "Call Forwarding" and "Cancel Call Forwarding" have already been stored, the display shows **Cannot Save**. After 5 seconds, the display returns to **Enter** number display, step 2.

ENTERING SERVICE NUMBERS FROM THE SERVICES LIST

- Press **SERVICE**.
- Press **▲** or **▼** to select the service number you want to erase.
- Press **ERASE**.
The display shows **ERASE** again to confirm for 5 seconds.
- Press **ERASE** again within 5 seconds at step 3.
You hear a beep, and the number is now erased.

1.Voice Mail No number
8.Call Block *60
ERASE again to confirm

delete both "Call Forwarding" and "Cancel Call Forwarding", just erase either one.

ENTERING SERVICE NAMES AND NUMBERS IN THE SERVICES LIST

- Press **SERVICE**.
- Press **▲** or **▼** to select the service you want to edit.
- Press **MENU**.
- Press **ENTER** to edit the service name.

Edit the service name using the dialing buttons.
(see pages E17-E18 for the details of entering name.)
Example VM

- Press **MENU**.
You hear a beep, and the name is saved. The display returns to the select mode, step 2.

- Press **MENU** to edit the number.

continued on next page.

- 8 Press **MENU**.
- 9 Press **ENTER** to edit the number.
- 10 Enter the number.
Example 1234567890
- 11 Press **MENU**.
You hear a beep, and the number is stored.

No number *Edit MENU=Name
1234567890
1.VM 123-456-7890

DIALING FROM THE SERVICES LIST

When the handset is idle:

- 1 Press **SERVICE**.
- 2 Press **▲** or **▼** to select the service you want to call.
- 3 Press **TALK** or **END**.
The number is dialed out automatically.

If the services list has no service numbers, the display shows
No entered for 5 seconds.

1.Voice Mail No number
8.Call Block *60
*60 CH14

When dialing in an outgoing call:

- 1 Press **SERVICE**.
- 2 Press **▲** or **▼** to select the service you want to call.
You cannot store, erase and edit anything at this time.
- 3 Press **TALK** or **END**.

Note

If the services list has no service numbers, the display shows No entered for 5 seconds.
When "Call Forwarding" setting is ON, if once you dial it out, IN-USE indicator flashes while the handset is idle.

1.Voice Mail No number
8.Call Block *60
*60 0:20

Visual Call Waiting service allows your handset to display the name of the second caller while you are on the phone. Subscription from your telephone company or P.B.X. system required to access Visual Call Waiting service.

use Visual Call Waiting service:

Subscribe to the service from your telephone company. Set the Optional Feature Menu, No.6 Call Waiting, to **ON**. (see page E17.)

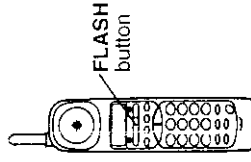
You hear a soft beep when a call comes in while you are already on the phone.

The display shows the caller name and telephone number and Call Waiting alternately.

Press **FLASH**.

The first caller is put on hold, and you can answer the waiting call.

Press **FLASH** again to talk to the first caller.



◆Bill Brown
123-456-7890

Call Waiting

◆Bill Brown
0:01

STORING A NUMBER IN THE DIRECTORY

The directory of this telephone stores up to 30 telephone numbers of a maximum of 16 digits (including pauses) into its memory. You can attach a name (up to 16 characters) to stored phone numbers.

To store a number:

1 Press **MEMO**.

The IN-USE indicator lights.

2 Dial the phone number you want to store.

3 Press **MEMO**.

4 Enter the name using the dialing buttons. (see pages E17 - E18 for the details of entering a name.)

5 Press **MEMO**.

The display shows the "Saved directory". You hear a beep, and the number is stored.

Note

- If you press **MEMO** at step 1 when 30 numbers have already been stored, the display shows "Directory full".
- To insert a 2-second pause between the two digits in a stored number (after 9 to get an outside line in PBX system, for example), press **REDIAL/P** after the first digit.

Enter number	Enter name	Saved directory
1234567890 MEMO=Save		
	54 MEMO=Save	

CALLING A NUMBER STORED IN THE DIRECTORY

To call a number stored in the directory

1 Press **DIRECTORY**.

2 Press a **CALL REVIEW** (**▲** and **▼**) button to scroll through the directory.

To find a name quickly using its first letter, press the number key that corresponds with the letter.

Example 1: To find a name starting with D, press **3** once. The display shows the first listing of the names starting with D.

Example 2: To find a name starting with E, press **3** twice.

3 Press **TALK**.

The number on the display is automatically dialed out.

ENTERING A NUMBER OF THE CALLERS LIST IN THE DIRECTORY

When the callers list is on the display:

Press a CALL REVIEW (▲ and ▼) button a few times to display the name you want to store.

Press (MEMO).

You hear a beep, and the display shows "Saved directory". After 5 seconds, the display returns to callers list.

When the number does not have a name:

Press a CALL REVIEW (▲ and ▼) button a few times to display the name you want to store.

Press (MEMO).

The display shows "Enter name".

Enter the name using the dialing buttons. (see pages E16 - E17)

Press (MEMO).

You hear a beep, and the display shows "Saved directory". After 5 seconds, the display returns to callers list.

ENTERING THE LAST NUMBER DIALED IN THE DIRECTORY

Press (REDIAL/P).

The display shows the last number you dialed.

Press (MEMO).

The display shows "Enter name".

Enter the name using the dialing buttons. (see pages E16 - E17)

Press (MEMO).

You hear a beep, and the display shows "Saved directory". After 5 seconds, the display returns to the number.

CONFIRMATION OF A DIRECTORY ENTRY

1 Press (DIRECTORY).

2 Press CALL REVIEW (▲ and ▼) button.

The display shows the names in alphabetical order.

Press the number key that corresponds with the first letter of the name you want to confirm.

Press (MENU) (▶) to switch between the name and number displays.

3 Press (DIRECTORY) or (END) to return to standby display.

DELETING AN ENTRY FROM THE DIRECTORY

1 Press (DIRECTORY).

2 Press the dialing buttons or a CALL REVIEW (▲ and ▼) button to display the name you want to erase.

3 Press (ERASE).

ERASE again
to confirm

4 Press (ERASE) again.

You hear a beep, and the entry is now erased from the directory.

speed dial (Base station only)

STORING A NUMBER IN THE SPEED DIAL MEMORY

The speed dial memory can store up to 10 numbers in the base station. Stored phone numbers can have a maximum of 16 digits including pauses.

store a number:

Press **(MEMORY)**.

The IN-USE indicator flashes.

Dial the phone number you want to store.

Press **(MEMORY)**.

Press a number button to assign a location number (0 - 9).

You hear a beep, and the number is now stored.

note

Insert a 2-second pause between two digits in a stored number (after 9 to get an outside line in a PBX system, for example), press **(REDIAL/P)** after the first digit.

DELETING A NUMBER STORED IN THE SPEED DIAL MEMORY

call a number stored in the memory

Press **(SPEAKER)**.

The **SPEAKER** indicator lights.

Press **(MEMORY)**.

Enter the location number (0 - 9).

The number is dialed out automatically.

DELETING A NUMBER FROM SPEED DIAL MEMORY

delete a number from the base station speed dial memory:

Press **(MEMORY)**.

The IN-USE indicator flashes.

Press **(MEMORY)** again.

Enter the location number (0 - 9).

You hear a beep, and the number is now erased.

E38

Hold (Base station only)

When a call is on hold, you and your caller cannot hear each other.

1 Press **(HOLD)** to place a call on hold.
SPEAKER indicator flashes.

2 Press **(HOLD)** again or **(SPEAKER)** to return to the call.

If a call is on hold for more than 5 minutes, the telephone automatically disconnects from the line.

Redial

You can automatically redial the last number called (after getting a busy signal, for example.) This CLT-9840 can redial a number of up to 16 digits.

BASE STATION

1 Press **(SPEAKER)** to get a new dial tone.

2 Press **(REDIAL/P)**.

The last number called from the base station is automatically dialed out.

HANDSET

1 Press **(TALK)** to get a new dial tone.

2 Press **(REDIAL/P)**.

The last number called from the handset is automatically dialed out.

ERASING A REDIAL NUMBER

BASE STATION

1 Press **(MEMORY)**.

2 Press **(MEMORY)** again.

3 Press **(REDIAL/P)**.

You hear a beep, and the number is now erased.

HANDSET

1 Press **(REDIAL/P)**.

2 Press **(ERASE)**.

3 Within 5 seconds, press **(ERASE)**.

The display shows the "Redial empty".

You hear a beep, and the number is now erased.

E39

predial feature allows you to key in a telephone number, verify it on the display and then dial it out. You can predial a number of up to 16 digits.

Dial the number when the handset is in the standby mode.

The number appears on the display.

Press **TALK** after you verify the number. The number is automatically dialed out.

You can also predial the number in the Redial memory and then dial it out.

Press **REDIAL/P** while the handset is in the standby mode.

The display shows the last number you dialed.

Press **TALK** after you verify the number. The number is automatically dialed out.

predialed number can be stored in the directory before you dial it out.

Dial the phone number you want to store.

Press **MEMO**

Enter the name you want to store using the dialing buttons. (Maximum of 16 characters)

Press **MEMO**

The display shows the "Saved directory". You hear a beep, and the name and number is now transferred to the directory.

1234567

TALK or MEMO

123-4567

CH17

123-4567

TALK or MEMO

123-4567

CH17

1234567

TALK or MEMO

Enter name

BILL

MEMO=Saved

Saved directory

FROM BASE STATION TO HANDSET

1 Base station:

Press **PAGE/INT** to page handset. The IN-USE and INTERCOM indicators flash.

Paging you

2 Handset:

Press **INT** or **TALK** and begin talking. The IN-USE indicator lights.

Intercom

CH 5

3 Handset:

Press **END** to turn off intercom.

If the handset does not answer within 20 seconds, the base station automatically returns to the standby mode.

FROM HANDSET TO BASE STATION

1 Handset:

Press **INT** to page the base station. The IN-USE indicator flashes.

Paging base

2 Base station:

A beep sounds, and the IN-USE and INTERCOM indicators light.

The base station user can begin talking.

Intercom

CH 5

3 Handset:

Press **END** to turn off intercom.

Handset user cannot use speakerphone for intercom conversation.

Transferring a call

A call can be transferred between the handset and the base station.

FROM BASE STATION TO HANDSET

Base station:

Press **PAGE/INT** to alert the handset user.
The call is put on hold.

The **IN-USE**, **INTERCOM** and **SPEAKER** indicators flash.

Paging you

Handset:

Press **INT** or **TALK** to answer
the base station.

The **IN-USE** indicator lights.

Intercom
0:10

Handset:

Press **TALK** to talk to the caller.

Base station automatically switches to standby mode.

0:11

If the handset does not answer, press **SPEAKER** to talk to the caller again.

FROM HANDSET TO BASE STATION

Handset:

Press **INT** to page the base station.
The call is put on hold.

Paging base

Base station:

A beep sounds, and the **IN-USE** indicator flashes and
INTERCOM indicator lights.

The base station user can answer the handset.

Intercom
0:10

Base station:

Press **SPEAKER** to talk to the caller.

Handset automatically turns off intercom mode, but the caller display remains until
the handset user hangs up.

If the base station does not answer, press **TALK** to talk to the caller again.

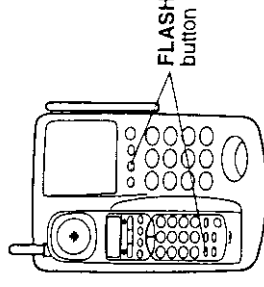
Handset cannot transfer a call if the handset speakerphone is in use.

E42

Flash button

If you subscribe to Call Waiting or Three-way Calling, read the information from your telephone company for the exact procedures.

Whenever it instructs you to press the **TALK** button, press **FLASH** instead.

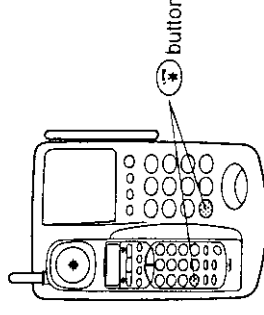


Temporary Touch-Tone dialing

Even if your home is equipped with pulse dialing and your phone is set to pulse mode, you may still change to Touch-Tone dialing temporarily. This allows you to access special services available to Touch-Tone lines (electronic banking systems and remote-control answering machines, for example).

- 1 Dial the number you want to call.
- 2 When your call is connected, press the **FLASH** button.

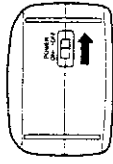
The telephone stays in tone mode until the call ends. Then it returns automatically to pulse mode.



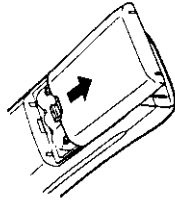
E43

Replacing the handset battery

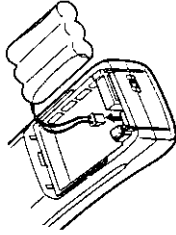
Set the **POWER** switch of the handset to **OFF**.



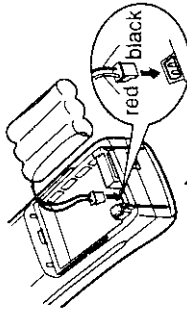
Slide the lid off the battery compartment.



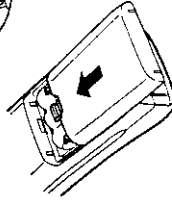
Unplug the battery cord, and remove the old battery.



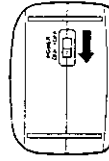
Plug in the cord of the new battery and place it in the compartment.



Replace the lid by sliding it up over the battery pack until it is firmly in place.



Set the **POWER** switch back to **ON**.



Replacement battery part number: **SANYO 3N-600AACL**
SANYO/GE GES-PCF01

CAUTION

Use of wrong battery may cause serious damage or malfunctions, and could invalidate warranty.

In the event of a power failure

Using four AA batteries (not supplied), the power-failure backup system allows you to continue using this cordless telephone (both handset and base) in the event of a power failure.

The backup time can last up to 20 hours in standby mode or 6 hours of talk time.

Note: The backup duration may be shorter when the backup batteries are not fresh or handset battery is not fully charged.

While the telephone is powered by the backup batteries, the following operations are not functional:

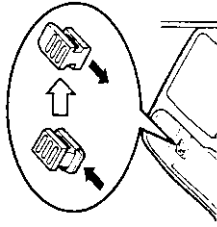
- Caller information will not appear.
- Callers List and Option List cannot be reviewed.
- Directory cannot be reviewed.

Display information

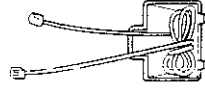
Base in use	The base station is in use.
Battery LOW	Handset needs recharging.
CHXX Scanning	Channel scanning taking place.
Check messages	You have new messages in the voice mail service.
Out of range	Handset is too far away from the base.
Try again	Handset may be too far from base. May be no AC power to base station. Check all connections.

Mount the base station on a wall:

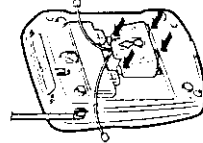
Remove the handset hanger from the base station, turn it upside down and then reattach it.



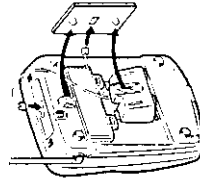
Tuck the telephone cord inside the wall mount bracket.



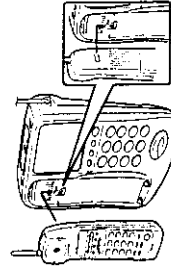
Insert the upper hooks of the wall mount bracket into the holes in the bottom of the base stations. Then push the bracket down firmly.



Connect the telephone cord to a wall phone plate (not supplied). Mount the base station on the wall phone plate, and seat it securely.

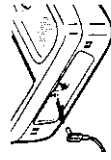


Hang the handset on the base station with keypad facing front.

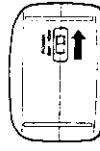


The security code system prevents other 900-MHz phone users from interfering with the operation of your unit. Since the security code of this telephone was selected from 1,000,000 different codes, it is virtually impossible to find any other cordless telephone having the same code as yours. However, if you wish to set your own security code, follow the steps below.

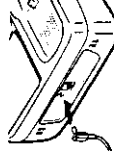
1 Disconnect the AC adaptor and remove backup battery.



2 Set the **POWER** switch of the handset to the **OFF** position.



3 Press and hold **(PAGE/INT)** on the base station and reconnect the AC adaptor. Release **(PAGE/INT)**.



4 While pressing **(END)** on the handset, set the **POWER** switch to **ON**. Release **(END)**.

Security code:
*-Change

5 Press **(*)** on the handset.

6 Enter the desired 6-digit number (000,000 - 999,999) using the dialing buttons on the handset.

999999 MEMO=OK

7 Press **(MEMO)** on the handset.
You hear long beeps from both handset and base station.
Your personal security code is now set.

999999
- confirmed -

8 Insert the backup battery.

Steps **4 - 8** must be performed within 90 seconds.
If not, five beeps sound to indicate that you should start again from step **1**.

phone does not work:

- AC adaptor may not be plugged into wall outlet.
- Handset battery may need recharging (**Battery LOW** appears in talk mode).
- Handset may be too far from base station.

communication range becomes shorter:

- Handset may need recharging.
- Base station antenna may not be extended to full length.

incoming calls do not ring on the handset:

- Handset is on the base station.
- Handset may be too far from base station.
- Handset ringer may be **OFF**. (See page E12).
- Handset **POWER** switch may be set to **OFF**.

numbers list and directory do not appear:

- Base station may be in use.
- Handset may be too far from the base.
- May be no AC power to base station.
- You may have a power failure.
- You have not subscribed to Caller ID service.

If phone still does not work, try resetting the base station and handset:

reset base station

- Remove the backup batteries. Disconnect and reconnect the AC adaptor.
- Then insert the backup batteries.

reset handset

- Set the **POWER** switch to **OFF** and then back to **ON**.
- Disconnect and then reconnect the handset battery.

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: CA11A

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:

The Federal Communications Commission (FCC) label identifies certified equipment. This certification means that the equipment meets certain telecommunications network protective, operational, and safety requirements. The FCC does not guarantee that the equipment will operate to the user's satisfaction.

Before installing this equipment, make sure that the local telephone company allows cordless telephone installation. The equipment must also be installed using an acceptable method of connection. In some cases, the telephone company's inside wiring, associated with a single-line individual service, may be extended by means of certified 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 maintenance facility designated by the supplier. Any repairs or alterations made by the user to this equipment, or equipment malfunctions, may cause the telephone company to request the user to disconnect the equipment.

For your own protection, you should ensure that the electrical ground connections of the power utility, telephone lines and internal metallic water pipe system, if present, are connected together (common ground connection). This precaution may be particularly important in rural areas.

CAUTION:

Users should not attempt to make common ground connections themselves. Contact the appropriate local electric inspection authority or electrician.

Federal Communications Commission Regulations

This unit has been approved by the FCC (Federal Communications Commission) as not being harmful to the telephone system when it is directly connected to the telephone line. This permits you to connect to the system without special interfacing or protective devices. In order to fully comply with the Rules of the FCC, read and follow the following instructions carefully and completely where applicable:

1. If requested by the telephone company, provide them with the following information:

- a) The telephone number to which the device is connected.
- b) The FCC REGISTRATION NUMBER and RINGER EQUIVALENCE NUMBER (found on the bottom of the unit).

TELEPHONE NUMBER

FCC REGISTRATION NUMBER

RINGER EQUIVALENCE NUMBER

NOTE:

When you connect additional phones to a single telephone line, the Ringer Equivalence Number (REN) will help you to determine the number of phones that can be connected. The total REN should not exceed five (5.0). When connecting more than one telephone to a single telephone line, there are cases where your telephones do not ring even when the REN is less than five (for example, three). This often happens in areas far from the telephone company. In that case, please contact your telephone company and ask to have your telephone line's REN changed to a level at which the ringers of your telephones operate normally.

IMPORTANT: CONNECTIONS TO PARTY LINES AND COIN PHONES ARE PROHIBITED.

2. Hearing-Aid Compatibility

This unit is hearing-aid compatible.

FCC rules prohibit the use of non-hearing-aid compatible telephones in the following locations or applications:

- a) Any public or semipublic location where coin operated or credit card telephones may be found.
- b) Elevators, highways and tunnels (automobile, subway, railroad or pedestrian) where a person with impaired hearing might be isolated in an emergency.
- c) Places where telephones are specifically installed to alert emergency authorities such as fire, police or medical assistance personnel.
- d) Hospital rooms, residential health care facilities, convalescent homes and prisons, specifically where telephones are used for signaling life-threatening or emergency situations if alternative signaling methods are not available.
- e) Workstations for hearing impaired personnel.
- f) Hotel, motel, apartment lobbies; in stores where telephones are used by patrons to order merchandise; in public transportation terminals where telephones are used to call taxis, or to reserve lodging or rental automobiles.
- g) Hotel and motel rooms. (At least ten percent of the rooms must contain hearing-aid compatible telephones; or contain jacks for plug-in hearing-aid compatible telephones which will be provided to hearing impaired customers upon request.)

3. In case of malfunction:

Although it is not likely, if your unit malfunctions, disconnect it from the telephone line until proper repairs are completed. The unit has been approved as not being harmful to the telephone system and there is no reason why it should cause any harm. However, if for whatever reason harm is caused, your telephone company may temporarily disconnect your phone service. They are required by law to give you advance notice of this unless

circumstances cause it to be impractical to do so. If circumstances cause them to temporarily disconnect your phone service without prior notice, they are then required:

- To promptly notify you and to give you an opportunity to correct such a problem.
- To advise you of your right to file a complaint with the FCC against them.

Repair Service:

According to FCC regulations, this unit, which has been approved by the FCC, may only be repaired by authorized persons. If repairs or adjustment are made by unauthorized persons, the FCC approval may be voided.

Should your system require repair, contact your nearest Service Station. For warranty and service information, please see the Sanyo Limited Warranty.

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 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.

Information to user

Changes or modifications not expressly approved by Sanyo may void the user's authority to operate this equipment.

WHEN PROGRAMMING EMERGENCY NUMBERS AND/OR MAKING TEST CALLS TO EMERGENCY NUMBERS:

- Remain on the line and briefly explain to the dispatcher the reason for the call before hanging up.
- Make test calls only in the off-peak hours, such as early morning hours or late evenings.

SANYO CORDLESS TELEPHONE MODEL CLT-9840 LIMITED WARRANTY

OBLIGATIONS

In order to obtain warranty service, the product must be delivered to and picked up from an Authorized Sanyo Factory Service Center at the user's expense, unless specifically stated otherwise in this warranty. The names and addresses of Authorized Sanyo Service centers may be obtained by calling the toll-free number listed below:

For product operation, authorized service center referral, service assistance or problem resolution, call

CUSTOMER INFORMATION 1-800-421-5013

Weekdays 8:00 AM - 5:00 PM Pacific Time

For accessories and/or parts not available from an authorized dealer, call

PARTS ORDER INFORMATION 1-800-726-9662

Weekdays 8:00 AM - 5:00 PM Pacific Time

THIS WARRANTY IS VALID ONLY ON SANYO PRODUCTS PURCHASED OR RENTED AND USED IN THE UNITED STATES OF AMERICA, EXCLUDING ALL U.S. TERRITORIES AND PROTECTORATES.

THIS WARRANTY APPLIES ONLY TO THE ORIGINAL RETAIL USER, AND DOES NOT APPLY TO PRODUCTS USED FOR ANY INDUSTRIAL, PROFESSIONAL OR COMMERCIAL PURPOSE. THE ORIGINAL DATED BILL OF SALE, SALES SLIP OR RENTAL AGREEMENT MUST BE SUBMITTED TO THE AUTHORIZED SANYO SERVICE CENTER AT THE TIME WARRANTY SERVICE IS REQUESTED.

Subject to the OBLIGATIONS above and EXCLUSIONS below, SANYO FISHER COMPANY (SFC) warrants this SANYO product against defects in materials and workmanship for the periods of LABOR and PARTS specified below. SFC will repair or replace (at its option) the product and any of its parts which fail to conform to this warranty. The warranty period commences on the date the product was first purchased or rented at retail.

LABOR	PARTS
1 YEAR	1 YEAR

EXCLUSIONS

This warranty does not cover (A) the adjustment of customer-operated controls as explained in the appropriate model's instruction manual, or (B) the repair of any product whose serial number has been altered, defaced or removed.

This warranty shall not apply to the cabinet or cosmetic parts, antenna, knobs, batteries or routine maintenance.

This warranty does not apply to uncabling, setup, installation, removal of the product for repair or reinstallation of the product after repair.

This warranty does not apply to repairs or replacements necessitated by any cause beyond the control of SFC including, but not limited to, any malfunction, defect or failure caused by or resulting from unauthorized service or parts, improper maintenance, operation contrary to furnished instructions, shipping or transit accidents, modification or repair by the user, abuse, misuse, neglect, accident, incorrect line voltage, fire, flood or other Acts of God, or normal wear and tear.

The foregoing is in lieu of all other expressed warranties and SFC does not assume or authorize any party to assume for it any other obligation or liability.

THE DURATION OF ANY WARRANTIES WHICH MAY BE IMPLIED BY LAW (INCLUDING THE WARRANTIES OF MERCHANTABILITY AND FITNESS) IS LIMITED TO THE TERM OF THIS WARRANTY. IN NO EVENT SHALL SFC BE LIABLE FOR SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING FROM OWNERSHIP OR USE OF THIS PRODUCT, OR FOR ANY DELAY IN THE PERFORMANCE OF ITS OBLIGATIONS UNDER THIS WARRANTY DUE TO CAUSES BEYOND ITS CONTROL.

SOME STATES DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS AND/OR DO NOT ALLOW THE EXCLUSION OR LIMITATION OF CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATIONS AND EXCLUSIONS MAY NOT APPLY TO YOU.

THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS. YOU MAY HAVE OTHER RIGHTS, WHICH VARY FROM STATE TO STATE.

ATTENTION

For your protection in the event of theft or loss of this product, please fill in the information below for your own personal records.

Model No. _____

Serial No. _____

(Located on back or bottom side of unit)

Date of Purchase _____

Purchase Price _____

Where Purchased _____

E52

E53