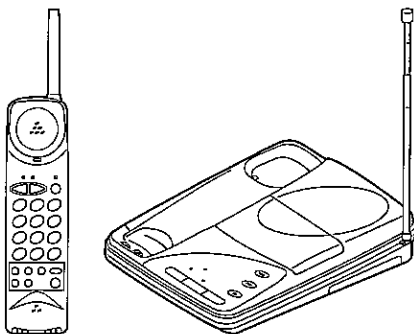


INSTRUCTION MANUAL

CLA-1080AUS

Cordless Telephone/Answering System



Please read these instructions completely before use. If you have a problem with your cordless telephone/answering system, please see "TROUBLESHOOTING" on pages 39 and 40 before calling for service.

CAUTION

**THIS PRODUCT IS INTENDED FOR USE IN AUSTRALIA ONLY.
SALE OR USE IN OTHER COUNTRIES MAY VIOLATE LOCAL LAWS.**

IMPORTANT!

HANDSET BATTERY PACK

Charge the handset battery pack for a full 12 hours before using your cordless phone for the first time. (See pages 6 - 8.)

SECURITY CODE

A security code is set automatically the first time the handset is placed in the base station cradle. When the code is set, an audible tone sounds.

The security code must be reset if the battery pack is replaced or the power is interrupted. (See page 12.)

RINGER SWITCH

If the RINGER switch is set to the off position, no ring is heard when an incoming call is received. (See page 15.)

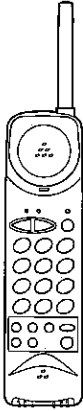
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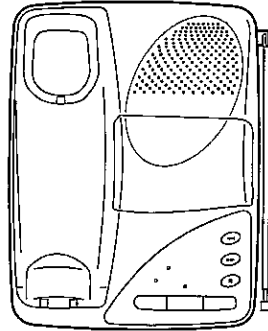
UNPACKING

Check the items included in the box with the list below. If any accessories are missing, contact your dealer immediately.

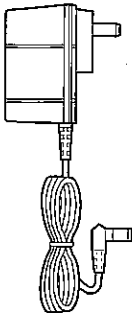
Handset



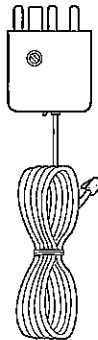
Base Station



AC Adaptor



Telephone Cord



Number Memory Index Sheet

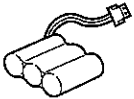
SPEED DIAL	
M1	
M2	
M3	
M4	
M5	
M6	
M7	
M8	
M9	
M10	

SPEED DIAL	
M1	
M2	
M3	
M4	
M5	
M6	
M7	
M8	
M9	
M10	

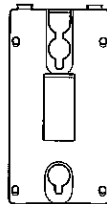
Model No. KR0617
INPUT: AC 230 ~ 240 V, 50 Hz
OUTPUT: DC 9 V, 350 mA
Polarity: Center Negative



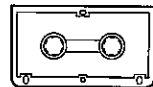
**Battery Pack
3N-270AA**



Wall Mount Hanger



**Message Tape
(Microcassette)**



INTRODUCTION

Thank you for purchasing the Sanyo CLA-1080AUS.

The Sanyo CLA-1080AUS is a cordless telephone and answering system in one compact unit and has many convenient features.

- **10-Channel Scan** - If noise or other interference occurs during a conversation, press the CHANNEL button to select a different channel. (See page 20.)
- **10-Number Auto Dial** - You can store up to 10 frequently called numbers for easy recall. Once stored, these numbers can be dialed by using the MEMORY button and the 0-9 buttons on the handset. (See page 22.)
- **Outgoing Message (OGM) Recording** - Your outgoing message, which asks callers to leave a message, is recorded on a microcassette tape. Your outgoing message can be simply recorded from the handset.
- **Remote Message Retrieval** - You can retrieve your incoming messages from another location using any touch-tone telephone which has a "continuous tone" signal. (See page 31.)
- **Switchable Tone/Pulse Dialing** - The CLA-1080AUS can be operated on tone or pulse dialing systems. When used with pulse dialing telephone lines, you can dial a number, then switch to tone dialing temporarily to access answering machines by remote control, or to access special telephone services such as electronic banking.

This SANYO cordless telephone/answering system is Hearing-Aid compatible.

Notice:

This unit uses radio communication between the handset and the base unit and may not ensure privacy of communication. Other devices, including other cordless telephones, may interfere with the operation of the cordless telephone section of this unit or cause noise during operation. Cordless telephones must not cause interference to any licensed radio service.

HOW TO GET THE BEST PERFORMANCE

Please read these hints carefully to get the best performance from your cordless telephone.

Rechargeable battery

- Charge the rechargeable battery for a **full 12 hours** before using the cordless telephone for the first time. (See page 8.)
- Clean the battery charging terminals on the handset and the base station **once a month** by wiping them with a soft cloth moistened lightly with isopropyl alcohol.

Handset battery life

Please note that the handset battery life may vary based upon the usage of your cordless telephone. Listed below is the approximate time in each mode based upon the battery being in a fully charged condition.

- In talk mode: Up to about 6 hours
- In standby mode: Up to 3 weeks

Security code

This cordless telephone has a digital security system with 65,536 possible codes. This system helps to prevent unauthorized use of your telephone line by another cordless telephone.

If you hear a high-pitched beep tone, or no dial tone, this means that the security code has been lost. If this occurs, reset the security code as described on page 12.

- If a power failure occurs, or if the battery is replaced, the security code must be reset. (See page 12.)

Operating range

The operating range may vary depending on the operating conditions, location and distance between the base station and the handset. For the best possible performance, locate the base station in the **highest** room feasible in your home or office, and as close to the **center** of the desired operating area as possible.

For the best performance under normal operating conditions, extend the base station antenna fully.

Since cordless telephones use radio frequencies for communication, certain obstacles between the base station and the handset may reduce the operating range.

The following are some examples.

- Concrete walls
- Tile walls (typically used in bathrooms)
- Large metal objects (such as refrigerators, metal cabinets, etc.)
- Metal shielding inside of walls
- Metal fences
- Objects which obstruct radio frequencies

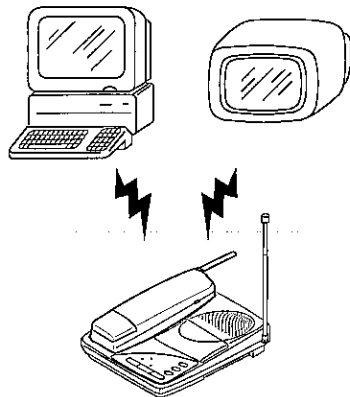
NOTE: If you are beyond the operating range of the telephone, the END button or CHANNEL button does not operate properly. If this occurs, move closer to the base station and try again.

Interference

If you have more than one cordless telephone in your home or office, we recommend that you separate the telephones from each other as much as possible to avoid interference. If interference does occur, change the operating channel on one of the telephones by pressing the **CHANNEL** button, or lower the base station antenna, thereby reducing its range.

Noise

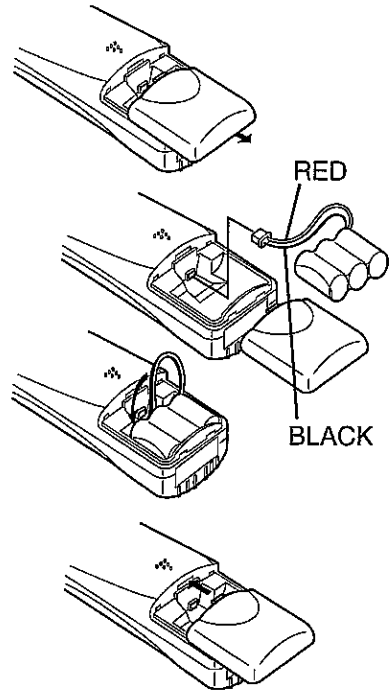
Electrical pulse noise is present in most homes at one time or another. This is most intense during electrical storms. Certain kinds of electrical equipment such as TVs, fluorescent lamps, halogen lamps, microwave ovens, light dimmers, motors, fans, etc., also generate noise pulses. Because radio frequency transmissions are susceptible to these pulses, on occasion you may hear them in your handset. Generally they are a minor annoyance and should not be interpreted as a defect in your system.



INITIAL SETUP

INSTALLING THE BATTERY PACK

1. Remove the battery compartment lid.
2. Plug the battery pack cord into the connector inside the battery compartment. Place the battery pack in the battery compartment.
3. Replace the lid by sliding it up over the pack until it is firmly in place.



NOTE:

- When you replace the battery pack, press the END button before step 1 above.
- If the battery pack is replaced, the security code and any stored numbers are cleared.

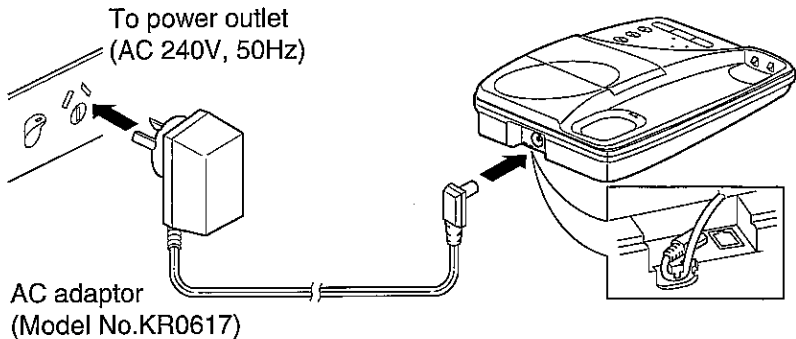
INITIAL SETUP (continued)

AC CONNECTION

1. Insert the small plug on the end of the AC adaptor cord into the 9V DC jack on the back of the base station.
2. Plug the AC adaptor into an AC wall outlet.

NOTE:

If 6 long beeps sound when the AC connections are made, the message tape has not been inserted.



NOTE:

**USE ONLY SANYO AC ADAPTOR MODEL NO. KR0617
(APPROVAL NO. Q94113)**

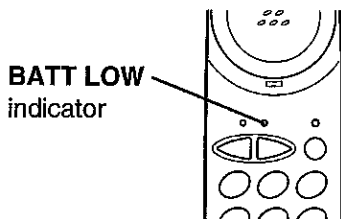
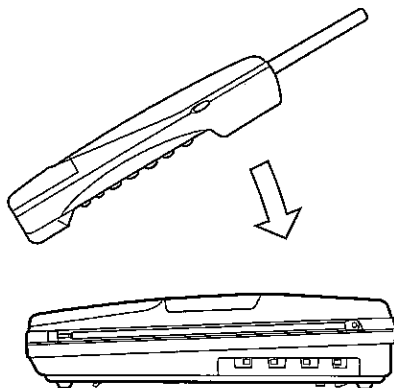
INITIAL SETUP (continued)

CHARGING THE BATTERY PACK

IMPORTANT NOTE:

The battery pack must be charged for a full 12 hours before the cordless phone is used for the first time. Do not use the phone before charging the battery pack.

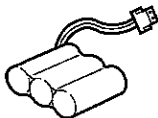
1. Place the handset on the base station and charge it for a full 12 hours. The CHARGE indicator lights.
 2. In order to verify that the handset battery is fully charged...
 - a) Remove the handset from the base station
 - b) Check to see that the **BATT LOW** indicator is off
- Note:**
If the **BATT LOW** indicator lights, even after charging for a full 12 hours, refer to the troubleshooting guide on page 39.
- c) After initial setup, recharge the handset battery by placing it on the base station cradle whenever the **BATT LOW** indicator lights.



Replacement battery packs are available from an authorized Sanyo service center.

Replacement battery pack part number: SANYO 3N-270AA

Use of other brand or type batteries may cause serious damage or equipment malfunctions.



SANYO 3N-270AA

NOTE:

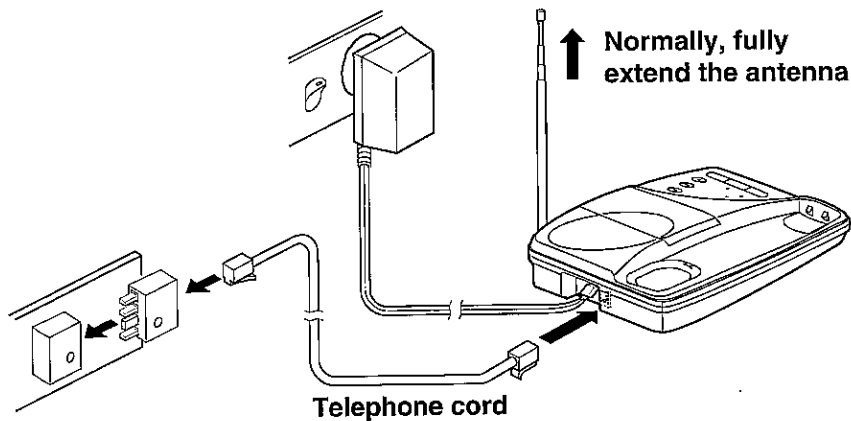
When batteries are discharged, they must be disposed of in a safe manner that complies with all applicable laws.

INITIAL SETUP (continued)

PHONE LINE CONNECTION

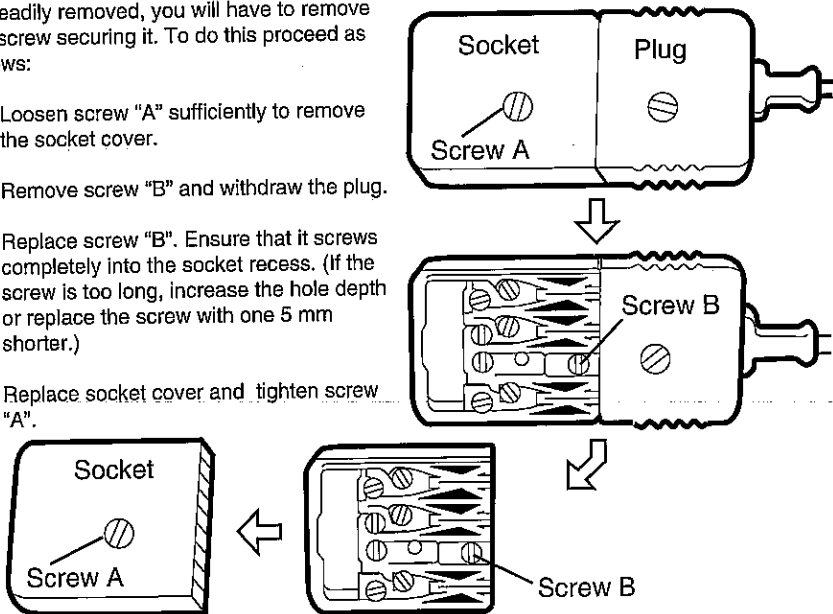
Note:

Please make sure that the handset battery is fully charged before connecting the phone line cable.



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

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

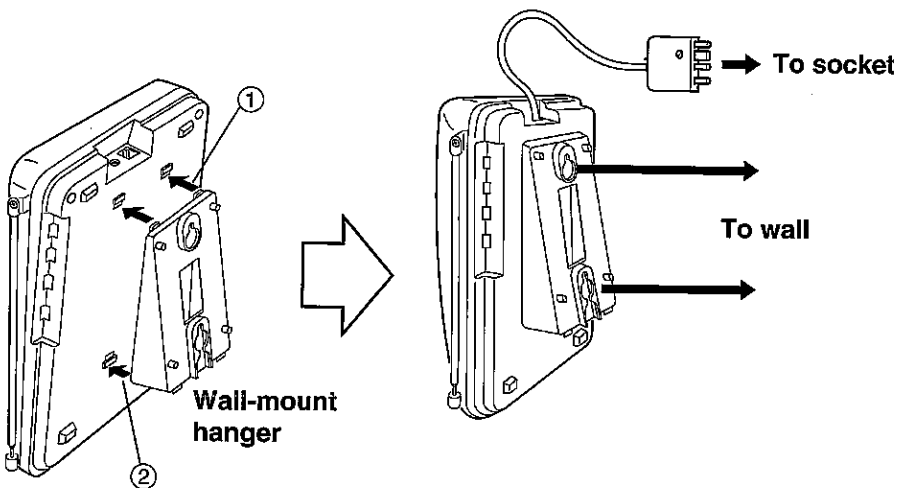


INITIAL SETUP (continued)

WALL MOUNTING (if desired)

To mount the base station on a wall

1. Insert the hooks of the hanger in the holes ① in the back of the base station. Then push them in the direction of arrow ② as shown.
2. Connect a short modular telephone cord (not supplied) to the wall plate.
3. Mount the base station on the wall phone plate and seat it securely.



Notes:

- This cordless telephone may not be compatible with certain multiple line PBX systems.
- Avoid locations near electrical equipment such as computers, TVs, fluorescent lamps, halogen lamps or microwave ovens. These may cause interference or reduce the operating range of the cordless telephone.

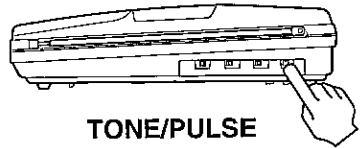
Ringer Equivalence Number: 0.2

INITIAL SETUP (continued)

CORDLESS TELEPHONE

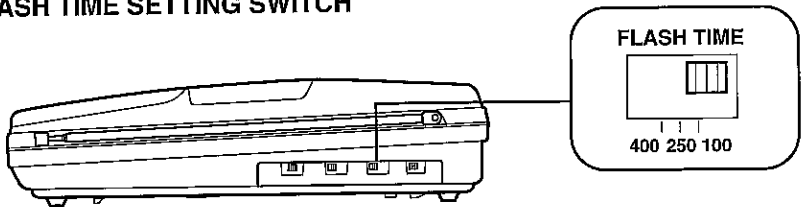
DIALING SYSTEM

Set the TONE/PULSE switch to **TONE** if your telephone line has **touch tone** service. If it has **rotary** service, set the switch to **PULSE**. If you do not know which system is in use, ask your phone company.



TONE/PULSE
switch

FLASH TIME SETTING SWITCH



You can set the FLASH TIME (100, 250 and 400 msec) depending on your PBX phone system.

NOTES:

- There are three choices available, 100, 250 and 400 msec.
- The timing of FLASH signal is preset to "100 msec".
- Please use a pointed end such as a pen.

INITIAL SETUP (continued)

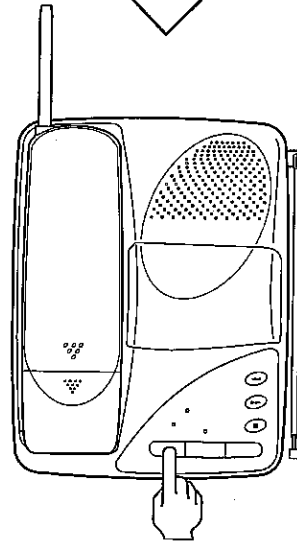
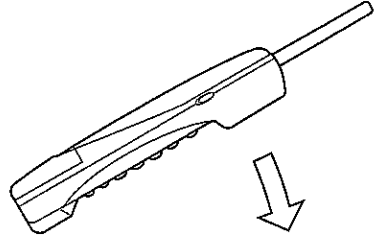
SECURITY CODE

The CLA-1080AUS has a digital security system with 65,536 possible codes. This system helps prevent the unauthorized use of your telephone line by another cordless telephone user.

How to reset your security code

1. Place the handset in the cradle of the base station.
2. Press the PAGE button on the base station (within 3 seconds). A beep sounds. The security code is now set.

To change your security code at any time, simply repeat the above steps. A new security code is automatically set each time.



PAGE button

NOTES:

- The security code will be cleared if;
 - There is a power failure.
 - The battery pack is changed.
 - The battery pack is exhausted.
 - The AC adaptor is disconnected.
- If the security code has been cleared, calls cannot be made until the code is reset.
- If you have difficulty resetting the security code, please refer to "TROUBLESHOOTING" on page 39.

INITIAL SETUP (continued)

ANSWERING SYSTEM

CPC ON/OFF

The telephone systems in many areas provide a disconnect pulse when a caller hangs up. If the CPC/ANS.ONLY switch (located on the side of the base station) is set to CPC ON, the CLA-1080AUS stops recording and returns to the auto answer mode when this disconnect pulse is received. This eliminates annoying recordings of dial tones between messages. The CPC/ANS.ONLY switch should be kept in the **CPC OFF** position if:

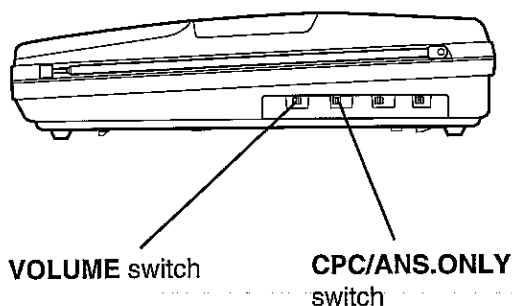
- Your telephone is equipped with **CALL WAITING** service
 - You have a **noisy telephone exchange**
- (If the switch is not in the CPC OFF position, your calls may be disconnected prematurely.)

ANSWER ONLY

If you do not want messages to be received and recorded, set the switch to the ANS.ONLY position. The unit then plays your outgoing message but does not record incoming messages. In this case, change your outgoing message accordingly.

VOLUME SWITCH

Set the VOLUME switch to the correct position (HI/MID/LOW) to give you the desired sound level.



INITIAL SETUP (continued)

RECORDING AN OUTGOING MESSAGE (From the Handset)

Before you record your outgoing message, decide what you are going to say and write it down.

IMPORTANT:

When the answering machine is activated, the caller will hear your outgoing message, then a series of **short beep tones** while the blank portion of the message cassette is located. Your outgoing message should instruct the caller to wait for the **long beep tone** which indicates that the answering system is ready to record the next incoming message.

SAMPLE OUTGOING MESSAGE

"Hello. This is (your name). Please leave your name, telephone number and a brief message, and your call will be returned as soon as possible. **You will hear a series of short beep tones, followed by one long beep tone.** You may leave your message at the end of the long beep tone."

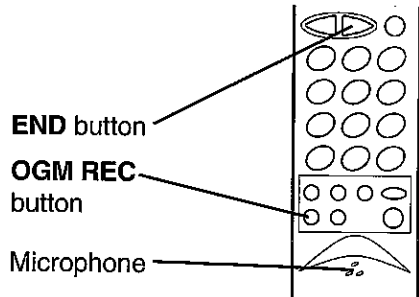
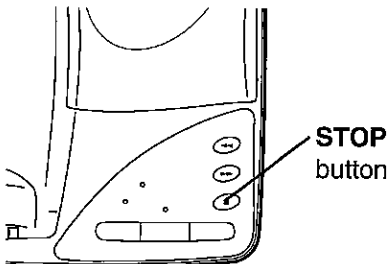
NOTE: The message tape must be inserted before an outgoing message can be recorded.

To record an outgoing message

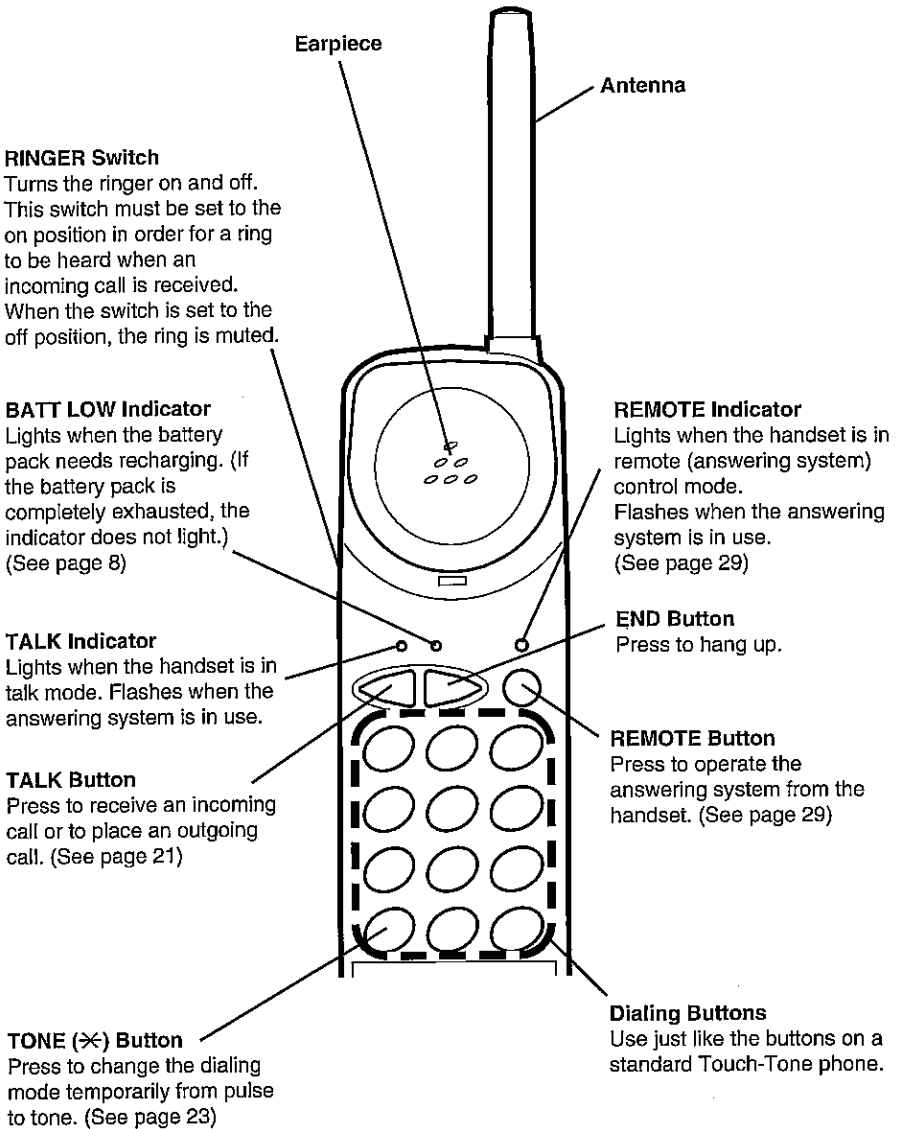
1. Press the STOP button on the base station.
2. Press the END button on the handset.
3. Press and hold the OGM REC button on the handset until you hear a series of short beep tones.
4. After the long beep tone, speak into the microphone on the handset.
5. Press the OGM REC button again to end recording.

NOTE:

- Your outgoing message can be up to approximately 30 seconds in length.
- If you attempt to record an outgoing message more than 30 seconds in length, the answering system automatically stops recording and enters the auto answer mode.
- When outgoing message recording is completed, the unit switches to the auto answer mode automatically. If you want to cancel the auto answer mode, press the STOP button on the base station.



HANDSET CONTROLS



HANDSET CONTROLS (continued)

MEMORY Button

Press to store phone numbers in memory or to recall a stored phone number. (See page 22)

FLASH Button

Used to access CALL WAITING services offered by your phone company.

OGM (Outgoing Message) REC Button

Press to record your outgoing message. (See page 14)

MEMO REC Button

Press to record your memo message. (See page 35)

REDIAL/P Button

Press to redial the last number dialed. If you press any other dialing button before pressing this button, it functions as a pause button. (See page 23)

CHANNEL Button

Press to change the channel if you hear noise or interference during a call. (See page 20)

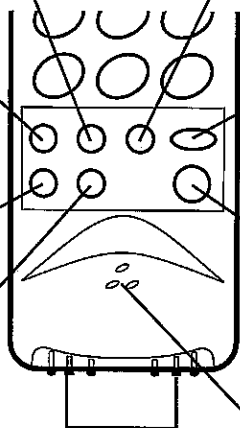
VOLUME Button

Used to change the receiving level (normal or loud) from the handset speaker. (See page 21)

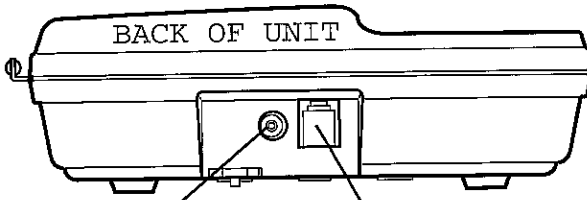
Microphone

Contact Points

For battery pack charging.

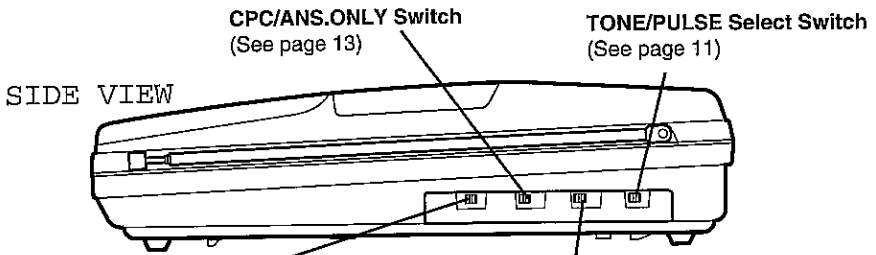


BASE STATION CONTROLS



AC Adaptor Jack (DC 9V)
(See page 7)

Modular Telephone Jack (TEL LINE)
(See page 9)



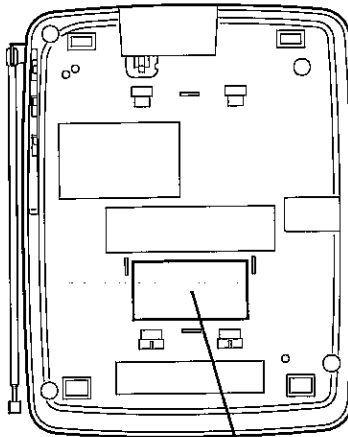
CPC/ANS.ONLY Switch
(See page 13)

TONE/PULSE Select Switch
(See page 11)

VOLUME Switch
Adjusts the sound level from the base station speaker. (See page 13)

FLASH TIME Setting Switch
Set the FLASH TIME (100, 250 and 400 msec) depending on your PBX phone system. (See page 11)

BOTTOM VIEW



Remote Access Code Number Label

BASE STATION CONTROLS (continued)

Cassette Compartment Lid

CHARGE Indicator

Lights when the handset battery pack is being recharged in the base station cradle.

IN USE Indicator

Lights when the handset is in talk mode or the answering system is in use.

ANSWER SET Indicator

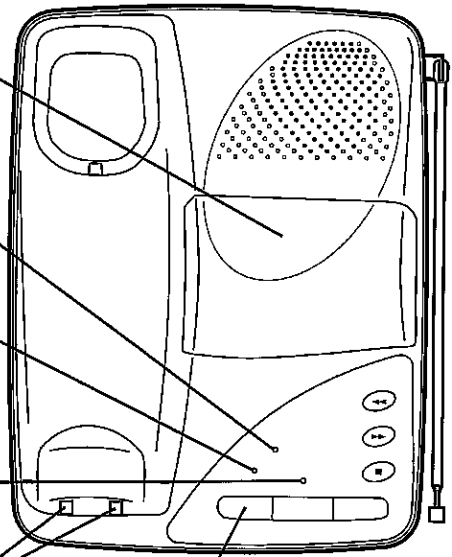
Lights when the unit is in the auto answer mode. Flashes to indicate the number of messages (including memos) received (to a maximum of 15).

Contact Points

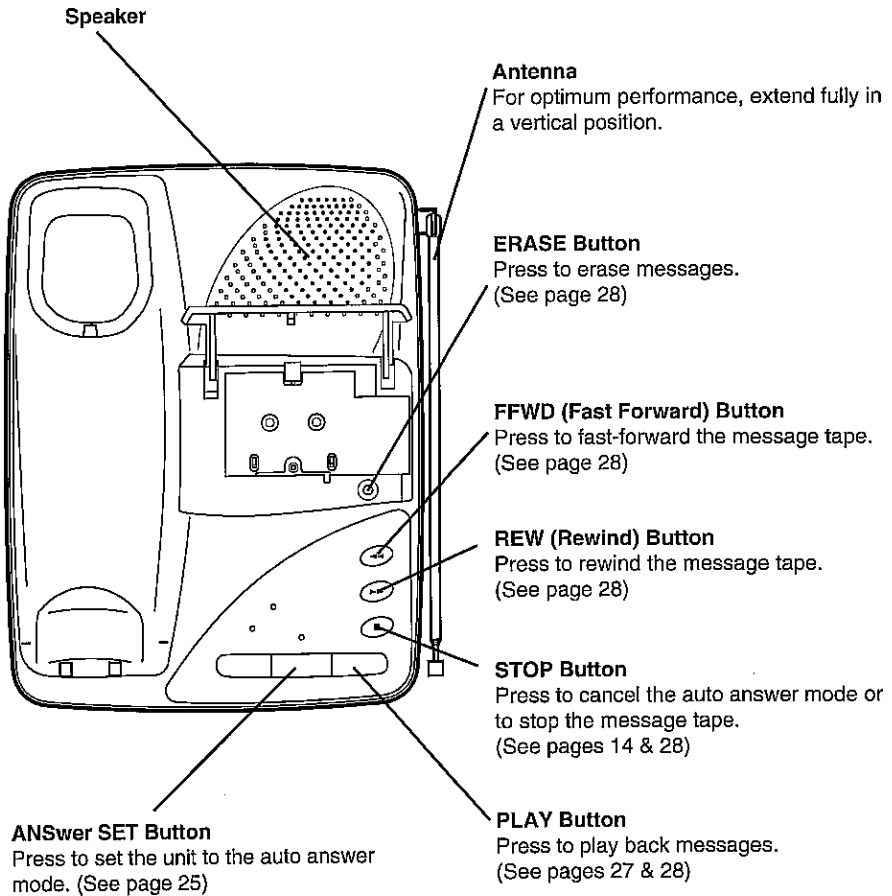
For charging the battery pack.

PAGE Button (HANDSET LOCATOR)

Press to page the handset user. Also used to reset the cordless telephone security code. (See page 24)



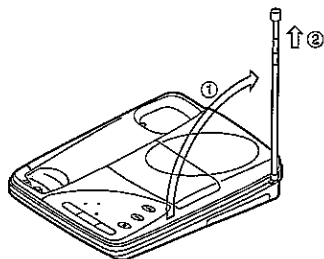
BASE STATION CONTROLS (continued)



CORDLESS TELEPHONE OPERATION

BEFORE MAKING A CALL

1. Fully extend the antenna on the base station.
2. Take the handset to the desired location.
3. Press the TALK button. Make sure that you get a dial tone and the TALK indicator lights.
4. Make a call.
5. Press END to return the handset to the standby mode.



NOTE:

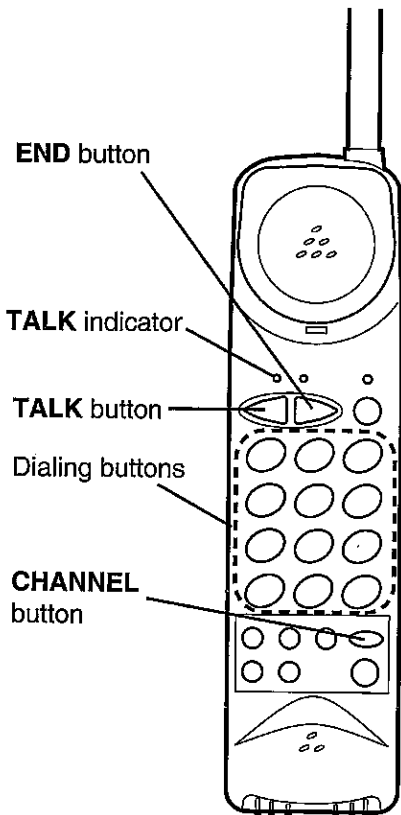
If the phone does not work properly, check the system connections and the operating range. (If the BATT LOW indicator is lit, charge the handset.) See page 8.

10-CHANNEL ACCESS

The CLA-1080AUS is capable of operating on 10 different channels. If you experience interference during a call, simply select a different channel by pressing the CHANNEL button.

NOTE:

When there is excessive signal noise or interference, pressing the CHANNEL button may not improve signal quality. If conversation becomes impossible, follow the instructions below:



1. Place the handset in the cradle of the base station.
2. Lift the handset and press the END button.
3. Press the CHANNEL button.
4. Reset the security code. (See page 12.)

CORDLESS TELEPHONE OPERATION

ANSWERING AN INCOMING CALL

When a call comes in, the TALK indicator flashes.

1. Press the TALK button (or pick up the handset from the base station).
2. Talk.
3. Press the END button to hang up (or return the handset to the base station).

NOTES:

- If the RINGER switch is set to the off position, no ring is heard when an incoming call is received.
- The cordless handset may ring slightly after a corded telephone connected to the same phone line.
- If the handset is too far away from the base station, pressing END may not hang up a call. If this happens, come closer to the base station and press END, or return to the base station and place the handset in the base station cradle.

RECEIVING LEVEL CONTROL (Handset only)

If it is difficult to hear the caller's voice, press VOL once to make it louder.

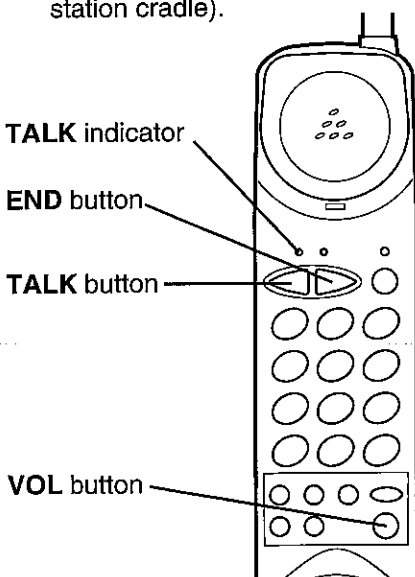
- To return to the normal level, press VOL again.
- The receiving level selected remains even if the call is terminated.

AUTO STANDBY

After finishing a call, you can hang up by returning the handset to the base station cradle. The handset automatically switches from talk mode to standby mode. This feature lets you use the handset like a regular corded telephone (without pressing the END button). To answer the next call, simply pick up the handset and talk.

PLACING A CALL

1. Press TALK. The TALK indicator lights.
2. Dial the number you want to call.
If you make an error in dialing the number, press END, then press TALK to get a dial tone.
3. Press END to hang up (or return the handset to the base station cradle).



CORDLESS TELEPHONE OPERATION

AUTODIAL

You can store up to 10 frequently called phone numbers in the CLA-1080AUS's memory. Stored phone numbers can include pauses where necessary. (See below.)

To store numbers

1. Press the END button.
2. Press the MEMORY button. The TALK indicator flashes.
3. Dial the phone number you want to store.
4. Press MEMORY.
5. Press a number button to designate an index number (0-9). A beep sounds. The phone number is now stored in the CLA-1080AUS's memory.
6. Write the stored phone number on the supplied index sheet.
7. Repeat steps 2-6 above to store other numbers or to change previously stored numbers.

- The number storing process can be stopped by pressing the END button before performing step 5.
- To clear a number stored in the memory, press the MEMORY button twice and then press the assigned index number (0 ~ 9).

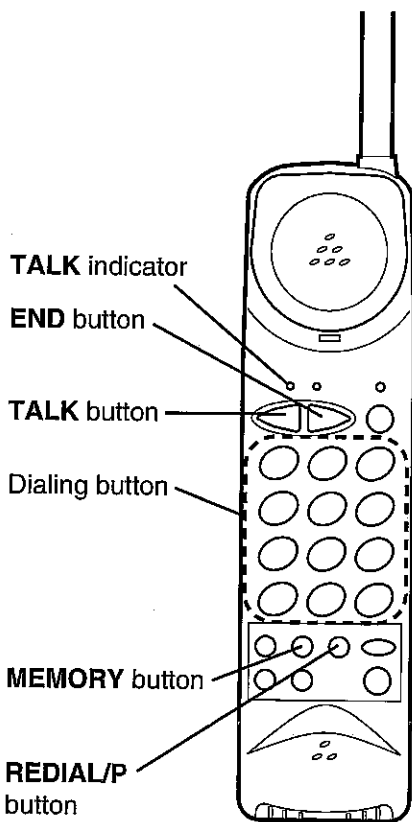
NOTES:

- To 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 the REDIAL/P button after the first digit.
- Phone numbers up to 16 digits in length can be stored. (A pause counts as one digit.)

- The autodial memory is cleared if;
 - The battery pack is changed.
 - The battery pack is exhausted.

To call a number stored in the memory

1. Press the TALK button.
2. Press the MEMORY button.
3. Press the assigned index number (0-9).



CORDLESS TELEPHONE OPERATION

REDIAL

To automatically redial the last number called, press the REDIAL/P button instead of dialing the number again. (Phone numbers up to 32 digits in length can be redialed.)

NOTE: To redial after hearing a busy signal, press END, then TALK, then REDIAL/P.

INSTANT TONE

If your home is equipped with pulse dialing and your phone is set to pulse mode, you can 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 answered, press the ✕ button.

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

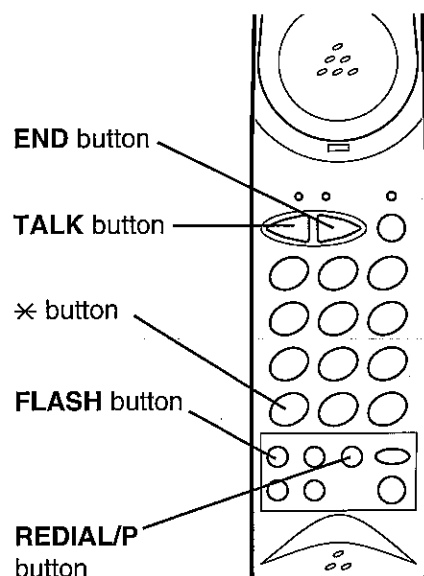
FLASH BUTTON

The FLASH button can also be used to access special services offered by your phone company (CALL WAITING and PBX, for example).

If you subscribe to CALL WAITING...

1. If a call comes in when you are already on the phone, a beep sounds.
2. Follow the instructions supplied by the phone company for the service for example:
FLASH "2"
You can talk to the second caller.
3. Press FLASH "2" again.
The second caller is placed on hold, and you can talk to the first caller.

NOTE: The FLASH button may also be used to get a new dial tone without pressing the END button or replacing the handset in the base station cradle. However, if your telephone line has special service features (like CALL WAITING), the FLASH button may not operate in this way.

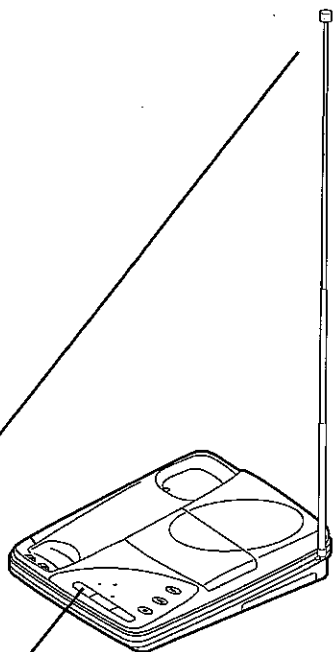
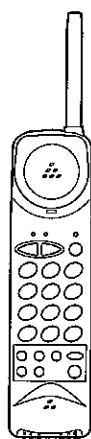


CORDLESS TELEPHONE OPERATION

PAGE BUTTON (HANDSET LOCATOR)

This feature makes it possible to page the handset user from the base station. The base station user can easily know where the handset is, with an audible tone produced from the handset.

1. Press the PAGE button on the base station.
2. The handset produces an audible tone.



PAGE button (HANDSET LOCATOR)

NOTE:

If the RINGER switch is set to the off position, no beep is heard when the PAGE button is pressed.

ANSWERING SYSTEM OPERATION

BEFORE YOU LEAVE

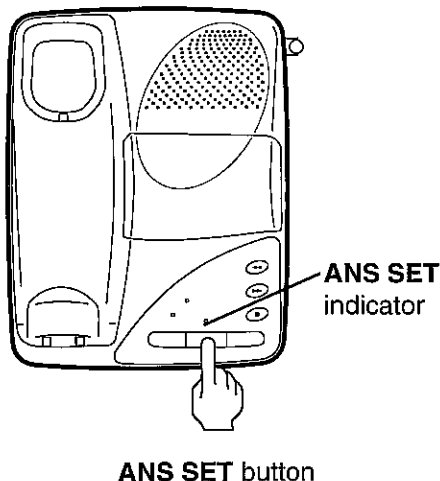
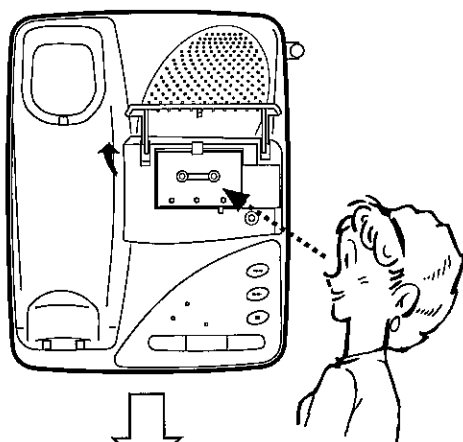
1. Make sure there is enough space left on the message tape to record your calls. If there is not, rewind the tape or turn it over and reinsert it.
2. Press the ANSWER SET button. Your outgoing message plays back automatically. The ANS SET indicator lights. The answering system is now ready to receive calls.

NOTE:

- If you turn over or change the message tape, you must record your outgoing message again.
- If 6 long beeps sound when you press the ANSWER SET button, no outgoing message has been recorded.

TAPE END ALERT

If 6 beeps sound and the ANS SET indicator flashes when you press the ANSWER SET button, there is not enough space left on the message tape to record calls (or the tape has not been inserted). If this occurs, rewind a message tape or insert a message tape, and record your outgoing message again.



ANSWERING SYSTEM OPERATION

WHEN A CALL COMES IN

The answering system answers all calls and records all messages to a maximum of three minutes each. If you do not wish to record any messages, set the CPC/ANS.ONLY switch to ANS.ONLY.

NOTE:

If the end of the message tape is reached while a message is being recorded, 3 long beeps sound.

RING DELAY (Toll Saver)

The first incoming call is answered on the fourth ring, and later calls are answered on the second ring. If you call your number from another phone and hear three rings, you know you have no messages and can hang up and save the cost of the call. When you reset the unit to the auto answer mode, the unit again answers the first new call on the fourth ring.

ANSWERING SYSTEM OPERATION

WHEN YOU COME HOME

CALL COUNTER

The ANS SET indicator flashes to indicate the number of messages that has been received (to a maximum of 15). If more than 15 messages are received, the indicator flashes continuously.

NOTE:

If the end of the message tape is reached while a message (or memo) is being recorded, the ANS SET indicator flashes slowly and continuously. If this happens, you cannot perform "AUTOMATIC PLAYBACK". Before proceeding with manual message playback, press STOP, then REW.

AUTOMATIC PLAYBACK

1. Press the PLAY button. The answering system plays back any recorded messages (including memos).
 2. Then you can:
 - a) Repeat message playback
 - b) Save messages
 - c) Erase messages
- a) To repeat message playback**
Press the PLAY button.
The unit plays back any recorded messages.
- b) To save messages**
After the last message has been played back, the tape stops and the unit returns to the auto answer mode. Leave the unit as it is. The old messages are saved, and any new ones are recorded after the old ones.
- c) To erase messages**
 1. Press the STOP button.
 2. Press the ANS SET button.
The new messages are recorded over the old ones. The old messages are erased.

NOTE:

If the operations in **c)** are performed without playing back the messages, the old messages will not be erased in order to protect the recorded messages.

ANSWERING SYSTEM OPERATION

FAST ERASURE

This button only functions within 10 seconds after automatic message playback.

1. Press the **PLAY** button to start automatic message playback.
2. After the last message has played, three beeps sound.
3. Press the **ERASE** button (under the cassette lid) within 10 seconds after you hear the three beep tones.
 - The messages will be erased and the answering system will return to the auto answer mode.

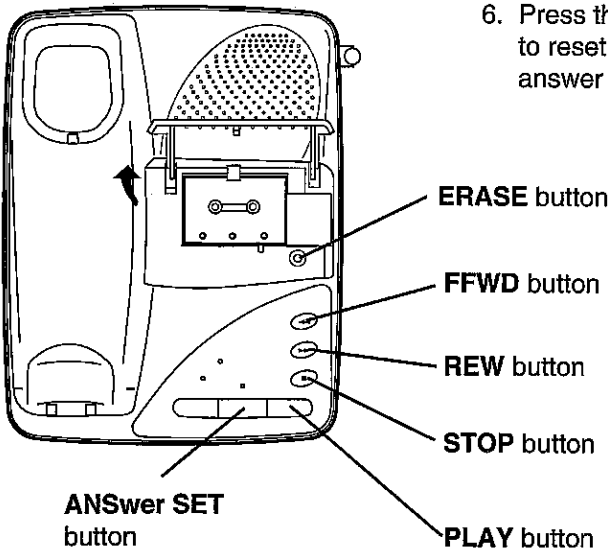
MANUAL MESSAGE PLAYBACK

The message tape can be advanced or rewound to quickly find a certain message or recorded section of the tape.

1. Press the **STOP** button. This disengages the unit from the auto answer mode and lets you use it like a regular tape player.
2. Press the **PLAY** button. The message tape begins playing back.
3. Press and hold the **FFWD** or **REW** button to quickly move the tape forward or backward.

Only when the tape is rewinding, you can hear a high-pitched chattering sound at the recorded portion.

4. Release the **FFWD** or **REW** button. The message tape plays back again.
5. Press **STOP** to end playback.
6. Press the **ANSWER SET** button to reset the unit to the auto answer mode.



ANSWERING SYSTEM OPERATION

REMOTE CONTROL (FROM THE HANDSET)

You can access your answering system using the cordless handset.

- If the unit is not set to the auto answer mode, you cannot access the answering system using the handset.

To hear message playback

1. Press the REMOTE button. The REMOTE indicator lights, and a series of beeps indicate how many messages have been received (to a maximum of 10). The message tape rewinds and plays back your messages. After the last message, 3 beeps sound.

- If more than 10 messages have been recorded, a single long beep sounds when you press the REMOTE button.

2. Then you can:

- a) Save your message
- b) Erase your message
- c) Repeat your message

a) To save your messages

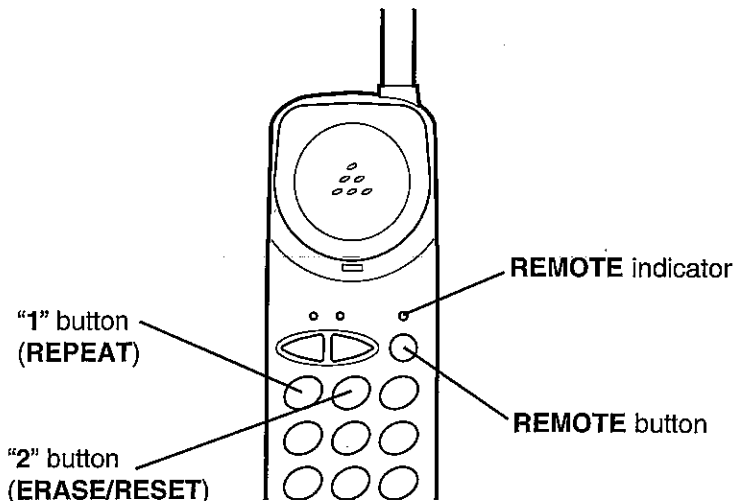
After message playback ends (3 beeps sound), press the END button (or return the handset to the base station cradle). The messages are saved, and any new messages are recorded after the old ones.

b) To erase your messages

After message playback ends (3 beeps sound), press "2" (within 10 seconds). The tape rewinds, and 3 beeps sound. Any new messages are recorded over the old ones.

c) To repeat your messages

After message playback ends (3 beeps sound), press "1" (within 10 seconds). The tape rewinds and plays back again. After the last message, 3 beeps sound.



ANSWERING SYSTEM OPERATION

To fast-forward the tape using the handset

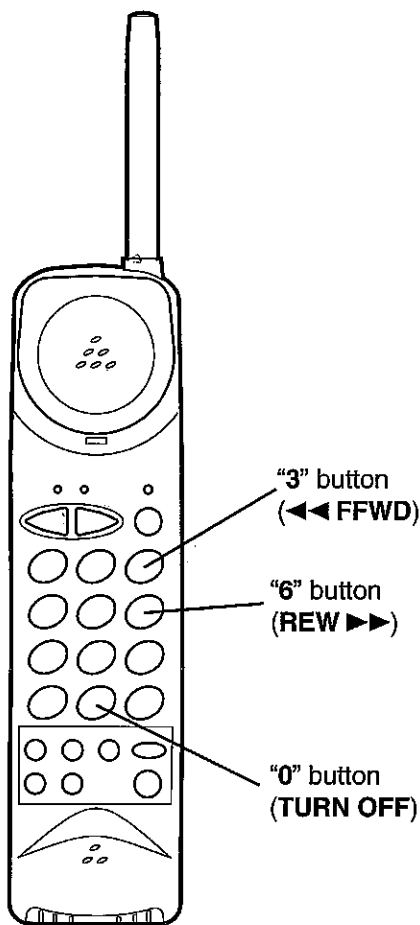
1. Press and hold "3" during playback.
The message tape fast-forwards as long as you press "3".
2. When you release "3", message playback begins again.

To rewind the tape using the handset

1. Press and hold "6" during playback.
The message tape rewinds as long as you press "6".
2. When you release "6", message playback begins again.

To turn off the answering system using the handset

1. Press the REMOTE button.
The REMOTE indicator lights.
(If no messages have been recorded, 3 beeps sound.)
2. Press "0" immediately.
The unit turns off automatically.



ANSWERING SYSTEM OPERATION

REMOTE CONTROL (FROM ANOTHER TELEPHONE)

You can access your answering system from another location using any Touch-Tone telephone. Your factory-preset remote access code number (located on the bottom panel of the unit) helps ensure your privacy.

Notes:

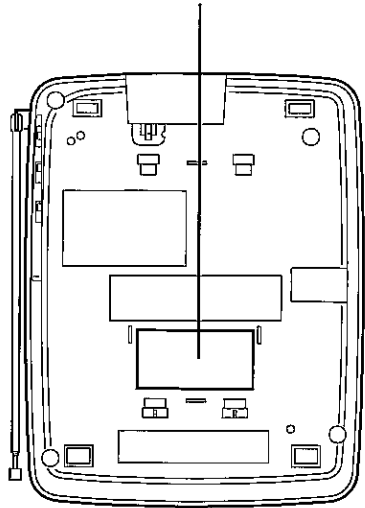
- If the unit is not set to the auto answer mode, you cannot access the answering system from another location. You must activate the system first. See "To turn on the answering system" on page 33.
- In order for remote message retrieval to operate reliably, the telephone used for remote access must transmit a continuous tone as long as a dialing button is pressed.
- If the telephone used for remote access is connected to a PBX system, a short tone may be transmitted through the phone line even if you hear a continuous tone through the telephone receiver.

Under these conditions, it may be necessary to access the CLA-1080AUS by using a touch-tone phone connected directly to the telephone line (not through the PBX).

When entering your remote access code number, you must press the dialing buttons that represent your code as follows: [example: 20]

First press "2" (first digit), then press "0" (second digit) within 3 seconds.

Remote Access Code Number Label



ANSWERING SYSTEM OPERATION

To hear message playback

1. Dial your telephone number.
2. Listen to your outgoing message and the beep that tells callers to leave a message.
3. Within 7 seconds after the beep, enter your remote access code. (Press the dialing buttons as described on page 31.) A series of beeps indicate how many messages have been received. The message tape then fast-forwards to the beginning and plays back the recorded messages. After the last message, 3 beeps sound.
4. After listening to your message, you have 3 choices:
 - a) Save your messages
 - b) Erase your messages
 - c) Repeat your messages

a) To save your messages

When message playback ends (3 beeps sound), simply hang up the phone. The messages are saved, and any new messages are recorded after the old ones.

b) To erase your messages

1. Wait for message playback to end (3 beeps sound). Within 10 seconds after the last beep, press "2". The message tape rewinds, and 3 beeps sound.
2. Hang up. Any new messages are recorded over the old ones.

c) To repeat your messages

Wait for message playback to end (3 beeps sound). Within 10 seconds after the last beep, press "1". The message tape plays back again. After the last message, 3 beeps sound.

To fast-forward the tape by remote

1. Press and hold "3" during playback.
The message tape fast-forwards as long as you press "3".
2. When you release "3", message playback begins again.

To rewind the tape by remote

1. Press and hold "6" during playback.
The message tape rewinds as long as you press "6".
2. When you release "6", message playback begins again.

To change your outgoing message by remote

1. Dial your phone number and listen to your outgoing message.
2. After you hear the beep at the end of the outgoing message, enter your remote access code. The message tape fast-forwards and plays back your messages. After the last message, 3 beeps sound.
3. After 3 beeps, press "7" immediately.
4. Record your new outgoing message.
5. Press "8" to finish recording. Wait a moment. Your new outgoing message will play back automatically.

ANSWERING SYSTEM OPERATION

6. Hang up after you hear the new outgoing message.
 - If you change your outgoing message, the message tape rewinds to the beginning and any new messages are recorded over the old ones.

To turn off the answering system by remote

1. Dial your phone number and listen to your outgoing message.
2. After you hear the beep at the end of the outgoing message, enter your remote access code.
3. Press "0".
4. Hang up.
The answering system turns off automatically.

To turn on the answering system from a remote location

If you have left your home or office without setting the unit to the auto answer mode, you can set it from a Touch-Tone telephone.

1. Dial your phone number.
2. Let the phone ring 16 times.
After 16 rings, your outgoing message plays back and 3 beeps sound.
3. Within 10 seconds after the last beep, enter your remote access code. The unit automatically resets to the auto answer mode.
4. Hang up.

To reset the answering system by remote

When the tape is fully recorded, the unit shuts off. But you can retrieve recorded messages by remote as follows:

1. Dial your phone number.
2. Let the phone ring 16 times.
After 16 rings, 6 beeps sound.
3. After 6 beeps, no sound is heard for approximately 10 seconds.
4. Within these 10 seconds, enter your remote access code.
The message tape rewinds and plays back.
At the end of the last message, 3 beeps sound.
5. After 3 beeps, press "2" (within 10 seconds).
6. Hang up.
The message tape rewinds, and the unit automatically resets the auto answer mode.

NOTE:

The beeperless remote feature does not work when you call the unit from a pulse-dialing telephone.

ANSWERING SYSTEM OPERATION

OTHER ANSWERING SYSTEM FEATURES

CALL SCREENING

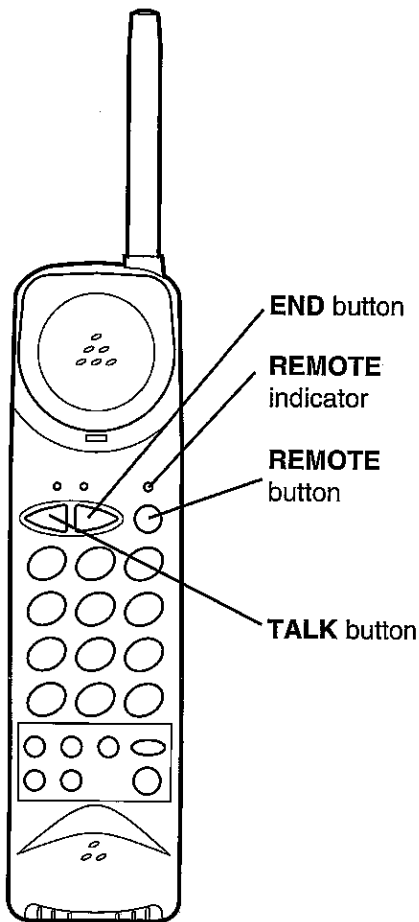
This cordless telephone/answering system lets you monitor incoming calls, from the handset, to avoid unwanted calls.

The REMOTE indicator flashes while the incoming message is recorded.

1. To monitor the incoming message, press the REMOTE button. If you wish to speak to the caller, press the TALK button.
2. When you finish speaking to the caller, press the END button. The unit returns automatically to the auto answer mode.

EXTENSION PHONE DISCONNECT

If you pick up an extension phone while a call is being answered, the unit automatically disconnects from the line to let you take the call.



ANSWERING SYSTEM OPERATION

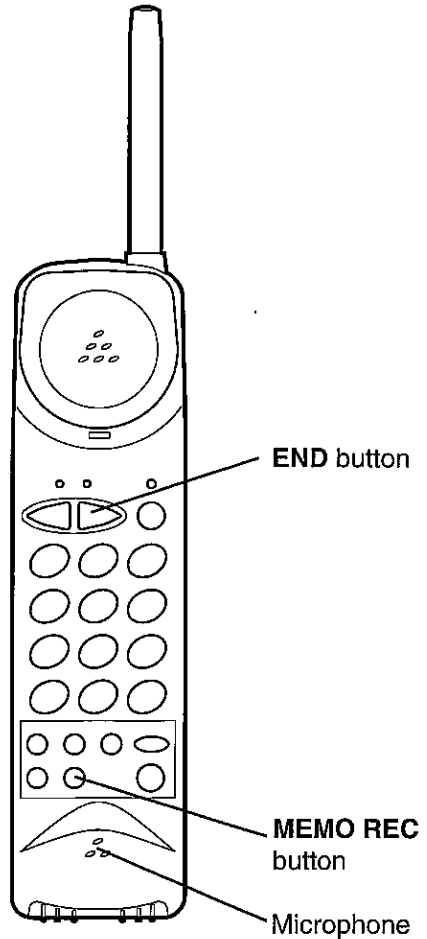
MEMO (PERSONAL MESSAGE) RECORDING (From the Handset)

You can leave a memo (a recorded personal message) that can be retrieved manually or by remote control by anyone who has access to the answering system.

1. Press the ANSWER SET button on the base station.
2. Press the END button on the handset.
3. Press the MEMO REC button on the handset until you hear a series of short beep tones.
4. After the long beep tone, speak into the microphone on the handset.
5. Press the MEMO REC button to end recording.

NOTE:

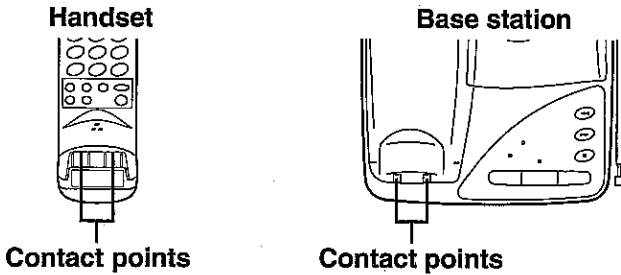
- The call counter counts memos as messages.
- Memo recordings can be as long as the available message tape.



MAINTENANCE

CLEANING THE CONTACT POINTS

To ensure proper charging of the handset battery pack, clean the battery charging terminals on the handset and the base station once a month by wiping them with a soft cloth moistened lightly with isopropyl alcohol.



CASSETTE TAPES

After a message tape has been in use for 6 months, you should turn it over and use the other side for the next 6 months. After that you should replace it with another Sanyo cassette designed for answering-system use. If you decide to use another brand, make sure the tape is of high quality.

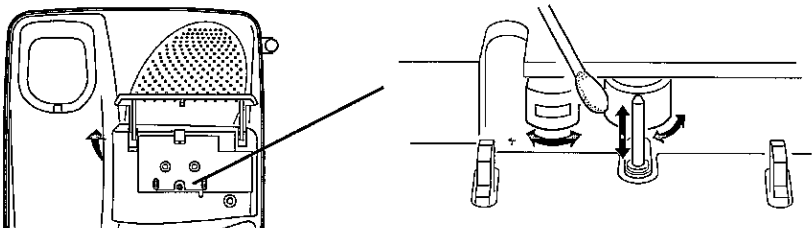
CLEANING THE HEADS

To ensure continued high performance from the answering system, clean the head, pinch roller and capstan periodically, whenever dust or reddish-brown oxide particles have accumulated. Failure to do so may result in inferior sound quality and inconsistent tape speed.

1. Open the cassette compartment lid.
2. Moisten a soft cloth or cotton swab with isopropyl alcohol, and gently rub the surface of the head, pinch roller and capstan until the dirt or oxide is removed.

NOTE:

Remember that you own the unit. The telephone company is not responsible for its maintenance.



MAINTENANCE

CAUTION

During a lightning storm, or when the answering system will not be in use for an extended period, you should disconnect it from the telephone line and unplug it from the AC outlet.

POWER FAILURE

If a power failure continues for only a short time (up to one half-hour), the unit resets to the auto answer mode. However, if the power failure lasts longer, the unit is disengaged from the auto answer mode and old messages cannot be retrieved from a remote location.

- If a power failure occurs, the security code must be reset. (See page 12.)
- If a power failure occurs, record your outgoing message again. (See page 14.)

BATTERY REFRESH

If your battery seems to need recharging more often than usual, it may have lost part of its charging capacity because of premature recharging. To return the battery to full capacity, try the battery refresh procedure below.

- Discharge the battery by leaving the handset in talk mode until BATT LOW indicator lights. (First, disconnect the base station from the phone line.)
- Charge the handset for 12 hours.
- Repeat this procedure once more.

If performance still doesn't improve, it's time to replace the battery.

REMEMBER: Reset the security code after a battery refresh (page 12).

Attention

When BATT LOW indicator lights and a beep sounds every 3 seconds during a conversation, recharge the battery.

MALFUNCTIONS

Although it is unlikely that the base station will malfunction, if it does, disconnect it from the telephone line until proper repairs are completed.

The cordless telephone uses radio frequencies for transmission and reception, and is subject to certain operating conditions. The following conditions are normal and could affect the operation of your system.

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 these noise pulses. Because radio frequency transmissions are susceptible to these pulses, on occasion you may hear them in your handset. Generally they are a minor annoyance and should not be interpreted as a defect in your system.

2. RANGE

Because radio frequencies are used, the location of the base station can affect the operation range. Try several locations in your home or business and pick the one that gives you the clearest signal to the handset. Turning around while holding the handset may help you find the best position.

3. INTERFERENCE

Electronic circuits activate a relay to connect the cordless telephone 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 clicks or hear the relay activate while you are not using the cordless handset. If this starts occurring frequently, it can be minimized or eliminated by lowering the height of your base station antenna, or relocating the base station. Check for interference before selecting your final base station location by plugging it in and monitoring it for clicks.

Two cordless systems should not be operated too close to each other because of interference. This interference can be reduced by lowering your base station antenna, thereby reducing its range.

TROUBLESHOOTING

If you have a problem with your cordless telephone/answering system, try the following suggestions before calling for service.

CORDLESS TELEPHONE SECTION:

If the phone does not work:

- The AC adaptor may not be plugged into a wall outlet.
- The battery pack may need recharging. (BATT LOW indicator lights in talk mode.)
- The security code may not be set properly.
- The handset may be too far from the base station.

If the communication range is too short:

- Check the base station location. (See page 5.)
- Extend the base station antenna fully.

If incoming calls do not ring on the handset:

- The handset may be too far from the base station.
- The RINGER switch may be set to the off position.

If the battery is not charging:

- The battery contacts may need cleaning.
- The battery plug may not be connected properly.
- Try battery refresh. (See page 37.)
- Battery may need replacing. (See page 8.)

Important note:

The rechargeable battery pack should be replaced with a new one if the BATT LOW indicator lights after only a few telephone calls, or if the available calling time (duration of a phone call) becomes shorter than normal, even when the battery pack has been charged for 12 or more hours.

If you encounter noise or interference:

- Press the CHANNEL button.

If the security code cannot be reset, follow the instructions below:

- a. Bring the handset closer to the base station, then press the TALK button. After approximately 5 seconds, a high-pitched beep will sound.
- b. Press the END button. (Make sure the BATT LOW indicator is OFF.)

Note:

If the **BATT LOW** indicator lights, the battery must be charged before the security code can be reset.

- c. Place the handset on the base station cradle, then press the PAGE button. A beep will sound. The security code is now set.

TROUBLESHOOTING

ANSWERING SYSTEM SECTION:

If your outgoing message is not recorded:

- Press and hold the OGM REC button for at least 1 second until a beep sounds.
- The message tape may not be inserted.

If the unit is set to the auto answer mode but no messages have been recorded:

- The tape may need rewinding. Make sure the full side of the tape is on the right.
- The message tape may be damaged or may not have been inserted.
- Your outgoing message may not have been recorded properly.
- The CPC/ANS.ONLY switch may be set to ANS.ONLY.

If the unit disconnects before the caller has finished leaving a message:

- The caller may have kept silent for too long (more than 7 seconds).
- The caller's voice may have been extremely low.

If the telephone rings but the unit does not answer the phone:

- Set the unit to auto answer mode. (See page 25.)

If you hear beeps but no messages during message playback:

- A caller probably hung up without leaving a message. The beeps you hear represent each time your outgoing message was played, not each time someone spoke.

If you try to retrieve your messages from another telephone but nothing happens:

- You may not be entering the remote access code number with the correct timing. Be sure to press the buttons that represent your access code number within approximately 3 seconds of each other.
- You may not have entered the correct remote access code, or entered it incorrectly.
- You may not be using a Touch-Tone telephone, or the telephone does not produce continuous tones while the dialing buttons are being pressed.
- You may have entered your remote access code before the beep that follows your outgoing message.

If the unit does not function after it has been exposed to a static electric shock:

- Disconnect the AC adaptor, then reconnect it.
- Record your outgoing message again.
- Reset the security code.

If 6 beeps sound when the ANS SET button is pressed:

- Record your outgoing message.
- Insert the message tape.
- Change the message tape.

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