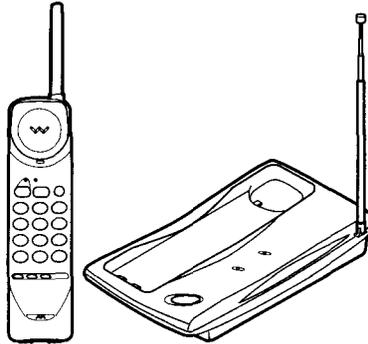# SANYO

INSTRUCTION MANUAL

CLT-136

Cordless Telephone

Please read these instructions before use.
If you have a problem with your cordless telephone, please see
"TROUBLESHOOTING" on the back cover before calling for
service.

CAUTION
THIS PRODUCT IS INTENDED FOR USE IN NEW ZEALAND 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 page 6.)

TABLE OF CONTENTS

You have just purchased one of the finest consumer electronics in the world. To ensure that you get maximum use of all features of this Sanyo product, please read this booklet carefully before you attempt to use it.

Main Features:
- **SUPER COMPANDER** noise reduction
- 10-channel auto scan
- 65,536 digital security codes
- 10-number dialing memory
- Any key answer
- 3 weeks standby
- Hearing aid compatible
- Desktop or wall mount

Notice:
This cordless telephone uses radio communication between the handset and the base station and may not ensure privacy of communication. Other devices, including other cordless telephones, may interfere with the operation of this cordless telephone or cause noise during operation. Cordless telephones must not cause interference to any licensed radio service.
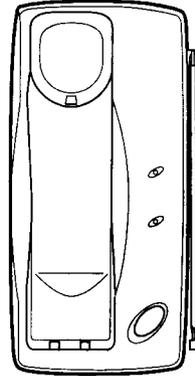
Check to make sure you have all the items that come with the system.

Handset

Base Station

AC Adaptor
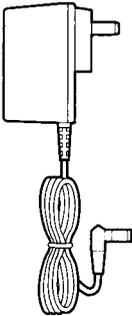
Telephone Cord

Speed Dialing Directory Sheet

SPEED DIAL	
M1	
M2	
M3	
M4	
M5	
M6	
M7	
M8	
M9	
M0	

SPEED DIAL	
M1	
M2	
M3	
M4	
M5	
M6	
M7	
M8	
M9	
M0	

Model No. KR0522
INPUT: AC 230 - 240 V, 50Hz
OUTPUT: DC 9V, 350mA
Polarity: Center Negative

Battery (SANYO 3N-270AA)
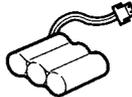
BASE STATION LOCATION

For maximum operating range, extend the base station antenna to full length. In most cases, the best location for the base station is at the highest point in the house. Avoid places near electrical appliances and metal structures such as a refrigerator and filing cabinets that can reduce operating range and performance.
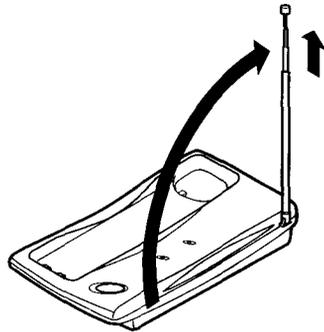
Caution

The cordless telephone operates at a frequency that may cause interference to nearby TVs and VCRs; the base station should not be placed near or on top of a TV or VCR; and, if interference is experienced, moving the cordless telephone farther away from the TV or VCR will often reduce or eliminate the interference.

INITIAL HANDSET BATTERY CHARGE

Install the handset battery (supplied) in the handset and charge the handset for a full 12 hours before using the cordless phone for the first time.
IMPORTANT: Never attempt to use the cordless phone before this initial battery charge.

INSTALLING THE HANDSET BATTERY

1. Slide the lid off the battery compartment.

Red

2. Plug the battery cord into the connector inside the compartment.

Black

3. Place the battery in the compartment.

4. Replace the lid.
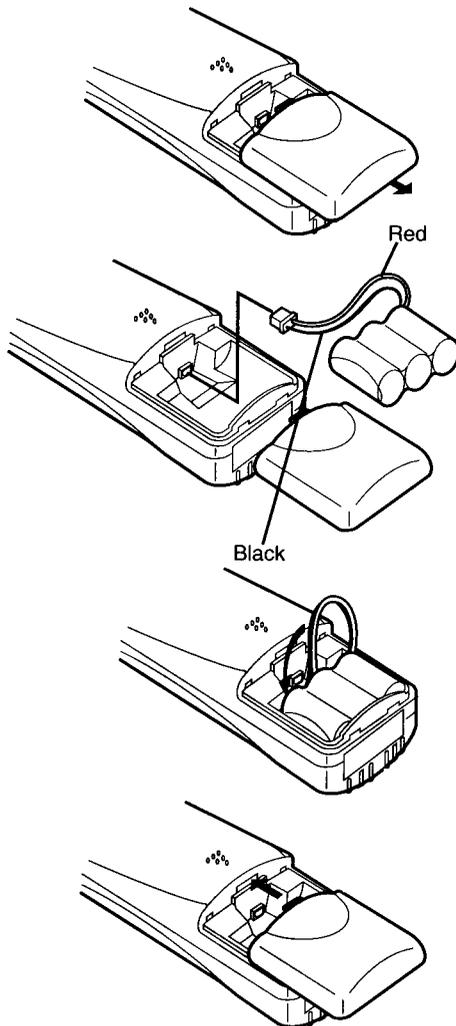
CHARGING THE HANDSET

1. Place the handset on the base station for 12 hours.
   The **CHARGE** indicator lights.
   * The base station must be connected to AC power. (See page 11.)

2. Remove the handset from the base station. Your telephone is now ready to use.

CHARGE indicator

When the **BATT LOW** indicator lights, recharge the handset for a continuous 12 hours.
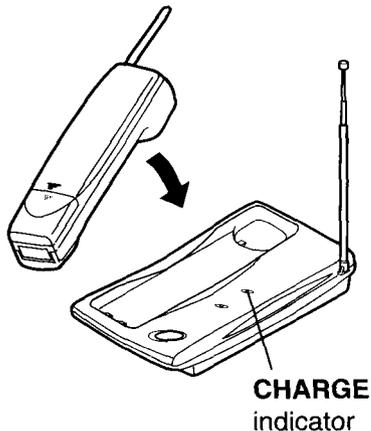
REPLACEMENT BATTERY
If the battery fails, replacement batteries are available from an authorized Sanyo service center.
(Replacement battery: **SANYO 3N-270AA**)

STANDBY TIME
When the handset battery is fully charged, your Sanyo cordless phone offers **up to 3 weeks of continuous standby time**. (Listed standby time is measured under a situation in which the handset is kept in standby mode only–no phone calls are made or received). Under normal usage conditions, recharging is required more often.

10-CHANNEL ACCESS/AUTO SCAN

This cordless telephone automatically selects, every time you answer or place a call using the handset, a clear channel from 10 frequencies available to transmit signals between the base station and handset. If you notice interference during a call, simply press the CHANNEL button on the handset to access a clear channel.

CHANNEL

-6-

CAUTION

This telephone is for use "tone dialing system" only.
If you have a pulse dialing line, you can't use this cordless telephone.

SECURITY CODES

Your cordless telephone works only when the same security code is selected, from 65,536 possibilities, for both the handset and base station. This prevents unauthorized use of your telephone line by another cordless telephone.

IMPORTANT:

The following events may cause the security code to be erased and require resetting:

∎ After the handset battery is replaced or exhausted
∎ After a power interruption

To reset your security code

1. Place the handset in the base station cradle.

2. Within 8 seconds, press PAGE/FIND on the base station.
   The **IN USE** indicator blinks. A beep sounds and the security code is set. The **IN USE** indicator then goes off. If the security code cannot be set, the **IN USE** indicator continues to blink for about 4 minutes. When this occurs, repeat the steps above.

If you experience difficulty in resetting the security code, first disconnect the AC adaptor from the unit, reconnect it, and then try again.

PAGE/FIND
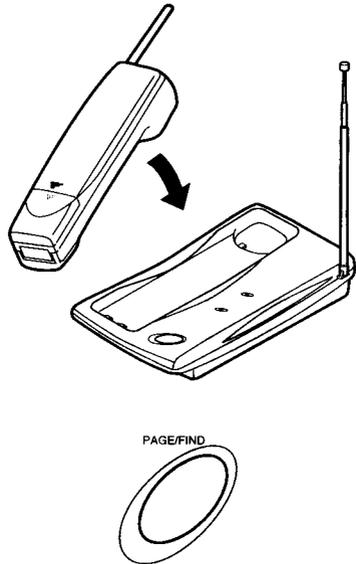
FEATURE CONTROLS

HANDSET

Antenna

Earpiece

BATT LOW Indicator
Lights when the battery needs recharging. (If the battery is completely exhausted, the indicator does not light.)

TALK Indicator
Lights when the handset is in talk mode.

END Button
Press to end a call.

TALK Button
Press to answer or place a call.
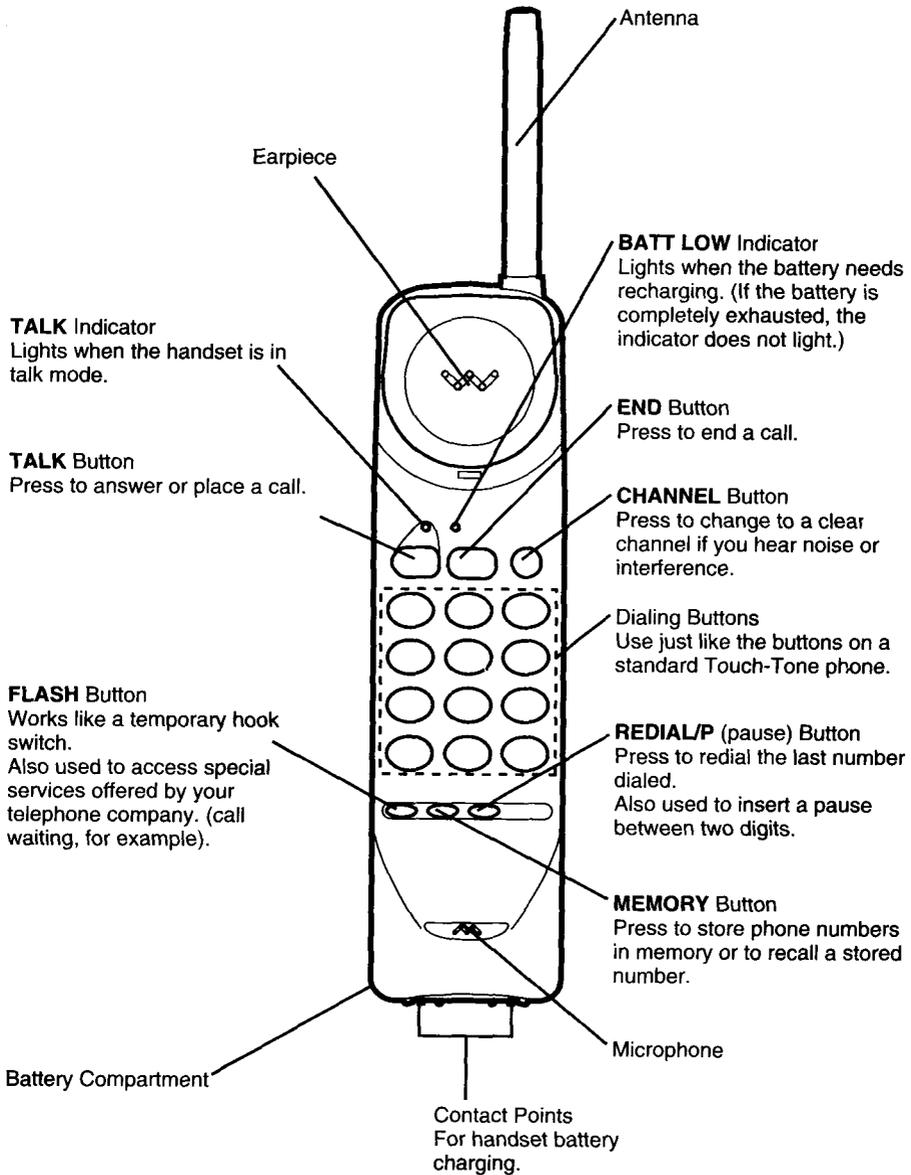
CHANNEL Button
Press to change to a clear channel if you hear noise or interference.

Dialing Buttons
Use just like the buttons on a standard Touch-Tone phone.

FLASH Button
Works like a temporary hook switch.
Also used to access special services offered by your telephone company. (call waiting, for example).

REDIAL/P (pause) Button
Press to redial the last number dialed.
Also used to insert a pause between two digits.

MEMORY Button
Press to store phone numbers in memory or to recall a stored number.

Microphone

Battery Compartment

Contact Points
For handset battery charging.

-8-

FEATURE CONTROLS

BASE STATION

AC Adaptor Jack
(AC ADAPTOR/DC 9V)

Modular Telephone Jack
(TEL/LINE)

Antenna
For optimum performance, extend to full length.

CHARGE Indicator
Lights when the handset battery is being recharged.

IN USE Indicator
Lights when the telephone is in use.

Contact Points
For handset battery charging.

PAGE/FIND Button
Press to page the handset user. Also used to reset the security code.

-9-
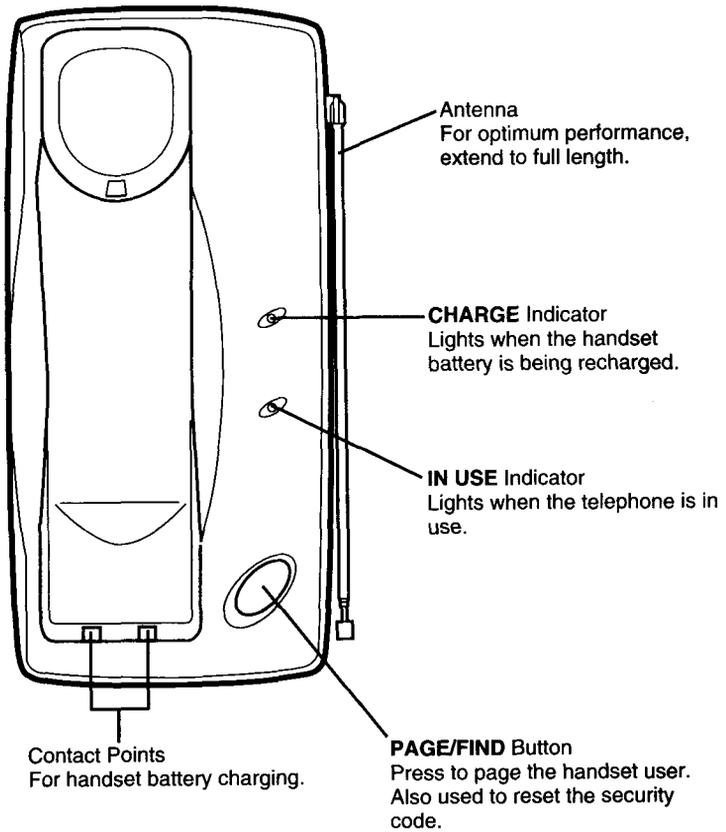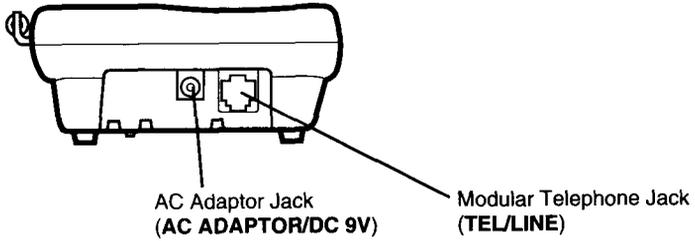
1. Insert the small plug of the AC adaptor cord into the **DC 9V** jack on the back of the base station.
2. Secure the AC adaptor cord under the hook located below the jack, as shown.
3. Plug the AC adaptor into an AC wall outlet.
4. Plug one end of the telephone cord into a telephone wall jack, and the other into the **TEL LINE** jack on the back of the base station.

To power outlet
(AC 230V, 50Hz)

DC 9V jack

AC adaptor
(KR0522)

To telephone line

Telephone cord

TEL LINE jack
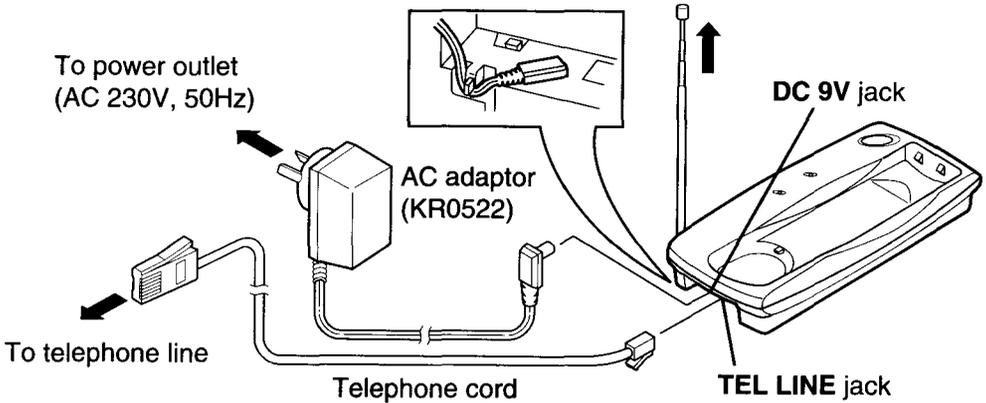
NOTE:
USE ONLY SANYO AC ADAPTOR MODEL NO. KR0522 (APPROVAL NO. Q92103).

ANSWERING A CALL

When a call comes in, the **TALK** indicator flashes.

1. Press [TALK] .

   or

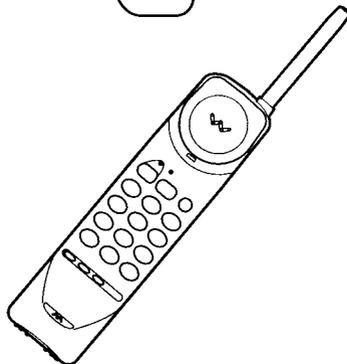   Lift the handset from the base station.

ANY KEY ANSWER
You can also answer a call by pressing any key except [END] .

2. Talk.

3. Press [END] to hang up.

NOTE:
▌ 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 then press [END] .

REMEMBER:
Your handset battery needs recharging when you hear a beep every 3 seconds during phone use. (The **BATT LOW** indicator also lights.)

PLACING A CALL

1. Press [TALK].

   or

   Lift the handset from the base station, then 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] and then [TALK] to get a new dial tone.

3. Press [END] to hang up.

REMEMBER:
Your handset battery needs recharging when you hear a beep every 3 seconds during phone use. (The **BATT LOW** indicator also lights.)
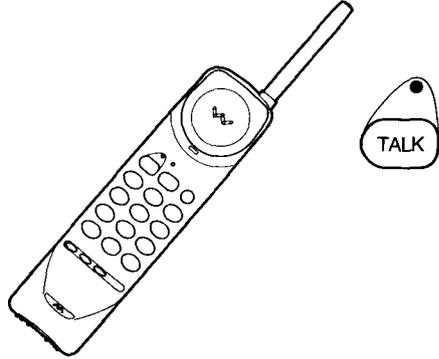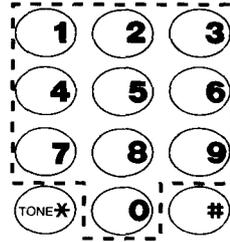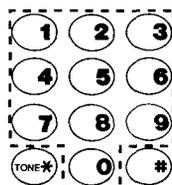
-12-

AUTODIAL

The handset can store up to 10 phone numbers in its memory. You can dial a stored number simply by pressing the [MEMORY] button and the assigned 1-digit memory location number.
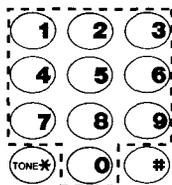
To store numbers:

1. Press [MEMORY].
   The **TALK** indicator flashes.

2. Dial the phone number you want to store using the handset keypad.

3. Press [MEMORY].

4. Press a number button ([0]-[9]) to assign a location number to the phone number.

   A beep sounds and the **TALK** indicator goes off. The phone number is now stored in the memory.

5. Write the stored number on the number index sheet (included).

6. Repeat steps 1 - 5 to store other numbers or to change previously stored numbers.

To insert a pause:
Stored phone numbers can include a 2-second pause between two digits (after 1 to get an outside line in a PBX system, for example). Press [REDIAL/P] after the first digit.

A stored phone number can have up to 16 digits. (A pause counts as one digit.)
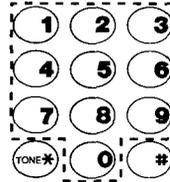
-13-

To dial a number stored in the memory:

1. Press $\boxed{\text{TALK}}$.

2. Press $\boxed{\text{MEMORY}}$.

3. Press the memory location number ($\boxed{0}$-$\boxed{9}$) using the handset keypad.

The autodial memory may be erased if the handset battery is replaced or exhausted.

REDIAL

You can automatically redial the last number called using the $\boxed{\text{REDIAL/P}}$ button on the handset. A number of up to 32 digits can be redialed.

NOTE: To redial after hearing a busy signal, press $\boxed{\text{END}}$, then $\boxed{\text{TALK}}$ and then $\boxed{\text{REDIAL/P}}$.

-14-

FLASH BUTTON

You can use the FLASH button 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. Press FLASH .
   The first call is placed on hold, and you can talk to the second caller.

   FLASH

3. Press FLASH again.
   The second caller is placed on hold, and you can talk to the first caller.

   FLASH

NOTE: The FLASH button may also be used to get a new dial tone without pressing END 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.

PAGE/FIND BUTTON

You can page the handset user from the base station. The paging feature can also be used as a handset locator.

1. Press the PAGE/FIND button on the base station.
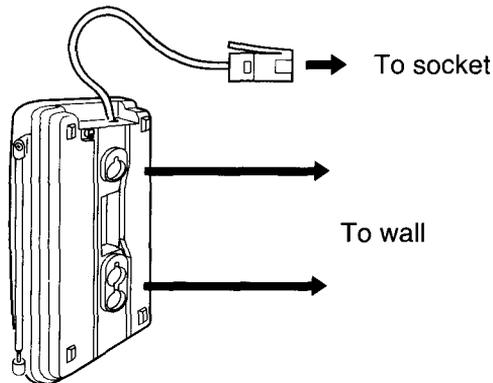
   PAGE/FIND

2. The handset produces an audible tone.

MAINTENANCE

WALL MOUNTING

To mount the base station on a wall

1. Connect the cord.

2. Mount the base station on the wall.

To socket

To wall

RECHARGEABLE HANDSET BATTERY

Recharge handset in the base station cradle for a continuous 12 hours when the **BATT LOW** indicator lights. (See page 6).

Repeated recharging for shorter periods may reduce battery capacity.

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 its full capacity, try the battery refresh procedure.

∎ Discharge the battery by leaving the handset in talk mode until the **BATT LOW** indicator lights. (First, disconnect base station from 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.

-16-

REMEMBER: Reset security code after a battery refresh (page 8).

REMEMBER:

Your handset battery needs recharging when you hear a beep every 3 seconds during phone use. (The **BATT LOW** indicator also lights.)

Cleaning the contact points

To ensure that the handset battery charges properly, clean the contact points on the handset and the base station once a month with a soft cloth.

Handset   Base station

Contact points Contact points
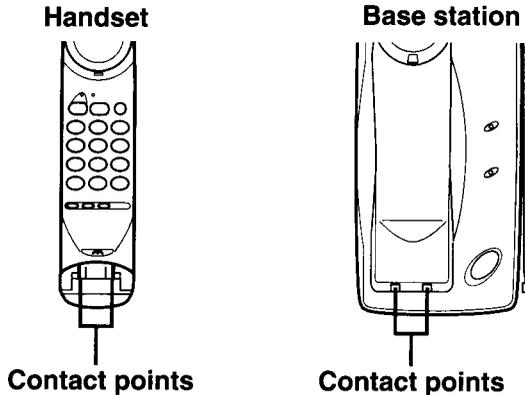
CAUTION

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

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

Most cordless phone problems can be corrected quickly and easily — without service. If you experience difficulties, try the suggestions below before taking your phone in for service.

If the phone doesn't work at all
■ Security code may have been cancelled. To reset, see page 7.
■ AC adaptor may not be plugged into a wall outlet or to the base station.
■ Telephone line may not be connected.
■ Handset battery may be extremely low. If **BATT LOW** indicator lights in talk mode, recharge battery. (See page 16.)
■ Handset may be too far from base station. Move closer.

The operating range seems shorter
■ Check the base station location for interfering objects. (See page 4.)
■ Extend base station antenna to full length.

Handset battery life or standby time seems shorter
■ Batteries may not be fully charged, due to dirty contact points. Wipe with a soft cloth.
■ Handset batteries may have been repeatedly recharged before being fully exhausted. Try Battery Refresh (See page 16).
■ Battery may need replacing (See page 16.)

Incoming calls do not ring on handset
■ Handset may be too far from base station. Move closer.

Reception is noisy (interference, hum or static)
■ Switch to clearer channel. (See page 7.)
■ Base station may be too close to electrical equipment. Try another location.
■ Handset may be too close to large metal object(s). Move to another location, or change direction while using handset.
■ Lower base station antenna.

If phone still does not work
■ Reset base station and handset as follows:
   1. Disconnect AC adaptor, and then reconnect AC adaptor to reset base station.
   2. Disconnect then reconnect the handset battery.
   3. Reset security code. (See page 7.)

SANYO