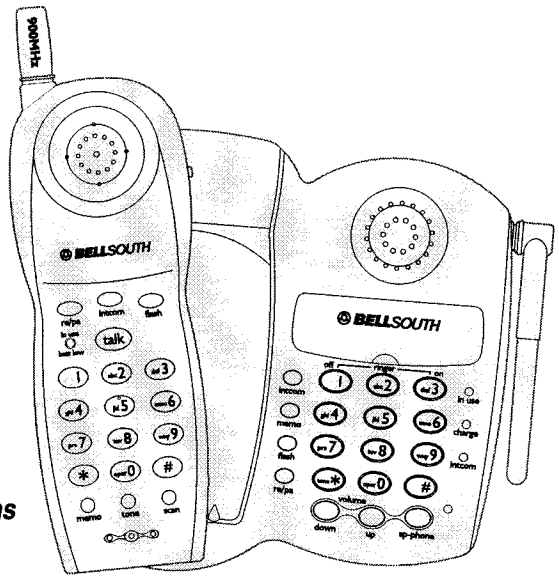
BELLSOUTH

CORDLESS SPEAKERPHONE

900MHz FILTERED SOUND™ WITH 40 CHANNEL AUTOSCAN

Model MH9034

OWNER'S MANUAL
INSTALLATION AND
OPERATING
INSTRUCTIONS



PLEASE READ THIS MANUAL CAREFULLY BEFORE USE. KEEP FOR YOUR REFERENCE.

For Getting Started Information, please see Installation Instructions on page 8 or your separate Quick Start guide.

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Special Features

Congratulations on your selection of a quality **BellSouth** product. With proper care and adherence to the set-up and user instructions in this manual, this unit will provide you with years of trouble-free service.

BellSouth is committed to providing quality products that fit your needs. We would like to have any comments or suggestions you might have on this product. You may mail your comments to:

U. S. Electronics
105 Madison Avenue
New York, NY 10016

When examining your new **BellSouth** cordless telephone, you will find an array of special features including:

Filtered Sound™ System - Gets considerably less noise than conventional cordless telephones because of a special circuit which delivers the clearest possible reception.

40 Channel Autoscan - Press the (SCAN) button on the HANDSET to find and lock on to the clearest channel for any call.

Dual Keypads - Send or receive calls on either the HANDSET or the BASE UNIT.

Hands Free Speakerphone - Use the BASE UNIT as a speakerphone and adjust the volume to suit your needs.

Telephone Number Storage - Stores up to 10 frequently called numbers.

Desk or Wall Mount - Use this equipment as a desk phone or as a wall phone.

Tone or Pulse Dialing - Use this phone for either tone or push-button pulse (rotary) dialing.

Two Way Intercom - Place and receive calls from both HANDSET and BASE UNIT.

Automated Functions - Redial the last number called, speed dial 10 numbers on the BASE UNIT and automatic STANDBY.

Security - Ensures greater privacy because a built-in security code with 65,536 combinations prevents use of your telephone line by another nearby cordless phone.

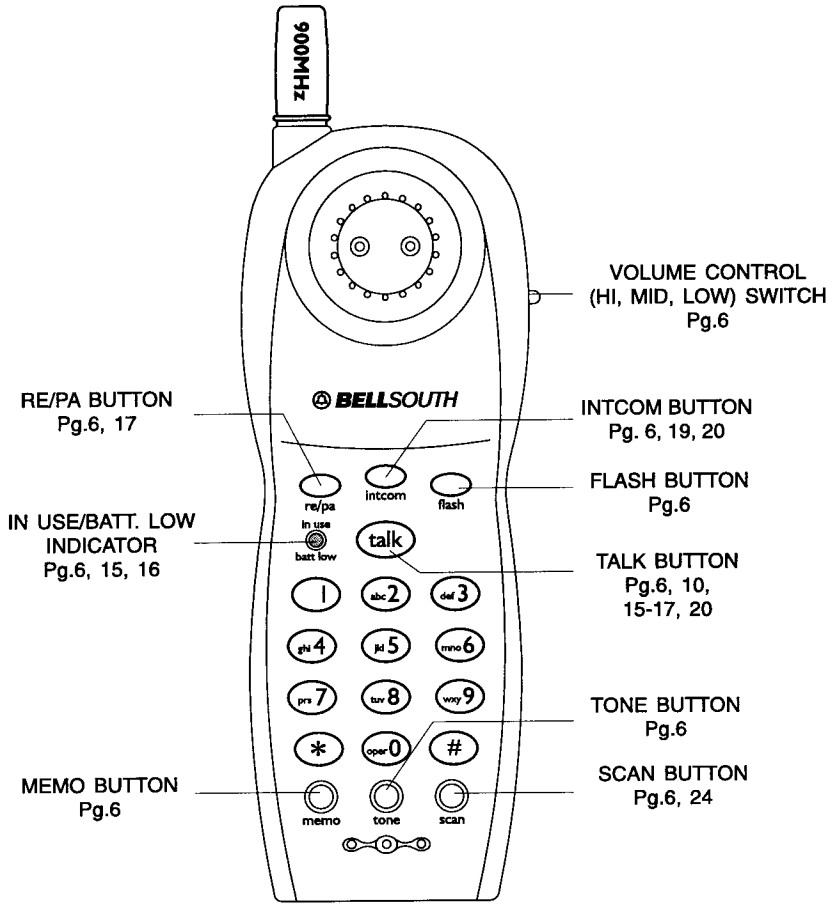
Dependable Battery - Recharge your battery pack many times with the built-in charger. The Battery Low warning tone tells you when the battery needs recharging (see page 21).

Special Services - Use the (FLASH) button to access special services such as Call Waiting supplied by your telephone company or company switchboard.

STANDBY Mode - When in STANDBY mode (ON-HOOK), the phone is capable of receiving a call. When the HANDSET is on the BASE UNIT it is automatically in the STANDBY mode (ON-HOOK). When the HANDSET is taken off the BASE UNIT it remains in the STANDBY mode until you activate the (TALK) button.

Battery Power Saver - Once fully charged, in STANDBY mode, the HANDSET can receive/send calls for a maximum of five days without the need for recharging, depending on frequency of use.

HANDSET Volume Level - Select the HANDSET volume level (HI, MID, LOW).



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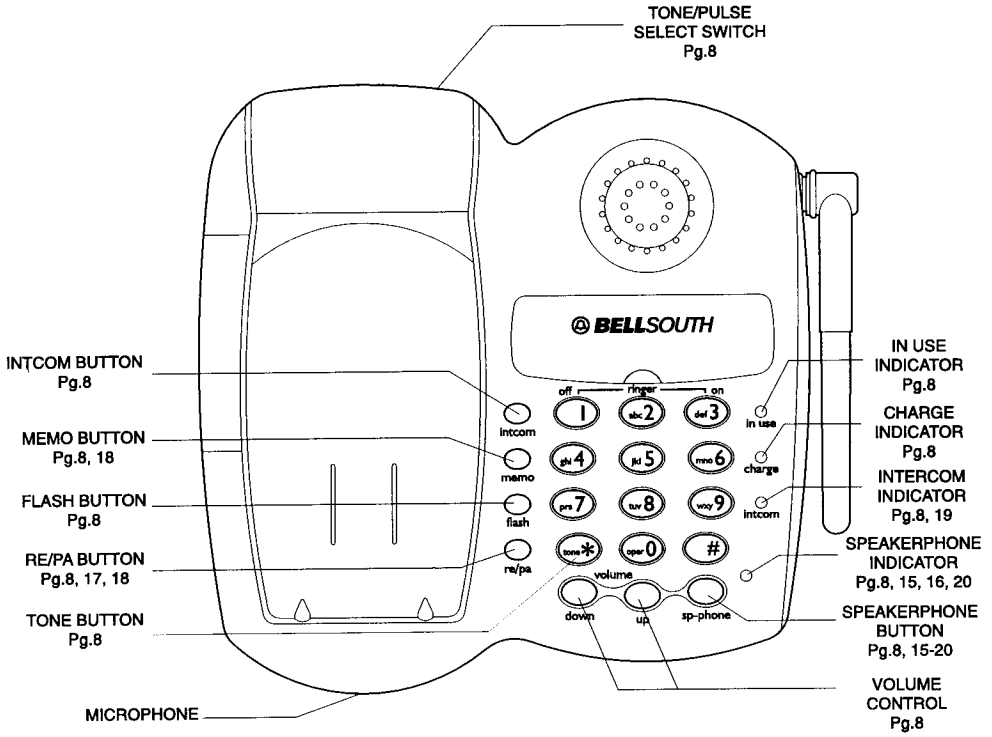
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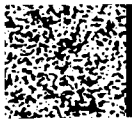


Safety Instructions

IMPORTANT SAFETY INSTRUCTIONS

To reduce the risk of fire, electric shock and/or injury, always follow these basic safety precautions when using your cordless telephone equipment.

1. Read and understand all instructions.
2. Follow all warnings and instructions marked on the telephone.
3. Unplug this telephone from the wall outlet before cleaning or replacing batteries. Do not use liquid cleaners or aerosol cleaners. Use a damp cloth for cleaning. If necessary, use only a mild soap.
4. Do not use this telephone near a bathtub, kitchen sink, wash bowl, laundry tub, swimming pool, in a wet basement, or anywhere else where there is water.
5. Do not place this telephone on an unstable cart, stand or table. A fall could cause serious damage to the phone.
6. This product should never be placed near or over a radiator or heat register. This product should not be placed in a built-in installation unless proper ventilation is provided.
7. Operate this telephone only with the correct electrical voltage shown on the label or in the Owner's Manual. If you are not sure of the voltage in your home, consult your dealer or local power company.
8. Do not allow anything to rest on the power cord. Do not install the phone where people will walk on the cord.
9. Do not overload wall outlets and extension cords. This can increase the risk of fire or electric shock.
10. Never push objects of any kind through slots in the phone. They could touch dangerous voltage points or short out parts that could result in a risk of fire or electric shock. Never spill liquid of any kind on the telephone.
11. To reduce the risk of electric shock, do not take this telephone apart. When service or repair work is required on this telephone, take it to a qualified service representative. Opening or removing covers may expose you to dangerous voltage or other risks. Incorrect re-assembly can cause electric shock when the appliance is used.
12. Unplug this telephone from the wall outlet and consult a qualified service representative in any of the following situations:
    - **A.** When the power supply cord is frayed or damaged.
    - **B.** If liquid has been spilled into the telephone.
    - **C.** If the product has been exposed to rain or water.
    - **D.** If the telephone does not operate normally by following the operating instructions. Adjust only those controls that are covered by the operating instructions. Improper adjustment of other controls may result in damage and will often require extensive work by a qualified technician to restore the telephone to normal operation.
    - **E.** If the telephone has been dropped or the case has been damaged.

F. If the telephone exhibits a distinct change in performance.

13. Avoid using a telephone (other than a cordless type) during an electrical storm. There may be a remote risk of electric shock from lightning.
14. Do not use the telephone to report a gas leak in the vicinity of the leak.
15. Never install telephone wiring during a lightning storm.
16. Never install telephone jacks in wet locations unless the jack is specifically designed for wet locations.
17. Never touch uninsulated telephone wires or terminals unless the telephone line has been disconnected at the network interface.
18. Use caution when installing or modifying telephone lines.

Battery Safety

CAUTION:

To reduce the risk of fire or personal injury, read and follow these instructions:

1. Use only the following type and size battery pack:
   Cordless Telephone Battery Pack
   3.6V, 600mAh
   U.S. Electronics Inc.
   Ni-Cd Battery Pack: model B650
   (See page 21 for ordering information.)

Ni-Cd

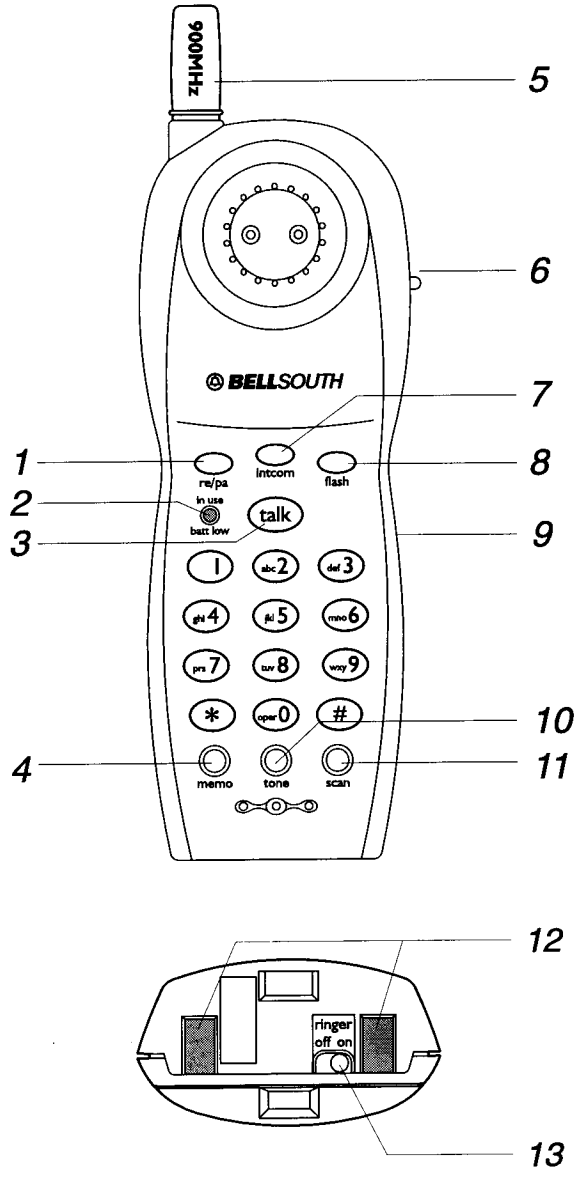
2. Do not dispose of the battery pack in a fire. It may explode. Check with local codes for possible special disposal instructions.
3. Do not open or mutilate the battery pack. Released electrolyte is corrosive and may cause damage to the eyes or skin. It may be toxic if swallowed.
4. Exercise care in handling the battery pack to prevent shorting the battery with conductive materials such as rings, bracelets and keys. The battery or conductor may overheat and cause burns.
5. Charge the battery pack provided with or identified for use with this product only in accordance with the instructions and limitations specified in this manual.

ATTENTION:

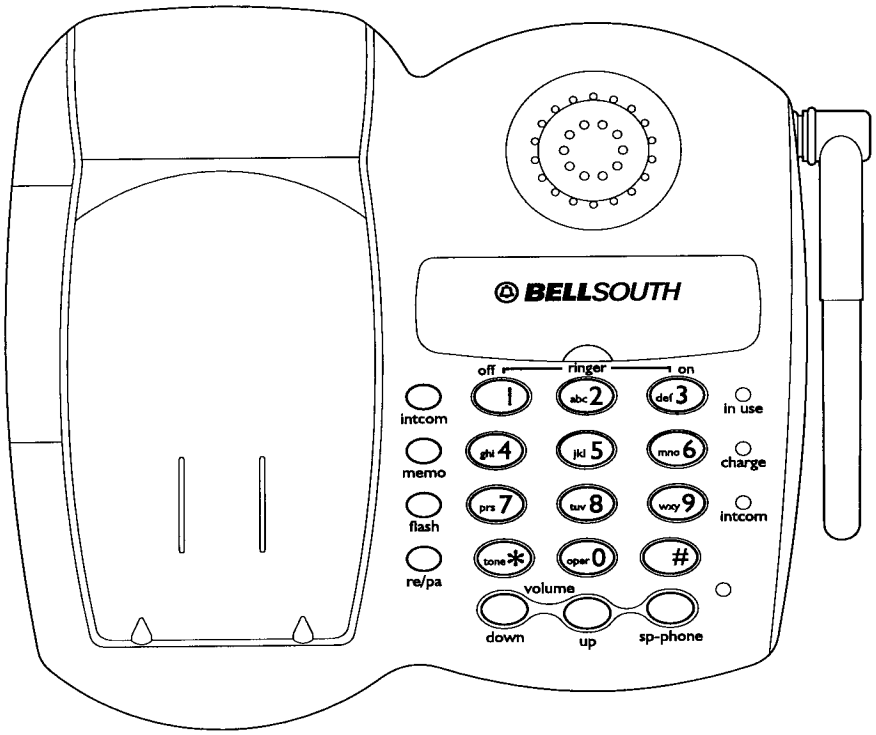
The product that you have purchased contains a rechargeable battery. The battery is recyclable. At the end of its useful life, under various state and local laws, it may be illegal to dispose of this battery into the municipal waste stream. Check with your local solid waste officials for details in your area for recycling options or proper disposal.

SAVE THESE INSTRUCTIONS.

HANDSET Controls



1. **Redial/Pause (RE/PA) Button:** Press to redial the last number called. Press to insert a pause while dialing.
2. **In Use/Batt Low Indicator:** Lights up when the HANDSET is in TALK mode. Blinks when battery power is low. (See page 21 for details)
3. **Talk Button:** Press to answer an incoming call or to place a call. Press to end a call. Press twice to stop paging.
4. **Memo Button:** Press to store phone numbers in memory or to call a number you have stored previously.
5. **ANTENNA**
6. **Volume Control (HI, MID, LOW) Switch:** Select the volume level (HI, MID, LOW).
7. **Intercom Button (INTCOM):** Press to begin an intercom conversation between the HANDSET and the BASE UNIT. Press again to stop.
8. **Flash Button:** Press to answer an incoming call if you have Call Waiting.
9. **Headset Connection Jack**
10. **Tone Button:** Press to change the dialing mode temporarily from Pulse to Tone for Rotary Service Users. (Press once before entering numbers to access the answering system or electronic banking services, etc.)
11. **Scan Button:** Press to change the operating channel when you hear interference.
12. **Charge Contacts:** For charging battery inside the HANDSET. We recommend cleaning the charge contacts periodically with a damp cloth.
13. **Ringer Switch:** Turn to OFF position to disengage the ringer on the HANDSET.


BELLSOUTH
off
ringer
on
intcom
memo
flash
re/pa
in use
charge
intcom
volume
down
up
sp-phone

1. **Power-In Connection Jack**
2. **Telephone Line Connection Jack**
3. **Ringer OFF Button:** Press and hold down to disengage the BASE UNIT Ringer in the STANDBY mode. (See special features section)
4. **Intercom Button:** Press to begin intercom conversation or to page the HANDSET. Press again to stop.
5. **Memo Button:** Press to store phone numbers or to call a number you have stored.
6. **Flash Button:** Press to answer an incoming call if you have Call Waiting.
7. **Redial/Pause (RE/PA) Button:** Press to redial the last number you dialed. Press to insert a pause while dialing. (You will need the (RE/PA) button to dial numbers which use an alternative long distance access code.)
8. **Tone Button:** Press to change the dialing mode temporarily from Pulse to Tone for Rotary Service Users. (Press once before entering numbers to access the answering system or electronic banking services, etc.)
9. **Charge Contacts:** We strongly recommend cleaning of the charge contacts periodically with a damp cloth.
10. **Tone/Pulse Select Switch**
11. **ANTENNA:** Raise for the best reception.
12. **Ringer ON Button:** Press and hold down to turn on the BASE UNIT Ringer in STANDBY mode.
13. **In Use Indicator:** Indicates when HANDSET is in TALK mode.
14. **Charge Indicator:** When the HANDSET is placed on the BASE UNIT for charging, this indicator light will be ON.
15. **Intercom Indicator:** Lights up when the system is being used as an intercom.
16. **Speakerphone Indicator:** Lights up to indicate the BASE UNIT is being used as a speakerphone.
17. **Speakerphone Button:** Press for hands-free telephone conversation and dialing from the BASE UNIT.
18. **Volume Up/Down Button:** Adjusts speaker volume when using the speakerphone.

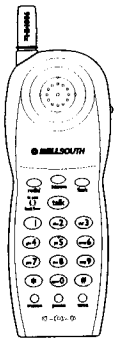
IMPORTANT

Locating your BASE UNIT near appliances such as televisions, refrigerators, radios, or microwave ovens may cause interference.

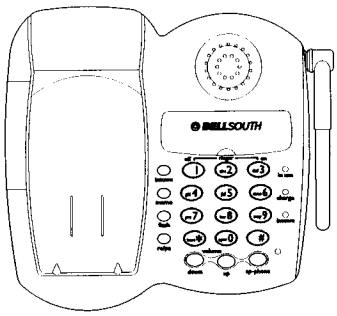
Connecting Your Phone

This section is a reference guide to the basic functions and operations of your cordless telephone. For more detailed descriptions of the operations and features of this telephone, refer to the Contents on page 1.

1. Carefully remove your cordless telephone from its shipping carton. If there is any visible damage, do not attempt to operate this equipment. Return it to the place of purchase.
2. Check to be sure you have all items that come with this cordless telephone system. You should have a HANDSET, BASE UNIT, BELT CLIP, AC ADAPTOR, MOUNTING BRACKET, TELEPHONE LINE CORD, SHORT TELEPHONE LINE CORD and OWNER'S MANUAL.

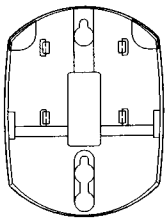


HANDSET

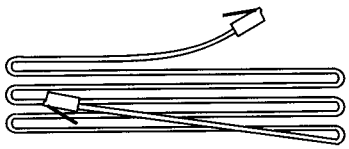


BASE UNIT

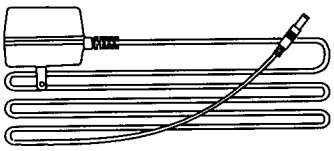
BELT CLIP



MOUNTING BRACKET

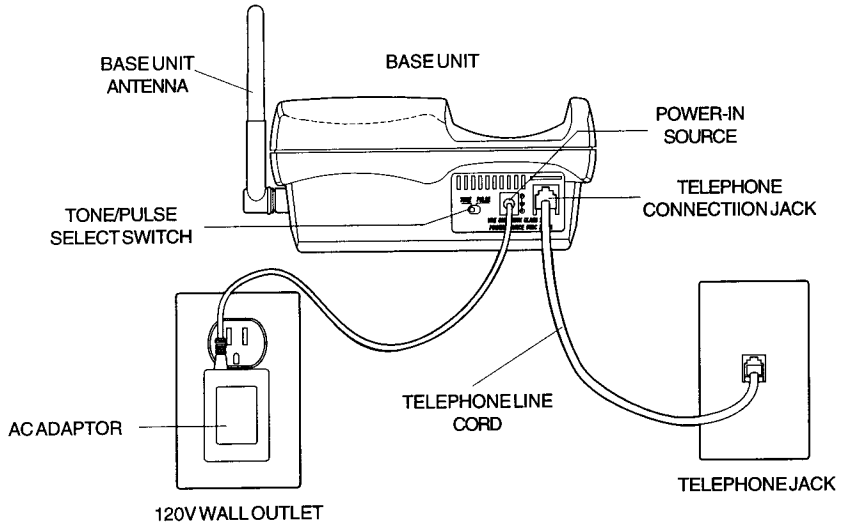


TELEPHONE LINE CORD

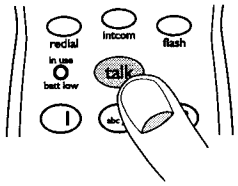


AC ADAPTOR

SHORT TELEPHONE LINE CORD



3. Insert the small plug on the end of the AC ADAPTOR into the POWER-IN connection jack on the back of the BASE UNIT.
4. Plug the AC ADAPTOR into a 120V AC wall outlet.
5. Insert one plug of the TELEPHONE LINE CORD into the house TELEPHONE JACK and the other into the telephone line jack on the back of the BASE UNIT. (If you have an older 4-prong telephone jack, you will need an RJ-11C TELEPHONE JACK ADAPTOR. This adaptor is available at the same place you purchased your telephone.)
6. Raise the ANTENNA on the BASE UNIT for the best reception.
7. We recommend not placing this unit next to appliances. Doing so may cause interference.
8. TONE/PULSE Select Switch:
   - **A.** If your home is equipped with a tone dialing system, set the TONE/PULSE select switch to the TONE position.
   - **B.** If you have a rotary dialing system, set TONE/PULSE select switch to the PULSE position.
   - **C.** If you are unsure which system you have, set the TONE/PULSE select switch to the TONE position. Press the (TALK) button on the HANDSET to get a dial tone, and press any key on the keypad except the zero. If the dial tone continues, you do not have tone dialing service. Press the (TALK) button on the HANDSET to hang up. Set the TONE/PULSE select switch to the PULSE mode and try again.



Press the TALK button to confirm that you have a dial tone. If you do not get a dial tone, review steps 3 through 8. If you still have no dial tone, refer to the Problem Solving section on page 23.

9. **Before initial use, charge the HANDSET for 12 hours.**

You are now ready to use your new BellSouth Cordless Telephone.

Desk Mounting

One of the special features of your equipment is the unique design of the MOUNTING BRACKET which can hold your phone at an angle of 45° when desk mounting. There are two positions to choose from:

1. NORMAL POSITION (Mounting Bracket not required)
   For Normal Position, as shown in Figure 1, place the BASE UNIT on any desired but suitable location.

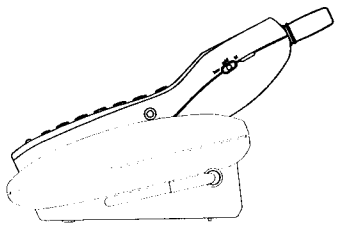


FIGURE 1

2. 45° POSITION (See Figure 2)
   With the back of the BASE UNIT facing up, insert the bottom hooks of the MOUNTING BRACKET into the matching slots of the BASE UNIT (as specified in Figure 3). Then push the top hooks of the MOUNTING BRACKET into place.

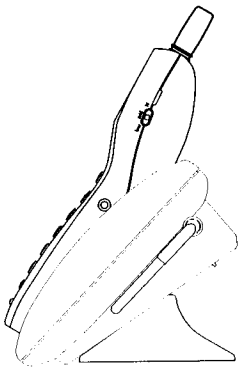


FIGURE 2

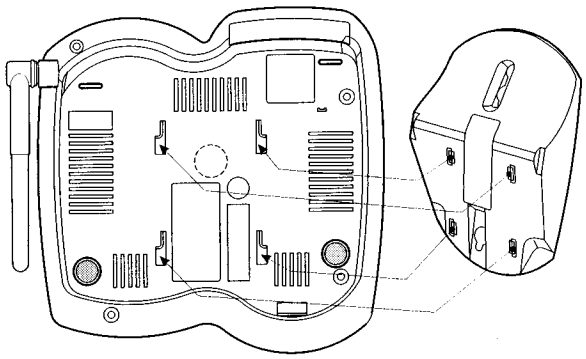
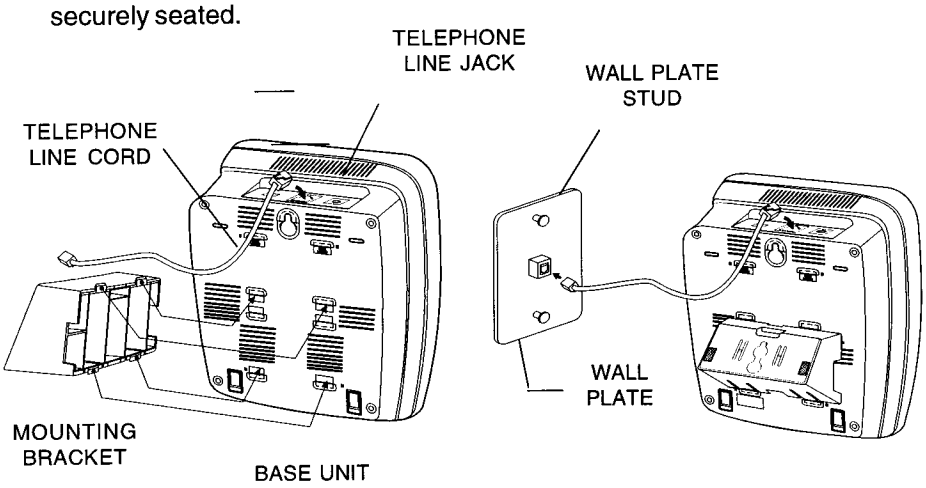


FIGURE 3

Wall Mounting

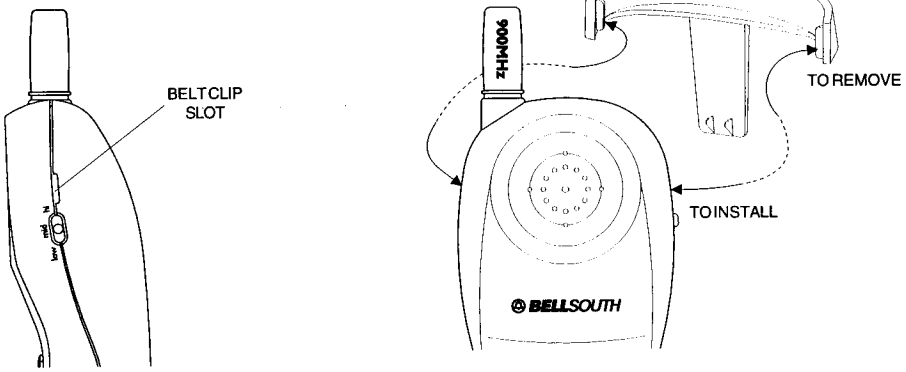
You may choose to put the BASE UNIT of your cordless telephone on a wall.

1. With the back of the BASE UNIT facing up, connect the SHORT TELEPHONE LINE CORD to the telephone line jack.
2. Insert the top hooks of the MOUNTING BRACKET into the matching slots of the BASE UNIT (as shown below). Then push the bottom hooks of the MOUNTING BRACKET into place. Plug the free end of the SHORT TELEPHONE LINE CORD into the MODULAR WALL JACK.
3. Align the upper keyhole on the MOUNTING BRACKET with the upper STUD of the wall plate, so that the opening end of the MOUNTING BRACKET matches the lower stud, then pull the BASE UNIT down until securely seated.



Belt Clip Mounting

You may choose to put the BELT CLIP on the HANDSET for your convenience.



Cordless Telephone Operation

Preparing for Use

Before you can use your cordless telephone, you must charge the HANDSET for 12 hours. Failure to do so will require recharging of the battery pack more often.

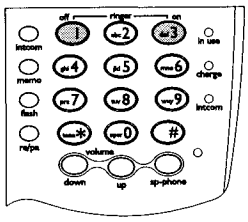
1. Place the HANDSET on the BASE UNIT for 12 hours.
2. After 12 hours, remove the HANDSET from the BASE UNIT.
3. **RAISE THE ANTENNA FOR THE BEST RECEPTION.**

Before you can use your cordless telephone, you must charge the HANDSET for 12 hours. Failure to do so will require more frequent charging of the battery pack. See page 21 for more information on the battery pack.

NOTE:
If you are far away from the BASE UNIT, the HANDSET emits beep sound (every 5 seconds) to warn you that the background noise level is too high for proper communication between the HANDSET and the BASE UNIT.
When you hear this sound, you should move closer to the BASE UNIT to reduce the noise level. Otherwise, the call will **automatically cut off.**

Turning the BASE UNIT Ringer ON/OFF

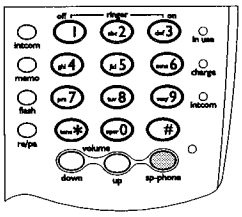
1. Press and hold down the RING ON button until a confirmation tone is heard. The Ringer is activated. The BASE UNIT will ring while receiving an incoming call and intercom function.
2. Press and hold down the RING OFF button until confirmation tones are heard. The Ringer is deactivated. The BASE UNIT will not ring while receiving an incoming call.



IMPORTANT
The AC ADAPTOR must always be plugged into an electrical outlet.

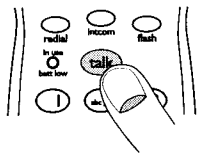
Receiving Calls

Receiving Calls with the BASE UNIT



1. When the phone rings, press the SP-PHONE button. The SP-PHONE indicator will light up.
2. Start your conversation.
3. To end your conversation, press the SP-PHONE button again.

Receiving Calls with the HANDSET



1. When the phone rings, lift the HANDSET and press the TALK button. The BASE UNIT IN USE indicator will light up.
2. Start your conversation.
3. To end your conversation, either press the TALK button or place the HANDSET on the BASE UNIT. When the HANDSET is placed on the BASE UNIT charge cradle, the automatic STANDBY feature is then activated.

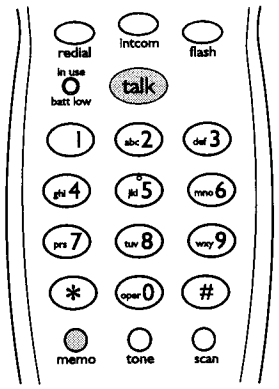
NOTE:

Once the HANDSET is fully charged, it is operable for approximately 6 hours of continuous talk use and approximately 5 days when the HANDSET is left off the BASE UNIT in STANDBY mode depending on frequency of use.

Placing Calls

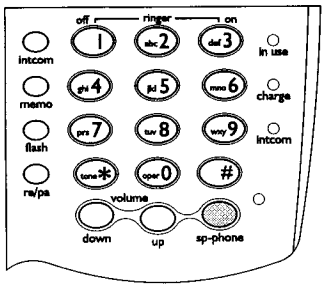
Using the HANDSET

1. Press the TALK button. The BASE UNIT IN USE indicator will light up.
2. Listen for a dial tone.
3. Dial the phone number.
4. When finished with your call, press the TALK button again. The BASE UNIT IN USE indicator will turn off.



Using the BASE UNIT

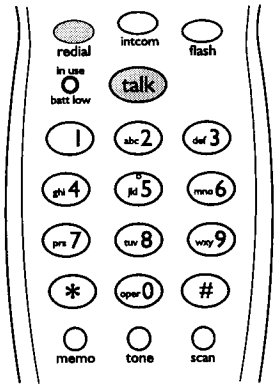
1. Press the SP-PHONE button. The SP-PHONE indicator will light up.
2. Listen for a dial tone.
3. Dial the phone number.
4. When finished with your call, press the SP-PHONE button again. The SP-PHONE indicator will turn off.



Redial Feature

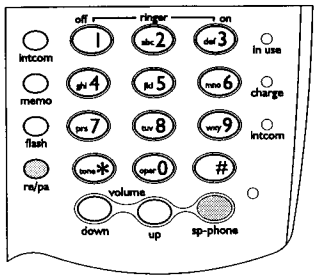
HANDSET Redial Feature

1. If you get a busy tone, press the TALK button to hang up.
2. Press the TALK button again.
3. Listen for a dial tone.
4. Press the REDIAL button. This will automatically redial the last telephone number you called.
5. When finished with your call, press the TALK button again. The BASE UNIT IN USE indicator will turn off.



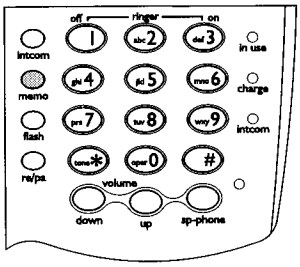
BASE UNIT Redial Feature

1. If you get a busy tone, press the SP-PHONE button to hang up.
2. Press the SP-PHONE button again.
3. Listen for a dial tone.
4. Press the RE/PA button. This will automatically dial the last telephone number you called.



Storing Numbers

Store Numbers on the BASE UNIT



1. Press the MEMO button.
2. Dial the number you want to store.
3. Press the MEMO button again.
4. Press the keypad number (0-9) where you want to store that number.
5. Write the name of the person you will be calling with that number next to the index number on the telephone number label.
6. Repeat for other telephone numbers.

EXAMPLE: To store the number 555-1212 under the index number 1 on the keypad:

1 - Press the MEMO button.

2 - Dial 555-1212.

3 - Press the MEMO button again.

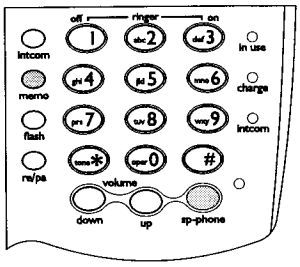
4 - Press 1 on the keypad.

5 - You have stored 555-1212 under key 1 on the key pad.

A total of 10 telephone numbers can be programmed in memory on the BASE UNIT.

IMPORTANT: The maximum number of digits that can be stored for any phone number is 16 in PULSE or TONE mode. The maximum number of digits for mixed (Tone and Pulse in combination) dialing is 15. If you are using a switchboard system to access an outside line (such as an 8 or 9), press the RE/PA button to store a pause.

Recalling Stored Numbers from Memory



1. Press the SP-PHONE button.
2. Press the MEMO button.
3. Press the index number for the number you have stored in the BASE UNIT. The stored number will be dialed automatically.

EXAMPLE: To recall the number 555-1212 stored under memory key 1:

- Press the SP-PHONE button.
- Press the MEMO button.
- Dial 1.

Intercom

This feature allows conversations between the HANDSET and the BASE UNIT.

Calling the BASE UNIT from the HANDSET

1. Press the INTCOM (intercom) button on the HANDSET. The BASE UNIT will ring.
2. Press the INTCOM (intercom) button on the BASE UNIT.
3. Begin conversation.
4. To end the conversation, press the INTCOM button either on the HANDSET or on the BASE UNIT once.

Calling the HANDSET from the BASE UNIT

1. Press the INTCOM (intercom) button on BASE UNIT. The HANDSET will ring.
2. Press the INTCOM (intercom) button on the HANDSET. (The BASE UNIT INTCOM indicator will be ON.)
3. Begin conversation.
4. To end the conversation, press the INTCOM button either on the HANDSET or on the BASE UNIT once.

IMPORTANT

To obtain the best reception, be sure to raise the BASE UNIT antenna.

Transferring Calls

This feature allows you to transfer a call from the HANDSET to the BASE UNIT, or from the BASE UNIT to the HANDSET.

Transferring calls from the HANDSET to the BASE UNIT

1. During a telephone conversation through the HANDSET, press the (INTCOM) (intercom) button on the HANDSET, the BASE UNIT will ring.
2. Press the (INTCOM) (intercom) button on the BASE UNIT, the call is automatically placed on hold. An intercom conversation between the HANDSET and the BASE UNIT is now possible. (BASE UNIT INTCOM indicator will light up.)
3. Press the (SP-PHONE) button on the BASE UNIT to access the call being transferred from the HANDSET to the BASE UNIT.
4. Should the HANDSET user wish to share in the conversation between the BASE UNIT user and the third party, just press the (TALK) button on the HANDSET.

Transferring calls from the BASE UNIT to the HANDSET

1. During a telephone conversation through the BASE UNIT in SPEAKERPHONE mode and the HANDSET is on the cradle, by picking up the HANDSET the call is automatically transferred from the BASE UNIT to the HANDSET.
2. Should the HANDSET be off the cradle and transfer of call is required, press the (INTCOM) button on the BASE UNIT. The HANDSET will ring.
3. Press the (INTCOM) (intercom) button on the HANDSET, the call is automatically placed on hold. An intercom conversation between the BASE UNIT and the HANDSET is now possible.
4. Press the HANDSET (TALK) button to access the transferred call.
5. Should the BASE UNIT user wish to share in the conversation between the HANDSET user and the third party, just press the (SP-PHONE) button on the BASE UNIT.

Security

Security System

Your cordless telephone uses a digital coding security system to prevent unauthorized use of your telephone line by another nearby cordless telephone. The system has its own identifying signal created by microcomputers in both the BASE UNIT and HANDSET.

Security Code

This telephone has an internal security code with 65,536 possible combinations. Each time you pick up the HANDSET, the code is randomly set to a new combination.

Resetting Security Code and Channel Information

Communication between HANDSET and BASE UNIT may not be possible in any of the following situations:

1. After a power failure.
2. After relocating the BASE UNIT by disconnecting the AC ADAPTOR.
3. After replacing the HANDSET battery.

To reset, place the HANDSET on the BASE UNIT for 2 to 5 seconds.

Multi-Channel Access

Your cordless telephone lets you select a channel from the 40 frequencies available to transmit signals between the BASE UNIT and HANDSET. When you notice interference from other cordless telephones, change to another channel by pressing the SCAN button on the HANDSET.

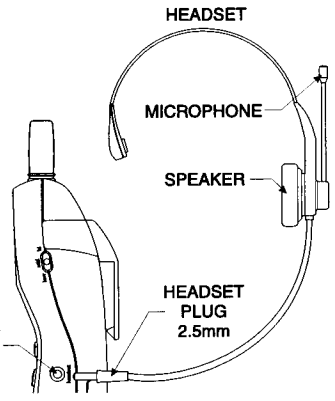
Using the Headset Feature

Your telephone can utilize a headset (not included) to be connected to your HANDSET for you to enjoy a hands-free communication.

Insert the small plug on the end of the headset into the HEADSET JACK at the right side of the HANDSET. Follow the procedures discussed in "Receiving Calls" and "Placing Calls" when to receive and place a call.

NOTE: When you plug in the headset plug into the HEADSETJACK, it automatically mutes the microphone and speaker of the HANDSET. Unplug the headset to return the HANDSET to normal use.

Headsets are available at most retail outlets that sell telephone equipment. The HEADSET JACK is compatible with 2.5mm headset plugs only.



Recharging the Battery Pack

Battery Type

Use the following type and size battery pack:
Cordless Telephone Battery Pack
3.6V, 600mAh
U.S. Electronics Inc.
Ni-Cd Battery Pack: model B650

Ni-Cd

This battery pack is available through:
U.S. Electronics Service Center
105 Madison Avenue
New York, NY 10016
1-800-338-1694

Recharging the Battery Pack

The nickel cadmium (Ni-Cd) batteries in the HANDSET can be recharged many times using the built-in charger in the BASE UNIT.

When the battery is low, a "beep" sound will be heard every 12 seconds. This indicates that the battery pack needs to be recharged.

Charge the batteries at least once every 90 days of non-use to avoid battery failure. When the battery pack can no longer be charged, replacement of the battery pack will be necessary.

The battery used in your telephone may develop a condition known as "MEMORY". Once subjected to a regular short discharging routine, the battery assumes the discharging pattern it was subjected to. This is known as a "MEMORY" condition which causes rapid discharging shortening the battery charge span. If you believe your battery has developed a memory condition, do not charge the HANDSET until the battery low warning starts beeping. When it does come on, charge the HANDSET fully for 12 hours.

IMPORTANT
In order to get maximum life from the HANDSET battery pack, be sure to charge the HANDSET for 12 hours before initial use.

Changing the Battery Pack

Changing the Battery Pack

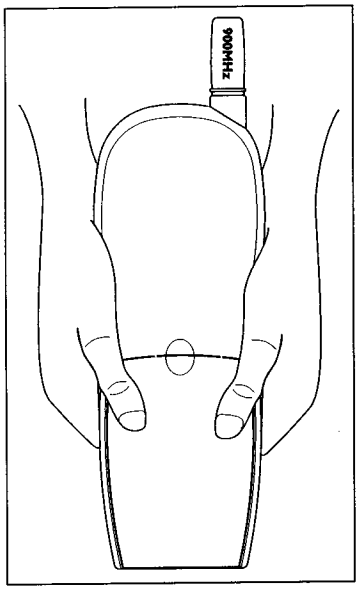
The battery pack provides power for the HANDSET of your cordless telephone.

To Replace the Battery Pack:

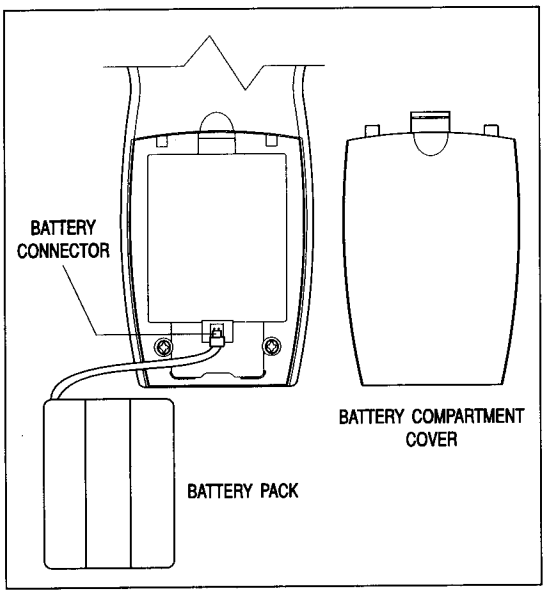
1. Remove the HANDSET battery compartment cover by sliding it down.
2. Pull out the battery connector and remove the battery pack.
3. Plug the new battery pack into the battery connector.
4. Slide the HANDSET battery compartment cover firmly into place in its closed position.
5. Before use, charge the new battery pack for 12 hours.

ATTENTION:

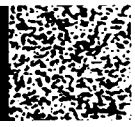
The product that you have purchased contains a rechargeable battery. The battery is recyclable. At the end of its useful life, under various state and local laws, it may be illegal to dispose of this battery into the municipal waste stream. Check with your local solid waste officials for details in your area for recycling options or proper disposal.



Remove the HANDSET battery compartment cover by pressing and sliding it down.



Problem Solving



Problem Solving Section

For your assistance, we have listed below a few common problems.

Phone does not work, check the following:

1. BASE UNIT is plugged into power source.
2. HANDSET is charged.
3. TONE/PULSE SWITCH is in the right position.
4. LINE CORD is plugged into the jack.

Range of phone limited, check the following:

1. ANTENNA on BASE UNIT is raised.
2. BASE UNIT is centrally located in your residence.
3. BASE UNIT is not located near appliances.

No dial tone, check the following:

1. Telephone plug is connected to the telephone line.
2. If you had a power failure or had unplugged the BASE UNIT, replace the HANDSET on the BASE UNIT for 2 to 5 seconds to reset the system.

Received signal flutters or fades, check the following:

1. Battery pack in HANDSET is fully charged.
2. HANDSET is not too far from the BASE UNIT.
3. ANTENNA on BASE UNIT is raised.

Interference on reception, check the following:

1. Noise may be picked up from electrical products in the home or electrical storms. Generally, this noise is a minor annoyance and should not be interpreted as a defect in your system. (See Technical Information on page 25.)
2. Choose an alternate channel using the SCAN button on the HANDSET.

Problem Solving

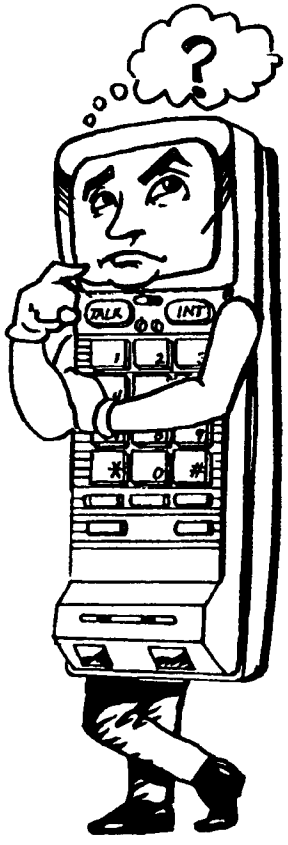
Excess static, check the following:

1. Check to see that the ANTENNA is not touching another metal object.
2. Raise the ANTENNA.

If after pressing the TALK button, you receive three beeps and no dial tone, check the following:

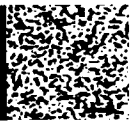
1. Reset the HANDSET by placing it on the BASE UNIT for 2 to 5 seconds.

NOTE: If no telephones in the house are working, disconnect one set at a time to verify that none of the phones are causing the problem. If you still have a problem after doing this and your telephone still does not work, please contact your local phone company.



IMPORTANT

When you hear interference, press the SCAN button to change the operating channel.



Technical Information

This cordless telephone uses radio frequencies to allow mobility. There are certain difficulties in using radio frequencies with a cordless telephone. While these are normal, the following could affect operation of your system.

Noise

Electrical pulse noise is present in most homes at one time or another. This noise is most intense during electrical storms. Certain kinds of electrical equipment such as light dimmers, fluorescent bulbs, motors, and fans also generate noise pulses. Because radio frequencies are susceptible to these noise pulses, you may occasionally hear them in your HANDSET. Generally they are a minor annoyance and should not be interpreted as a defect in your system.

Range

Because radio frequency is used, location of the BASE UNIT can affect operating range. Try several locations in your home or business and pick the one that gives you the clearest signal to the HANDSET.

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 UNIT. You may hear clicks or hear the relay activate while you are not using the HANDSET. If interference occurs frequently, it can be minimized or eliminated by lowering the height of your base antenna or by relocating the BASE UNIT. You can check for interference before selecting the final BASE UNIT location by plugging in the phone.

NOTICE:

This cordless telephone 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 this cordless telephone or cause noise during operation. Units not containing coded access may be accessed by other radio communication systems. Cordless telephones must not cause interference to any licensed radio service.

FCC Requirements

Federal Communications Commission Requirements

This equipment complies with Part 68 of FCC Rules. A label on the BASE UNIT of this equipment contains, among other information, the FCC Registration Number and the Ringer Equivalence Number (REN) for this equipment. You must, upon request, provide this information to your telephone company.

The REN is also useful in determining the quantity of devices that you may connect to your telephone line and still allow these devices to ring when your telephone number is called. In most areas, but not all, the sum of the RENs for all devices connected to one line should not exceed five (5.0). To be certain of the number of devices that you may connect to your line, you should contact your local telephone company.

If your equipment should cause harm to the telephone network, the telephone company may temporarily disconnect your service. If possible, they will notify you in advance that temporary discontinuance of service may be required. However, when advance written notice is not possible, the telephone company may temporarily discontinue service without notice if such action is necessary under the circumstances. The telephone company may make changes in its communication facilities, equipment, operations, or procedures where such action is reasonably required in the operation of its business and is not inconsistent with the rules and regulations of the Federal Communications Commission. **Do not attempt to repair or modify this equipment. Warning:** Changes or modifications not expressly approved by the party responsible for its compliance could void the user's authority to operate the equipment.

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

This equipment should not be used on coin telephone lines. Connection to party line service is subject to state tariffs. If trouble is experienced, disconnect this equipment from the telephone line to determine if it is causing the malfunction. If the equipment is determined to be malfunctioning, its use should be discontinued until the problem has been corrected.

IMPORTANT

In order to get maximum life from the HANDSET battery, be sure to charge the HANDSET for 12 hours before initial use.

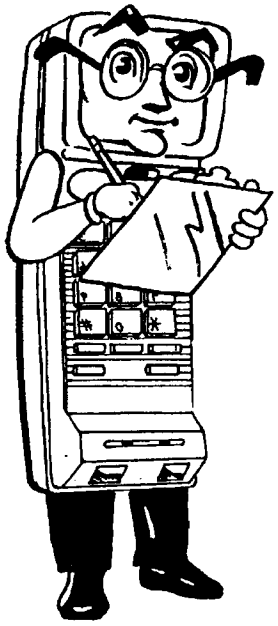
FCC Requirements

Federal Communications Commission Requirements (continued)

NOTE: This equipment has been tested and found to comply with the limits for a class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures.

1. Re-orient or relocate the receiving antenna.
2. Increase the distance between the equipment and receiver.
3. Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
4. Consult the dealer or an experienced radio / TV technician for help.



Warranty

Warranty Information

BellSouth Products
One-Year Limited Warranty

This limited warranty sets forth all **BellSouth Products** responsibilities regarding your product. There are no other expressed or implied warranties from **BellSouth Products**.

Warranty Service Provided

If you purchased the telephone new from a retail vendor, **BellSouth Products** warrants the telephone against defects in material and workmanship for a period of one (1) year from the original date of purchase. This warranty is in lieu of all other expressed warranties. This warranty begins when you purchase the telephone and continues for one (1) year unless you sell or rent the telephone, in which case the warranty stops.

BellSouth Products disclaims any implied warranty, including the warranty of merchantability and the warranty of fitness for a particular purpose, as of the date of one year from your original purchase of the telephone. **BellSouth Products** assumes no responsibility for any special, incidental, or consequential damages.

This warranty gives you specific legal rights and you may have other rights which vary from state to state. Some states do not allow the exclusion or limitations of special, incidental or consequential damages, or limitations on how long a warranty lasts, so the above exclusion and limitation may not apply to you.

Warranty Service Not Provided

This warranty does not cover damage resulting from accident, misuse, abuse, improper installation or operation, lack of reasonable care, unauthorized modification, the affixing of any attachment not provided by **BellSouth Products** with the telephone and/or loss of parts. This warranty is voided in the event any unauthorized person opens, alters or repairs the telephone. All **BellSouth** equipment being returned for repair must be suitably packaged. Telephone companies use different types of equipment and offer various types of services to customers. **BellSouth Products** does not warrant that this telephone is compatible with the type of equipment of any particular telephone company or the services provided by it.

Warranty

What To Do for Warranty Service

During the first thirty (30) days, a defective product is eligible for over-the-counter exchange at the retailer from whom it was purchased. After thirty (30) days, the defective product should be returned to the authorized service center. Please allow a minimum of 3 weeks for the return of your product unless other instructions are provided by U. S. Electronics. The shipping address of the authorized service center is:

U.S. Electronics Service Center
105 Madison Avenue
New York, NY 10016

NOTE: A product received which was not made for **BellSouth Products** or which is not defective as determined by our test procedures will not be repaired and will be returned C.O.D., freight.

To Obtain Warranty Service

- Provide proof of the date of purchase within the package.
- Prepay all shipping costs to the authorized service center.
- Include a return shipping address within the package.

Please retain your sales receipt, the carton, the packing materials, and the printed material. The original carton is the best shipping container for the telephone should you have to return it.

For your reference:

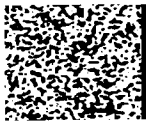
Serial Number _____

Date of Purchase _____

Name of Dealer _____

Customer Service Telephone Number: 1-800-210-8950

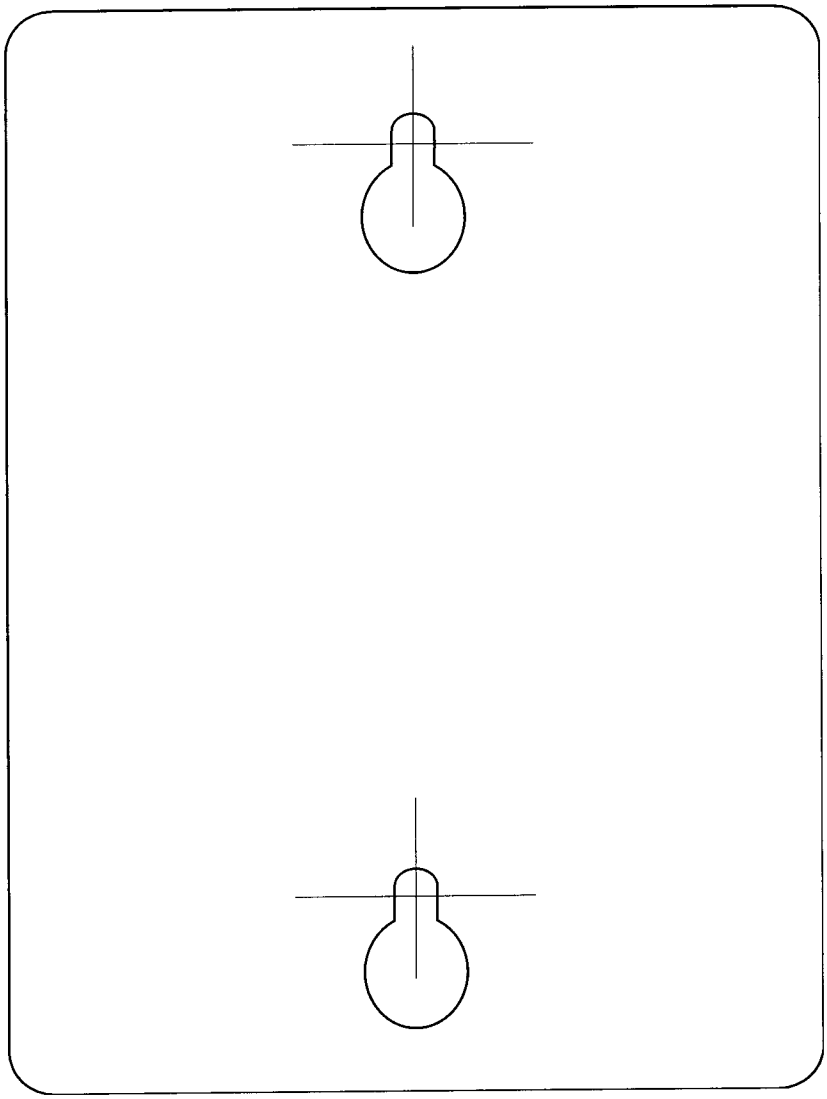
OUTSIDE THE U.S.A. CALL 1-212-242-6978



Notes

Notes

Wall Mount Template



This page serves as a template for attachment of screws to the wall when mounting this telephone on the wall.

1. Cut out this page.
2. Use this template to determine the distance between screws when mounting this phone on the wall.
   The two cross hairs identify where to attach the screws.

IMPORTANT

In order to get maximum life from the HANDSET battery pack, be sure to charge the HANDSET for 12 hours before initial use.

IMPORTANT

Placing your BASE UNIT near appliances such as televisions, refrigerators, radios, or microwave ovens may cause interference.

IMPORTANT

When you hear interference, press the SCAN button to change the operating channel.

IMPORTANT

The AC ADAPTOR must always be plugged into an electrical outlet.

IMPORTANT

To obtain the best reception, be sure to raise the BASE UNIT antenna.

IMPORTANT

If you live in an area which gets frequent thunderstorms, we strongly recommend plugging your AC ADAPTOR into a surge protector.