

IMPORTANT SERVICE INFORMATION

Read this manual before attempting to setup or use this instrument. It contains important information regarding safe installation and use. Keep this manual for future reference.

WARNING

To prevent fire or shock hazard, do not expose this product to rain or any type of excess moisture. If accidentally dropped into water, the telephone line should immediately be unplugged from the wall outlet.



THIS SYMBOL IS INTENDED TO ALERT THE USER OF THE PRESENCE OF IMPORTANT OPERATING AND MAINTENANCE (SERVICING) INSTRUCTIONS IN THE OWNER'S MANUAL.

SAVE THESE INSTRUCTIONS

IMPORTANT SAFETY INSTRUCTIONS

When using your telephone equipment, basic safety precautions should always be followed to reduce the risk of fire, electric shock, and injury to persons, including the following:

1. Read and understand all instructions.
2. Follow all warnings and instructions marked on the product.
3. Unplug this product from the wall outlet before cleaning. Do not use liquid cleaners or aerosol cleaners. Use a damp cloth for cleaning.
4. Do not use this product near water, for example, near a bathtub, washbowl, kitchen sink, or laundry tub, in a wet basement or near a swimming pool.
5. Do not place this product on an unstable cart, stand, or table. The product may fall, causing serious damage to the product.
6. Slots and openings in the cabinet and the back or bottom are provided for ventilation, to protect it from overheating. These openings should never be blocked or covered. The openings should never be blocked by placing the product on the bed, sofa, rug, or other similar surface. 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. This product should be operated only from the type of power source indicated on the marking label. If you are not sure of the type of power supply to your home, consult your dealer or local power company.
8. Do not allow anything to rest on the power cord. Do not locate this product where the cord will be abused by persons walking on it.
9. Do not overload wall outlets and extension cords as this can result in the risk of fire or electric shock.
10. Never push objects of any kind into this product through cabinet slots as they may 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 product.
11. To reduce the risk of electric shock, do not disassemble this product, but take it to a qualified service contractor when some service or repair work is required. Opening or removing covers may expose you to dangerous voltages or other risks. Incorrect reassembly can cause electric shock when the appliance is subsequently used.
12. Unplug this product from the wall outlet and refer servicing to qualified service personnel under the following conditions:
 - A. When the power supply cord or plug is damaged or frayed.
 - B. If liquid has been spilled into the product.
 - C. If the product has been exposed to rain or water.
 - D. If the product does not operate normally by following the operating instructions. Adjust only those controls that are covered by the operating instructions. Improper adjustments of other controls may result in damage and will often require extensive work by a qualified technician to restore the product to normal operation.
 - E. If the product has been dropped or the cabinet has been damaged.
 - F. If the product exhibits a distinctive 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.

SAVE THESE INSTRUCTIONS

INSTALLATION PRECAUTIONS

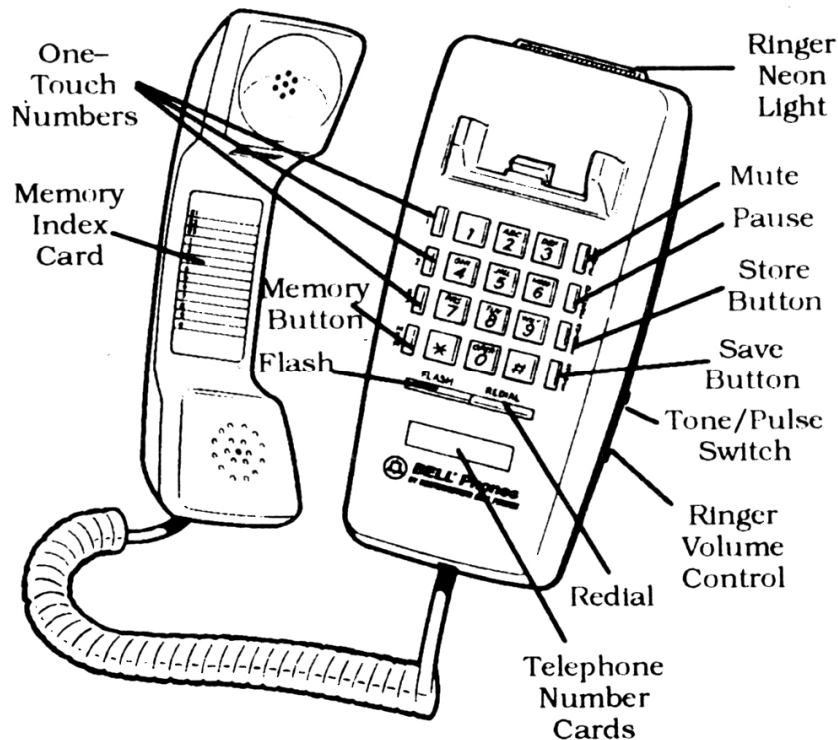
1. Never install telephone wiring during a lightning storm.
2. Never install telephone jacks in wet locations unless the jack is specifically designed for wet locations.

3. Never touch uninsulated telephone wires or terminals unless the telephone line has been disconnected at the network interface.
4. Use caution when installing or modifying telephone lines.

! MAINTENANCE

1. Use a damp cloth to clean the plastic cabinet. A mild soap will help to remove grease or oil. Never use polish, solvents, abrasives or strong detergents since these can damage the finish.
2. Your phone should be situated away from heat sources such as radiators, heaters, stoves or any other appliance

51491 CONTROLS DIAGRAM



DESCRIPTIONS

Emergency Buttons (E1, E2, E3) - Allows one-touch dialing from any one of the three emergency numbers.

FLASH Button - Allows you to quickly access dial tone. It can also be used as an access button for some custom calling features such as Call Waiting or Three Way Calling. When you hear another call coming in or wish to add another party to your conversation, press the FLASH button in order to reach the other call.

Ringer Neon Light - This indicator located on the top of the unit, will flash whenever you receive an incoming call.

MEM (Memory) Button - Allows you to re-call and dial a phone number from the memory.

MUTE Button - Allows you to talk privately without being heard by the other party.

PAUSE Button - Inserts a pause into a sequence of numbers, which are stored in memory, allowing for fast two-touch dialing.

REDIAL Button - The 51491 always “remembers” the last number dialed. If you receive a busy signal or want to recall the last number dialed, simply press the Redial button.

TONE/PULSE Switch - If your home or office is equipped with tone dialing service, set the TONE/PULSE switch to the TONE position. If you have rotary service, set the TONE/PULSE switch to the PULSE position.

RINGER HI/LO/OFF Switch - Allows you to completely turn the ringer off or adjust to high or low.

SAVE Button - Allows you to store a number you just dialed.

STORE Button - This button allows you to store frequently called numbers for one-touch, two-touch dialing. Used with memory functions.

INSTALLATION

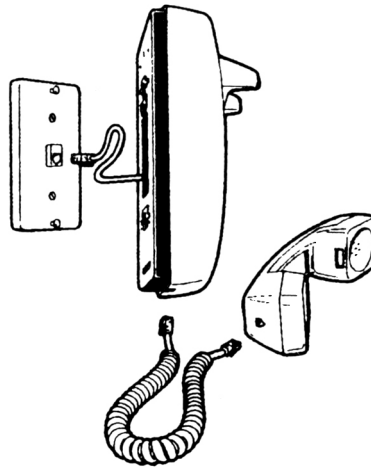
Assembly & Set Up

Carefully insert either of the plug ends of the coiled handset cord into the handset cord jack at the bottom end of the telephone base. Once completed, insert the free end into the jack at the mouthpiece end of the handset. Your 51491 is now ready to be installed.

Wall Use

(With a standard AT&T or GTE modular wall jack)

1. Insert either plug end of the short telephone line cord into the jack on the bottom of the base unit.
2. Insert the free end of the short telephone line cord into the modular wall plate.
3. Align the wall mounting slots with the studs located on the modular wall plate and slide the base down to lock in place.
4. Place the handset in the cradle.



(Figure 1)

NOTE: If you do not have a standard modular wall jack, have a qualified technician mount one on the wall.

TELEPHONE OPERATION

Dialing Mode (TONE/PULSE Switch)

- If your home is equipped with tone dialing service, set the TONE/PULSE switch to TONE position.
- If you have a Pulse (rotary) dialing service, set the TONE/PULSE switch to the PULSE position.

Pulse>Tone (Mixed Mode) Dialing

- If you only have a Pulse (rotary) dialing service in your area and want to access tone dialing services, set the TONE/PULSE switch to the PULSE position. Before dialing the desired number upon picking up the handset, press the TONE * button once. You can then access tone-dialing system for duration of the call.

Adjusting the Ringer Volume - You can adjust the volume of the ringer to any of the following ringer volume levels on the RINGER switch located on the side of the unit:

- HIGH-Sets the ringer to ring loud.
- LOW- Sets the ringer to ring at a moderate volume.
- OFF- Turns off the ringer.

NOTE: If you set the ringer to OFF, the visual ringer light will still flash when receiving a call.

Placing a Call

Lift the handset and the keypad will light. Listen for a dial tone then dial the desired phone number.

Receiving a Call

When the phone rings, lift the handset and start conversation with the caller.

Ending a Call

Upon completion of a call, you can hang up the 51491 by returning the handset back into the handset cradle on the base.

Last Number Redial

The last number redial feature can be used to automatically dial the last number called (up to 31 digits).

1. Pick up the handset and listen for a dial tone.
2. Press the REDIAL button. The phone number dialed last (up to 31 digits) will be dialed out automatically.

FLASH

Pressing this button momentarily hangs up the phone to access custom calling features such as Call Waiting or Three-Way Calling provided by your local phone company. For other Custom Calling features, refer to the instructions provided by your local phone company.

PAUSE

To insert a 4-second delay between dialed numbers in PABX systems or long distance services, press the PAUSE button.

MUTE

1. During an active call, press and hold the MUTE button to prevent the called party from hearing a private conversation.
2. Release the MUTE button to resume normal conversation with the other party.

MEMORY

The 51491 allows you to store 13 frequently dialed numbers (up to 16 digits each). There are three one-touch buttons, which can be used for emergency buttons as well as additional two-touch buttons for your more frequently dialed numbers.

NOTE: Numbers can be stored in the memory in either Tone or Pulse dialing mode.

To Program 3 Emergency Numbers

1. Lift the handset and listen for dial tone.
2. Press and release the STORE button.
3. Enter the number to be stored. (The telephone will not dial out.)
4. Press and release the STORE button.
5. Press the desired location for number (E1, E2 or E3).
6. Follow the above steps until all three emergency numbers have been programmed. Once they have all been stored in memory, replace handset to base.

Note: If line power should be lost, numbers programmed in memory will be retained for up to 2 hours. After that time, random numbers will replace them.

IMPORTANT: When programming emergency numbers and/or making test calls to emergency numbers:

1. Remain on the line and briefly explain to the dispatcher the reason for the call before hanging up.
2. Perform such activities in off-peak hours, such as early morning or late evening.

Dial an Emergency Number

1. Lift handset the listen for a dial tone.
2. Press the emergency button (E1, E2 or E3) where the desired number is stored.

Programming Memory

To Program 10 Frequently Called Numbers

1. Lift the handset and listen for a dial tone.
2. Press and release the STORE button.
3. Enter the number to be stored. (The telephone will not dial out.)
4. Press and release the STORE button.

5. Press a number (0-9) on the keypad, where you want the number stored.
6. Follow the above steps until all ten numbers have been programmed. Once they have all been stored in memory, replace the handset to base.

Dial a Number Stored in Memory

1. Lift the handset and listen for dial tone.
2. Press the MEM button.
3. Press a number (0-9) on the keypad where the desired phone number is stored.

SAVE

The SAVE button can be used to store a number at any time during a conversation, e.g. when you get a number from Directory Assistance. If you wish to save a number during a telephone conversation.

1. Press the SAVE button.
2. Enter the telephone number you wish to save followed by the SAVE button.

To Dial The Number You Stored In Save

1. Hang up the phone or press the flash key to return the dial tone.
2. Press the SAVE button. The number will dialed automatically.

NOTE: The number will be “remembered” until a new number is saved, or until the phone is unplugged or loses power.

TROUBLESHOOTING

SYMPTOM	<i>CAUSE / SOLUTION / SUGGESTIONS</i>
No dial tone.	<ul style="list-style-type: none"> • The handset or telephone line cord may be loose at the connections. Push in firmly at both ends to establish good contacts. • Test the phone at a different telephone wall jack and listen for a dial tone. • Test a different phone in the wall jack and listen for a dial tone.
Will not ring.	<ul style="list-style-type: none"> • Check the Ringer HI/LO/OFF switch. It might be in the OFF position. • Try a different phone; if the problem still exists, the fault is not with the 51491. • Look for the Ringer Equivalence Number (REN) number printed underneath your phone(s). Sum up the total REN numbers for all the phones or answering machines connected to your telephone line. Your phone(s) may not ring if the REN total exceeds five (5). Please call your local company to determine the maximum REN for your calling area.
Static.	<ul style="list-style-type: none"> • Try a different phone; if the problem still exists, the fault is not with the 51491. • Some atmospheric conditions such as very low humidity can cause static build-up.
Cannot dial out.	<ul style="list-style-type: none"> • Are you in a rotary only area? Move the PULSE/TONE Switch to PULSE. • Try a different phone in the jack. If the problem persists, the fault is not in the 51491. • Is the phone connected to an answering machine? Disconnect the answering machine and try the phone plugged into the jack alone. If it works alone, there is a compatibility problem. • Purchase a 2 for 1 adapter at any phone or electrical supply store. Plug the 2 for 1 adapter into the modular wall jack, then plug the phone into one side and the answering machine in the other side of the adapter.
The handset does not stay on the base unit in wall use position	<ul style="list-style-type: none"> • The handset retainer tab must be pulled out, turned around, and put back in its slot. This tab allows the handset to hang onto the base unit while the base unit is placed in the wall mount position. Refer to the “Handset Retainer Tab” installation for more details.