

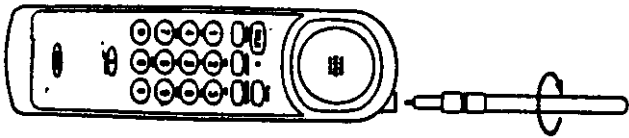
***EXHIBIT D***

***User Manual***

## INSTALLATION

### INSTALLING THE HANDSET'S ANTENNA

Insert the antenna into the hole at the top of the handset, then rotate the antenna clockwise until it is secure.



### SELECTING A LOCATION

You can place the phone on a desk or table, or mount it on a wall. Select a location that is:

- Near an AC outlet
- Near a telephone line jack
- Out of the way of normal activities
- Away from electrical machines, electrical appliances, metal walls or filing cabinets, wireless intercoms, alarms, and room monitors
- Away from other cordless phones

The base's location affects the handset's range. If you have a choice of several locations, try each to see which provides the best performance.

**Caution:** The supplied RadioShack adapter was designed specifically for your ET-551. Use only the supplied adapter.

#### Notes:

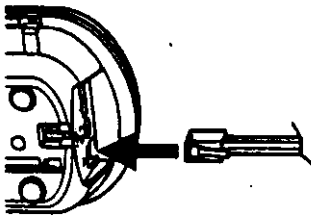
- Your telephone connects directly to a modular telephone line jack. Your phone line jack is not a modular jack, you can update the wiring yourself, using jacks and adapters available at your local RadioShack store. Or, you can let the phone company update the wiring for you.

- The USOC number of the jack that will be installed is RJ11C (RJ11W if you want to mount it on a wall plate).

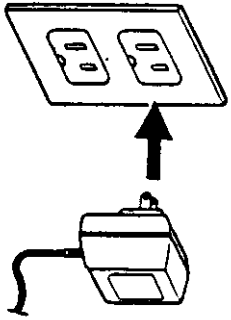
## Placing the Base on a Desk Top

Follow these steps when you place the base on a desk, shelf, or table.

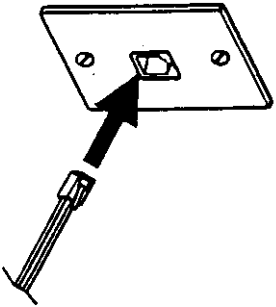
1. Plug one end of the supplied long modular cord into the LINE jack on the back of the base.



2. Plug the adapter into a standard AC outlet.



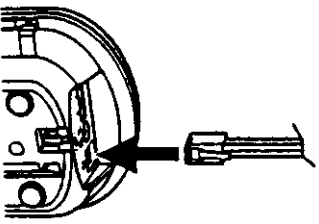
3. Plug the modular cord's other end into a modular phone line jack.



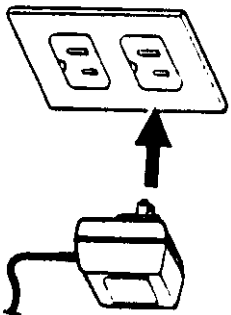
4. Fully extend the base's antenna and place it in a vertical position.

## Mounting the Base on a Wall Plate

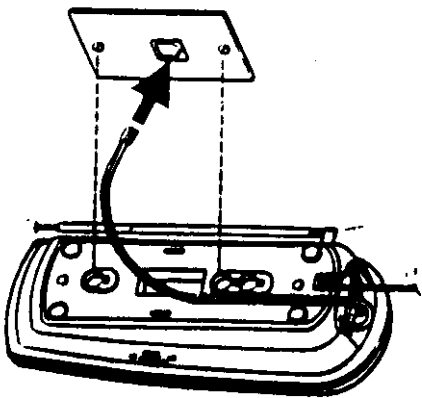
1. Plug one end of the supplied short modular cord into the LINE jack on the back of the base.



2. Plug the adapter into a standard AC outlet.



3. Plug the short modular cord other end into the wall plate jack; then align the base's keyhole slot with the wall plate studs and slide the base downward to secure it.

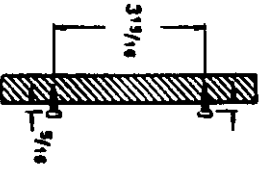


4. Fully extend the base's antenna and place it in a vertical position.

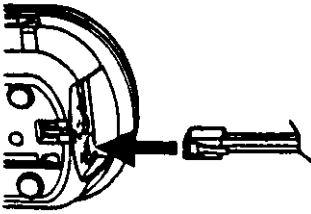
## Mounting the Base Directly on the Wall

For this mounting method, you need two wood screws (not supplied) with heads that fit into the keyhole slots on the bottom of the base.

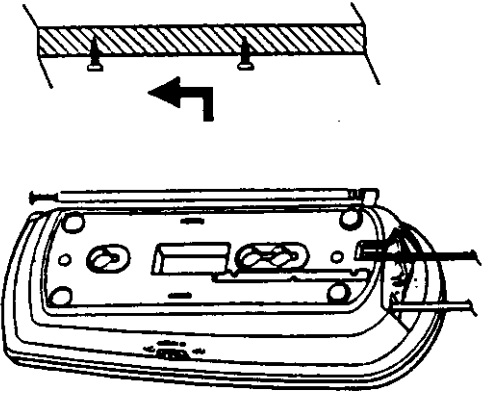
1. Drill two holes  $3\frac{1}{8}$  inches apart. Then thread a screw into each hole, letting the heads extend about  $\frac{1}{8}$  inch from the wall.



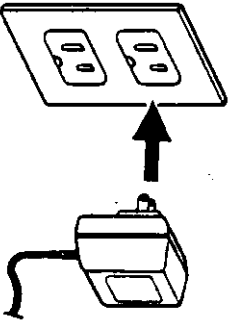
2. Plug one end of the supplied short modular cord into the LINE jack on the back of the base.



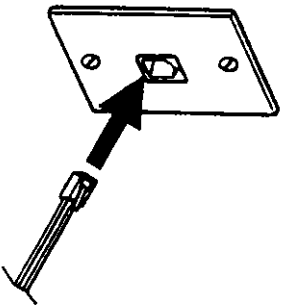
3. Align the keyhole slots with the mounting screws and slide the base downward to secure it.



4. Plug the adapter into a standard AC outlet.



5. Plug the cord's other end into a modular phone line jack.



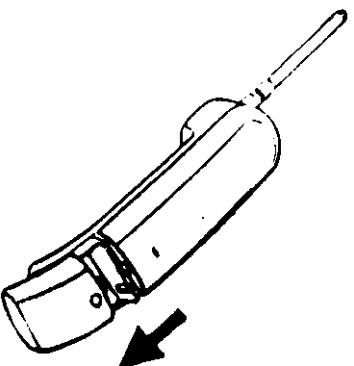
6. Fully extend the base's antenna and place it in a vertical position.

## CONNECTING AND CHARGING THE BATTERY PACK

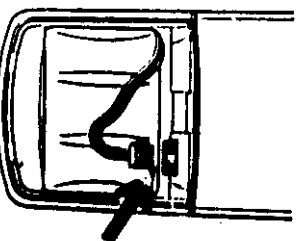
The ET-551 comes with a rechargeable nickel-cadmium battery pack. Before using your phone, you must connect the battery pack then charge it for about 24 hours.

Follow these steps to charge the battery pack.

1. Press down and slide off the handset's battery compartment cover as shown.

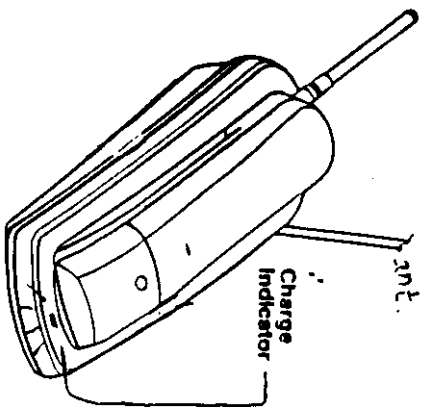


2. Insert the battery pack's connector into the phone's socket. The plug fits only one way.



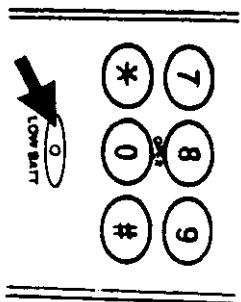
3. Replace the cover.

4. To charge the battery pack, simply place the handset on the base.



The CHARGE indicator on the base lights.

Recharge the battery pack when the LOW BATT indicator on the handset flashes.



**Notes:**

- If the CHARGE indicator does not light when you place the handset on the base, be sure the battery pack and AC adapter are correctly and securely connected.
- When you first use the phone after charging or recharging the battery pack, the phone might not work and you might hear an error

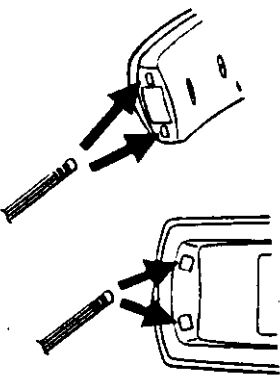
tone. If this happens, return the handset to the base for a few seconds.

- If the LOW BATT indicator does not light, but the phone does not work, recharge the battery pack. The battery voltage might be too low to light the indicator.

- If the battery pack gets weak during a call, the handset sounds three beeps every 30 seconds, and the LOW BATT indicator flashes for 2 minutes. After 2 minutes, the phone automatically disconnects. If this happens, you cannot make another call on the phone until you recharge the battery pack.

- About every 30 days, fully discharge the battery pack by keeping the handset off the base until the LOW BATT indicator lights. Otherwise, the battery pack loses its ability to fully recharge.

- Using a pencil eraser, clean the charging contacts on the handset and the base about once a month to make sure they are not dirty or tarnished.

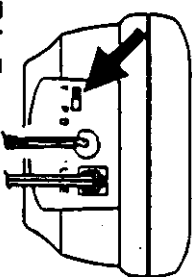


- If the battery pack gets completely discharged, the ET-551 loses the security access-protection code. To reset the code, place the handset on the base and charge the battery pack.

- The supplied battery pack should last about a year. When the battery pack loses its ability to fully recharge, order a replacement battery pack from your local RadioShack store (see "Replacing the Battery Pack" on Page 19).

## SETTING THE DIALING MODE

Set T/P (Tone/Pulse) on the back of the base for the type of service you have. If you are not sure which type you have, do this test.



1. Set T/P to T.
2. Lift the handset, press TALK, and listen for a dial tone.
3. Press any number other than 0.

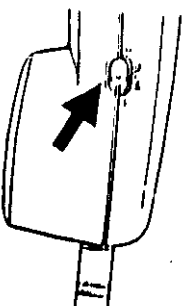
**Note:** If your phone system requires that you dial an access code (9, for example) before you dial an outside number, do not press the access code either.

If the dial tone stops, you touch-tone service. Leave T/P to T.

If the dial tone continues, have pulse service. Set T/P to

## SETTING THE VOLUME

Adjust VOLUME on the side of handset to control the volume of sound you hear through the handset.



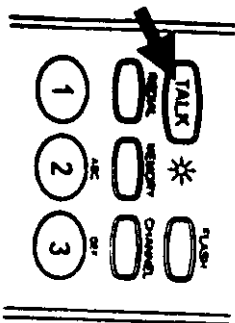
# OPERATION

## MAKING AND RECEIVING CALLS

To make a call, pick up the handset and press TALK. When the TALK indicator lights steadily and you hear the dial tone, dial the phone number.

To answer a call if the handset is on the base, simply lift the handset and begin your conversation.

To answer a call if the handset is not on the base, press TALK on the handset before speaking.

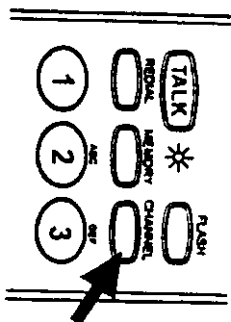


To end a call, place the handset on the base or press TALK.

Note: If you press TALK to hang up and the phone does not disconnect, place the handset on the base or press TALK again while holding the handset closer to the base.

## CHANGING THE CHANNEL

The ET-551 finds a clear channel for each call, but if you notice interference during a call, you can press CHANNEL to find a clearer channel.

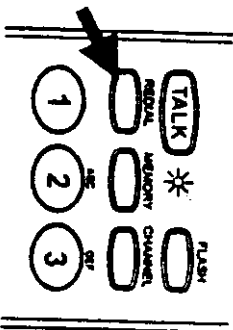


The ET-551 changes to a different channel each time you press CHANNEL.

Note: If the handset is too far from the base, the channel might not change. Move closer to the base and try again.

## USING REDIAL

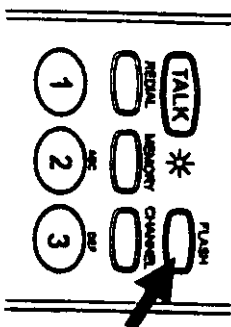
REDIAL lets you quickly dial the last number dialed. When you hear the dial tone after pressing TALK, simply press REDIAL.



Note: The redial memory does not store a flash entry (see "Using Flash" on Page 13).

## USING FLASH

FLASH performs the electronic equivalent of a switchhook operation for special services, such as Call Waiting.



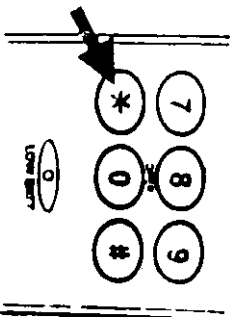
For example, if you have Call Waiting, press FLASH to answer an incoming call without disconnecting the current call. Press FLASH again to return to the first call.

Note: If you do not have any special phone services, pressing FLASH might disconnect the current call.

## USING TONE SERVICE ON A PULSE LINE

Some special services, such as by-phone, require tone signals. If you have pulse service, you can still use these special tone services by following these steps:

1. Be sure T/P is set to P.
2. Press TALK.
3. When you hear the dial tone, press the service's main number.
4. When you want to send tone signals, press \*. Any additional numbers you dial are sent as signals.



5. After you complete the call, place the handset to the base or press TALK. The phone automatically resets to the pulse mode.

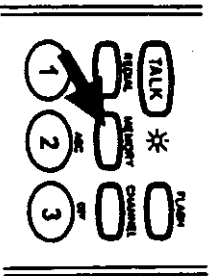
## MEMORY DIALING

You can store up to 16 digits in each of the ten memory locations, then dial a stored number by pressing a one-digit memory location number.

### Storing a Number In Memory

**Note:** An error tone sounds and the phone exits the programming mode if you wait more than about 6 seconds between each key press or enter more than 16 digits.

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



2. Enter the phone number and any tone and pause entries (see "Using Tone Services on a Pulse Line" on Page 13 and "Entering a Pause" on Page 15).

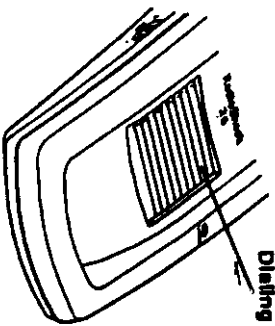
**Note:** Each tone or pause entry uses one digit of memory.

3. Press **MEMORY**, then enter the memory location number (0-9). A single tone sounds to indicate that the number is stored.

Repeat Steps 2-4 for each number you want to store.

**Note:** If three quick beeps sound, you have made an error and the number was not stored. Start again from Step 2.

For each stored number, write the person's or company's name next to the appropriate location number on the memory dialing card. We recommend you use a pencil in case you want to change the number later.



Memory Dialing Card

To erase a stored number, simply store a new number in its place.

### Entering a Pause

In some telephone systems, you must dial an access code (9, for example) and wait for a second dial tone before you can dial an outside number. You can store the access code with the phone number. However, you should also store a pause after the access code to allow the outside line time to connect.

To do so, press **REDIAL** at the appropriate place to enter a 4-second pause. For a longer pause, press **REDIAL** additional times.

### Dialing a Memory Number

To dial a number stored in memory press **TALK**. When you hear a dial tone, press **MEMORY** and enter the memory location number for the number you want to dial.

### Chain-Dialing Service Numbers

When calling special services (such as alternate long distance or bank phone), dial the service's main number first. Then, at the appropriate place in the call, press **MEMORY** then the number for the location where the additional information is stored.

### Testing Stored Emergency Numbers

If you store an emergency service number (police department, fire department, ambulance) and you choose to test the stored number, make a test call during the late evening or early morning hours to avoid peak demand periods. Also, remain on the line to explain the reason for your call.

USER INFORMATION

INFORMATION TO THE USER  
\*\*\*\*\*

This device complies with part 15 of the FCC Rules.

Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference, and
- (2) This device must accept any interference received, including interference that may cause undesired operation.

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:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This booklet is available from the US government Printing Office  
\*Washington, DC 20402, Stock NO. 004-000-00345-4.

**CAUTION:** Any changes or modifications not expressly approved by the grantee of this device could void the users authority to operate the equipment.