



RadioShack®

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**900 MHz Digital Spread
Spectrum Cordless Phone
with Digital Answerer and Caller
ID/Call Waiting Deluxe**



Owner's Manual
Please read before using this equipment.

Read This Before Installation

We have designed your phone to conform to federal regulations, and you can connect it to most telephone lines. However, each device you connect to the telephone line draws power from the telephone line. We refer to this power draw as the device's ringer equivalence number, or REN on the bottom of your phone.



If you use more than one phone or other device on the line, add up all of the RENs. If the total is more than five (three in rural areas), your telephones might not ring. If ringer operation is impaired, remove a device from the line.

Important: Cordless phones such as this one require AC power to operate. When the AC power is off, you cannot dial out or receive incoming calls using your cordless phone. For this reason, a cordless phone should not be your only telephone. To be safe, you should also have a phone that does not require AC power to operate (not a cordless phone) so you can still make and receive calls if there is an AC power failure.

Some cordless phones operate at frequencies that might cause interference to nearby TVs and VCRs. To minimize or prevent such interference, the base of the cordless phone should not be placed near or on top of a TV or VCR.

Your telephone operates on standard radio frequencies as allocated by the FCC. Even though the access protection code prevents unauthorized use of your phone line, it is possible for other radio units operating on similar frequencies within a certain area to unintentionally intercept your conversations and/or cause interference. This lack of privacy can occur with any cordless phone.

WARNING: To reduce the risk of fire or shock hazard, do not expose this product to rain or moisture.

	CAUTION RISK OF ELECTRIC SHOCK. DO NOT OPEN.	
CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER OR BACK. NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED PERSONNEL.		



This symbol is intended to alert you to the presence of uninsulated dangerous voltage within the product's enclosure that might be of sufficient magnitude to constitute a risk of electric shock. Do not open the product's case.



This symbol is intended to inform you that important operating and maintenance instructions are included in the literature accompanying this product.

FCC STATEMENT

Your phone complies with Part 68 of *FCC Rules*. You must, upon request, provide the FCC registration number and the REN to your telephone company. Both numbers are the bottom of your phone.

Note: You must not connect your phone to:

- coin-operated systems
- party-line systems
- most electronic key telephone systems

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In the unlikely event that your phone causes problems on the phone line, the phone company can temporarily discontinue your service. If this happens, the phone company attempts to notify you in advance. If advance notice is not practical, the phone company notifies you as soon as possible and advises you of your right to file a complaint with the FCC.

Also, the phone company can make changes to its lines, equipment, operations, or procedures that could affect the operation of this telephone. The telephone company notifies you of these changes in advance, so you can take the necessary steps to prevent interruption of your telephone service.

Lightning

Your telephone has built-in protection circuits to reduce the risk of damage from surges in telephone line and power line current. These protection circuits meet or exceed the FCC requirements. However, lightning striking the telephone or power lines can damage your telephone.

Lightning damage is not common. Nevertheless, if you live in an area that has severe electrical storms, we suggest that you unplug your phone when storms approach to reduce the possibility of damage.

IMPORTANT CALLER ID INFORMATION

To use the system's Caller ID and Call Waiting features, you must be in an area where those services are available and you must subscribe to those services through your local phone company.

Where Caller ID is offered, one or more options are generally available:

- caller's number only

- caller's name only
- caller's name and number

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. Never install telephone wiring during a lightning storm.
4. Never install telephone jacks in wet locations unless the jack is specifically designed for wet locations.
5. Never touch uninstalled telephone wires or terminals unless the telephone line has been disconnected at the network interface.
6. Use caution when installing or modifying telephone lines.
7. Do not attach the AC power supply cord to building surfaces with metal fittings (if the product has an AC power cord).
8. Unplug this product from the wall outlet before cleaning. Do not use liquid cleaners or aerosol cleaners. Use a damp cloth for cleaning.
9. Do not use this product near water, for example, near a bathtub, wash bowl, kitchen sink, aquarium, or laundry tub, in a wet basement, or near a swimming pool.
10. Do not place this product on an unstable cart, stand, or table. The product may

- fall, causing serious damage to the product.
11. Slots and openings in the cabinet and the back or bottom are provided for ventilation. To protect the product from overheating, these openings must not be blocked or covered. The openings should never be blocked by placing the product on a bed, sofa, rug, or other similar surface. This product should not be placed in a built-in installation unless proper ventilation is provided.
 12. This product should never be placed near or over a radiator or heat register.
 13. 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 local power company.
 14. Do not allow anything to rest on the power cord. Do not locate this product where the cord will be stepped on.
 15. Do not overload wall outlets and extension cords as this can result in a risk of fire or electric shock.
 16. 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.
 17. To reduce the risk of electric shock, do not disassemble this product. Take it to a qualified serviceman when service or repair work is required. Opening or removing covers may expose you to dangerous voltage or other risks. Incorrect reassembly can cause electric shock when the product is subsequently used.
 18. Unplug this product from the wall outlet and refer servicing to qualified service personnel under the following conditions:
 - When the power cord plug is damaged or frayed.
 - If liquid has been spilled into the product.
 - If the product has been exposed to rain or water.
 - If the product does not operate normally by following the operating instructions. Adjust only those controls that are covered by the operating instructions because improper adjustment of other controls may result in damage and will often require extensive work by a qualified technician to restore the product to normal operation.
 - If the product has been dropped or the cabinet has been damaged.
 - If the product exhibits a distinct change in performance.
 19. Avoid using a telephone (other than a cordless type) during an electrical storm. There may be a remote risk of electric shock from lightning.
 20. Do not use the telephone to report a gas leak in the vicinity of the leak.

BATTERY SAFETY INSTRUCTIONS

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

1. Use only the appropriate type and size battery pack specified in the instruction manual provided for this product.

2. Do not dispose of the battery pack in a fire. The cell 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 in order not to short it with conducting 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 the instruction manual provided for this product.
6. Observe proper polarity orientation between the battery pack and battery charger.

SAVE THESE INSTRUCTIONS

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□ **Features**

Your RadioShack 900 MHz Digital Spread Spectrum Cordless Phone uses advanced technology for superior audio quality and extended range. Caller ID records each caller's telephone number (and name, if available in your area) and the date and time of the call, as provided by your local phone company to Caller ID service subscribers.

If you subscribe to Call Waiting and Caller ID, the phone can show you the incoming caller information, even when you are already talking on the phone.

The phone's features include:

Spread Spectrum Technology — spreads the signal across several frequencies, providing additional security for your phone conversations.

Caller ID/Call Waiting Deluxe — gives you several options for handling waiting callers (you must subscribe to the Call Waiting Options Service through your phone company to use this feature).

20 Number Memory Dialing — lets you store up to 20 numbers in memory for easy dialing.

Headset Jack — for optional hands-free use with a headset (available at your local RadioShack store).

Security Access-Protection Code — helps prevent other cordless phone users from using your phone line while the handset is off the base.

3-Number Redial — lets you quickly redial any of the last three numbers dialed.

Auto Talk — you can set the phone so you can answer a call simply by lifting the handset from the base.

Any-Key Answer — you can set the phone so you can press any key to answer a call when the handset is away from the base.

Hearing-Aid Compatibility — lets you use your phone with hearing aids that have a T (telephone) switch.

The Telephone Answering Device (TAD) stores up to 20 minutes of messages on a computer chip and records each message's day and time. This gives you advanced capabilities over tape-based answering machines:

- You can delete individual messages and save the rest.
- There are no tapes to bother with and no tape mechanisms to wear out.

The remote operation feature lets you operate your TAD from a touch-tone phone or from a rotary phone with a pocket tone dialer.

The TAD's features include:

Phone Pick-Up Detection — stops recording when you pick up any phone on the same line as the TAD, and resets to answer the next call.

Voice-Prompted Menu Setting — lets you set the TAD's various functions through the voice guidance.

Programmable Security Code — you can set a two-digit security code to secure remote operation.

3 Mail Boxes — you can select a mail box so you can record your message from remote location.

□ Installation

CHOOSING A LOCATION

You can place the phone's base on a desk or table, or mount it on a standard wall plate or directly on a wall. Choose a location that is:

- near an AC outlet
- near a modular telephone line jack
- out of the way of normal activities
- away from electrical machinery, electrical appliances, metal walls or filing cabinets, wireless intercoms, alarms, and room monitors
- away from other cordless phones

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

Cautions:



You must use a Class 2 power source that supplies 9V DC and delivers at least 350 mA. Its center tip must be set to positive and its plug must fit the phone's **DC IN 9V** jack. The supplied adapter meets these specifications. Using an adapter that does not meet these specifications could damage the phone or the adapter.

- Always connect the AC adapter to the phone before you connect it to AC power. When you finish, disconnect the adapter from AC power before you disconnect it from the phone.

Your telephone connects directly to a modular telephone line jack. If your telephone wiring does not have a modular jack, you can update the wiring yourself using jacks and

adapters (available at your local RadioShack store), or have the telephone company update the wiring for you. You must use compatible modular jacks that are compliant with Part 68 of *FCC Rules*.

Note: The USOC number of the jack to be installed is RJ11C (or RJ11W for a wall plate jack).

MOUNTING THE SYSTEM

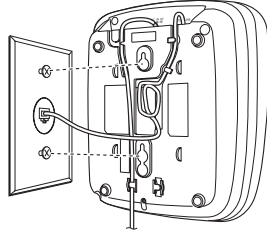
On a Desk

1. Plug one end of the supplied long modular cord into the base's **TEL LINE** jack.
2. Insert the supplied AC adapter's barrel plug into the base's **DC IN 9V** jack.
3. Route the adapter's cord through the strain relief slot on the base.
4. Plug the modular cord's other end into the phone jack.
5. Plug the adapter into a standard AC outlet.
6. Lift the base's antenna to a vertical position.

On a Wall Plate

1. Plug one end of the supplied short modular cord into the base's **TEL LINE** jack.
2. Insert the supplied AC adapter's barrel plug into the base's **DC IN 9V** jack.
3. Route the AC adapter and modular cords through the grooves on the base.
4. Plug the modular cord's other end into the wall plate jack, then align the base's

keyhole slots with the wall plate studs and slide the base down to secure it.

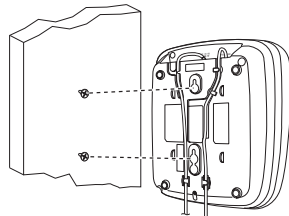


5. Plug the adapter into a standard AC outlet.
6. Lift the base's antenna to a vertical position.

On a Wall

To mount the TAD directly on a wall, you need two screws of at least $1\frac{3}{8}$ inch long (not supplied) with heads that fit into the keyhole slots on the bottom of the base.

1. Drill two holes $3\frac{15}{16}$ inches (100 mm) apart. Then thread a screw into each hole, letting the heads extend about $\frac{1}{8}$ inch (3 mm) from the wall.
2. Plug one end of the supplied long modular cord into the base's **TEL LINE** jack.
3. Insert the supplied AC adapter's barrel plug into the base's **DC IN 9V** jack.
4. Route the adapter cable and modular cords through the grooves on the base.
5. Align the base's keyhole slots with the mounting screws and slide the base down to secure it.



6. Plug the modular cord's other end into the phone jack.
7. Plug the adapter into a standard AC outlet.
8. Lift the base's antenna to a vertical position.

CONNECTING, CHARGING, AND REPLACING THE BATTERY PACK

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

1. Press down and slide off the battery pack compartment cover.
2. Lift the battery pack out of the compartment.
3. Plug the battery pack's connector into the socket in the compartment, (the connector fits only one way), replace the battery pack, and replace the cover.

To charge the battery pack, place the handset either faceup or facedown on the base. The **CHARGE/IN USE** indicator on the base lights.

Note: Be sure the battery pack is properly connected before you try to charge it. The **CHARGE/IN USE** indicator lights when the handset is on the base even if the battery pack is not properly connected.

Recharge the battery pack when **Low Battery** flashes on the display.

Notes:

- When you first use the phone after charging or recharging the battery pack, the phone might not work and you might

hear a five-beep error signal. Return the handset to the base for about 5 seconds to reset the security access-protection code.

- If the handset or the base loses power, the security access-protection code might be lost. To reset the code, return the handset to the base for about 5 seconds.
- Using a pencil eraser, clean the charging contacts on the handset and base about once a month.
- If the battery pack becomes weak during a call, the handset beeps every 3 seconds and **Low Battery** flashes. When this happens, you cannot make a call until you recharge the battery pack.
- About once a month, fully discharge the battery by keeping the handset off the base until **Low Battery** flashes. Otherwise, the battery pack loses its ability to fully recharge.
- If the display is blank and the phone does not work, recharge the battery pack. (The battery power might be too low to light the display.)
- If you are not going to use your phone for an extended period of time, disconnect the battery pack. This increases the battery pack's usable life.

The supplied battery pack should last about a year. If the battery pack does not hold a charge for more than 2 hours after an overnight charge, replace it with a new 3.6-volt, 600 mAh battery pack with a connector that fits the socket in the battery compartment. You can order a replacement battery pack through your local RadioShack store. Install the new battery pack and charge it for about 24 hours.

Note: To avoid losing memory numbers, install and begin charging the new battery pack within 2 minutes.

Warning: Dispose of the old battery pack promptly and properly. Do not burn or bury it (see "Battery Safety Instructions" on Page 4 for additional information on proper battery handling).

If you have trouble replacing the battery, take the phone to your local RadioShack store for assistance.

Important: The EPA certified RBRC® Battery Recycling Seal on the nickel-cadmium (Ni-Cd) battery indicates RadioShack is voluntarily participating in an industry program to collect and recycle these batteries at the end of their useful life, when taken out of service in the United States or Canada. The RBRC program provides a convenient alternative to placing used Ni-Cd batteries into the trash or the municipal waste stream, which may be illegal in your area. Please call 1-800-THE-SHACK (1-800-843-7422) for information on Ni-Cd battery recycling and disposal bans/restrictions in your area. RadioShack's involvement in this program is part of the company's commitment to preserving our environment and conserving our natural resources.



SETTING THE DIALING MODE

Your phone comes set for tone dialing. If you have pulse service, you must change the dialing mode. If you are not sure which type of service you have, do this test.

Lift the handset, press **TALK**, and listen for a dial tone. 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 have touch-tone service. If the dial tone continues, you have pulse service.

To set the dial mode, press **TALK** to hang up the phone if necessary, then hold down **FLASH** until the phone beeps and the current dialing mode, tone or pulse, appears. Then press **#** to set pulse mode or ***** to set tone mode. The phone beeps and displays **Pulse Dialing** or **Tone Dialing**, then the display clears.

Note: The phone exits setting mode if a call or page is received, or if you press **TALK**.

If the battery pack power gets too low, the dial mode might reset to tone. If you are on a pulse line and cannot make a call, try setting the dialing mode to pulse.

SETTING THE HANDSET'S RINGER TONE/VOLUME

You can select one of four different ringer tone/volume settings on the handset. At any time, except during a call, repeatedly press **VOL/CID ▲** or **▼** to select the desired ringer setting. Each time you press a button, the phone rings at the selected setting and **Ringer A High**, **Ringer A Low**, **Ringer B High**, or **Ringer B Low** appears.

You can also turn off the ringer. At any time, except during a call, hold down **VOL/CID ▼** until the phone beeps and **Ringer Off** appears. When you place the handset faceup on the base, **<Ringer Off>** appears.

You can still make or receive a call even when the ringer is turned off. When you have an incoming call, any other phone connected to the same line rings, and **Incoming Call** appears on the handset's display.

To turn the ringer back on, simply press **VOL/CID ▲** or **▼**. The ringer is restored at the **RINGER A HIGH** setting.

TURNING THE BASE'S RINGER ON/OFF

You can set the base's ringer to high or low, or turn it off. At any time, except during a call, press **SET/RING**. Each time you press the button, the phone rings at the selected setting (or does not ring at the OFF setting). The display shows **Hi**, **Lo**, or **Of**. When you set the ringer to off, the **RINGER OFF** indicator lights.

Even when you turn off the base's ringer, you can still make or receive calls using this phone. Telephones on the same line (and the handset if it is away from the base and its ringer is turned on) still ring when there is an incoming call.

You can also set the ringer in the menu setting mode (see "Using the Menu Button" on Page 23).

1. Press **MENU** four times. The phone announces "Ringer volume" followed by its current setting. The display also shows the current setting.
2. Press **SET/RING** to enter the setting mode.
3. Press **SKIP** or **REPEAT** to change the setting.
4. Press **SET/RING** to store the setting.
5. Press **STOP** to exit the menu setting mode.

SETTING AUTO TALK

Your phone is preset with Auto Talk off, so you must press **TALK** to answer a call. With Auto Talk turned on, you can answer a call by lifting the handset from the base or, if the handset is away from the base, by pressing any key.

Follow these steps to turn Auto Talk on or off.

1. Lift the handset and press **MENU**. The Caller ID setup menu appears with **Auto Talk** selected.
2. Press **SELECT** to change the auto talk setting. **On** or **Off** appears indicating the selected setting.
3. To clear the display when you finish, press **MENU** or return the handset to the base.

TURNING CALLER ID/CALL WAITING ON/OFF

If you have Call Waiting and Caller ID service, you can set the TAD to show Caller ID information for an incoming call even while you are on the phone.

Follow these steps to set the Caller ID/Call Waiting feature.

1. Lift the handset and press **MENU**.
2. Press **2** or **VOL/CID** ▼ to select **CIDCW** (Caller ID/Call Waiting).
3. Press **SELECT** to change the Caller ID/Call Waiting setting. **On**, **Off**, or **Opt** appears.

Note: With the **Opt** setting, you can use the advanced Caller ID/Call Waiting options. See "Call Waiting Options Service" on Page 19.

4. Return the handset to the base to store the new setting.

STORING YOUR AREA CODE

You can store your local area code in the phone's Caller ID record so it does not show the area code if the received call is from your local area. If for some reason you need to

dial the area code (or store it in the memory), you can add it afterwards. See "Adding/Deleting the Area Code" on Page 21.

Note: If your calling area requires 10-digit dialing including area code, do not enter the area code. Leave this option blank.

Follow these steps to store your area code.

1. Lift the handset and press **MENU**.
2. Press **3** or **VOL/CID** ▼ twice to select **Area Code**.
3. Press **SELECT**, then enter your three-digit area code. If you make a mistake, repeatedly press **REDIAL/** ◀ or **FLASH/** ▶ to move the cursor over the incorrect digit, then enter the correct number.

Note: If an area code is already stored, it appears on the display. To delete the area code, press **DELETE/CH** three times, then enter your area code. Or you can use **REDIAL/** ◀ or **FLASH/** ▶ to move the cursor and edit the area code.

4. Press **SELECT** to store the area code, then press **MENU** or return the handset to the base to clear the display.

☐ Telephone Operation

A QUICK LOOK AT THE HANDSET

REDIAL — To quickly dial any of the last three numbers dialed, lift the handset and repeatedly press **REDIAL** until the desired number appears on the display, then press **TALK**.

Notes:

- The redial memory holds up to 32 digits, so you can redial long-distance and local numbers.
- The redial memory also holds pause entries (see "Entering a Pause" on Page 18).

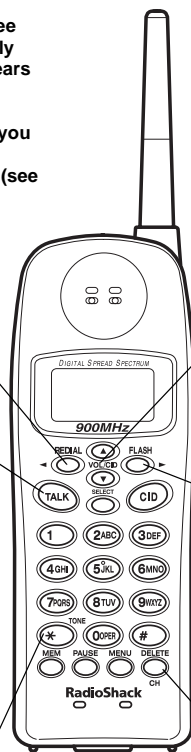
TALK — To make a call, lift the handset and press **TALK**. **Talk** and the current volume setting appear on the handset's display, and the **CHARGE/IN USE** indicator on the base lights. Dial the number. The number displays on the handset as you dial, then (after a few seconds) the call's elapsed time displays.

Note: You can also dial the number before you press **TALK**. If you make a mistake, repeatedly press **DELETE/CH** to erase the wrong entry, then enter the correct number. You can also hold down **DELETE/CH** for more than one second to delete the entire number.

When you receive a call, **Incoming Call** appears on the display. To answer it, lift the handset from the base and press **TALK**. If Auto Talk is on, just lift the handset from the base or press any key.

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

***/TONE** — Some special services, such as bank-by-phone, require tone signals. If you have pulse service, you can still use these special tone services by following these steps. Dial the service's main number. When the service answers, press ***/TONE**. Any additional numbers you dial are sent as tone signals. When you hang up, the phone automatically resets to pulse dialing.



VOL/CID ▲ / ▼ — To adjust the handset's volume during a call, press **VOL/CID** ▲ or ▼ until you reach the desired volume level. **Volume Maximum**, **Volume High**, **Volume Medium**, or **Volume Low** appears.

The volume level setting is maintained even after you hang up the phone.

Note: When you press **VOL/CID** ▲ while the volume is maximum or **VOL/CID** ▼ while the volume is low, the handset beeps three times and the setting does not change.

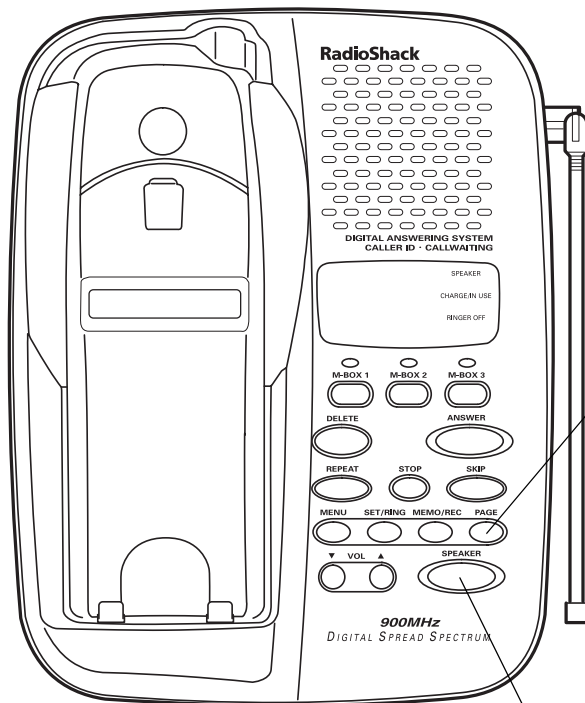
FLASH — performs the electronic equivalent of a switchhook operation for special services, such as Call Waiting.

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.

DELETE/CH — The phone has 20 channels. If you hear other conversations or excessive noise during a call, press **DELETE/CH** to select a different channel. **Scanning** appears as your phone searches for a clear channel.

A QUICK LOOK AT THE BASE



PAGE — To page the person who has the handset or to locate the handset when the phone is not in use, press **PAGE**. The handset beeps for 15 seconds and the display shows **Paging**.

To locate the handset using a continuous beep, hold down **PAGE** longer than 2 seconds. The handset beeps for one minute. Press any key or place the handset on the base to stop the page sooner.

Note: The phone rings when a call comes in while you are using the page feature.

SPEAKER — To answer a call using the speakerphone, press **SPEAKER**. The **SPEAKER** indicator lights.

To adjust the speakerphone's volume, repeatedly press **VOL ▲** or **VOL ▼** on the base. The volume setting from **0** (lowest) to **9** (highest) appears in the message counter window.

To end a speakerphone call, press **SPEAKER** again.

Note: The handset window has a plastic film on it to protect it during shipment. Carefully peel off the film before using your phone for the first time.

SWITCHING BETWEEN THE HANDSET AND THE SPEAKERPHONE

To switch to the speakerphone while you are using the handset, press **SPEAKER** on the base. When you hear the conversation on the speakerphone, press **TALK** on the handset.

To switch to the handset while you are using the speakerphone, lift the handset off the base. If the handset is away from the base, press **TALK**, then press **SPEAKER**.

USING BOTH THE HANDSET AND THE SPEAKERPHONE

If someone else is using the speakerphone, press **TALK** on the handset to join the conversation. If someone else is using the handset, press **SPEAKER** on the base to join the conversation.

During the call, one person can hang up and let the call continue. Or, both people can hang up to end the call.

Note: If you hear a high-pitched noise from the base's speaker, the handset and the base are too close together.

USING A HEADSET

You can talk with hands-free convenience using an optional headset that has a $\frac{3}{32}$ -inch (2.5-mm) plug. Contact your local RadioShack store for a suitable headset.

To connect the headset, open the rubber cover on the side of the handset, then insert the headset's plug into the jack.

Notes:

- Connecting a headset disconnects the handset's earpiece and microphone.
- **VOL/CID** ▲ or ▼ on the handset also controls the connected headset's volume.
- If you place the handset on the base to recharge it while the headset is connected, be sure the handset seats properly.

With a headset connected, make or answer calls as usual using the keys on the handset.

When you finish using the headset, disconnect it from the handset and close the rubber cover to protect the jack.

You can use a handset holder (available from your local RadioShack store) to hang the handset on your belt for greater convenience.

MEMORY DIALING

You can store up to 20 phone numbers and names in memory, then dial a stored number by entering its memory location number.

Each number can be up to 20 digits, and each name can be up to 13 characters.

Storing a Name and Number in Memory

When you are storing a number in memory, an error tone sounds and the phone exits the storing process if you wait more than 20 seconds between each keypress.

Note: If you receive a call during memory entry, the phone exits the storing process.

Follow these steps to store a number and name in memory.

1. Lift the handset.
2. Hold down **MEM** until **Memory Store** and a list of memory location numbers appear.
3. Press the appropriate numbers to choose the desired two-digit memory location (01–20). Precede a single digit location number with 0 (01, 02, 03, and so on).
4. Press **SELECT**. **Store Name** appears. If you do not want to enter a name, skip to Step 6.
5. To enter a name, use the number keys.

Refer to the letters on the number keys to select the desired letter. Press the key once for the first letter in upper case, press twice for the second letter in upper case, and so on. To enter a lower case letter, press four times (or five times) to display the first letter in lower case, five or six times for the second letter, and so on.

For example, to enter John: press **5** once; upper case **J** appears. Then press **6** six times; lower case **j** appears. Press **4** five times; lower case **n** appears. Finally, press **6** five times; lower case **n** appears.

To enter two letters from the same key in a row, press **FLASH/▶** to move the cursor to the next position. For example, to enter AB, press **2**; **A** appears. Then press **FLASH/▶**, the cursor moves to the next position, then press **2** twice so **B** appears.

To enter a space, press **FLASH/▶** twice without entering any character.

To enter a number, repeatedly press the corresponding number key until the number appears.

To enter a special character, use **0**. Each time you press **0**, the following characters appear in this order:

* **# - & { }** (space) **0**

If you make a mistake, use **REDIAL/◀** or **FLASH/▶** to move the cursor over the error, then enter the correct character, or press **DELETE/CH** to delete a character. To delete all characters, hold down **DELETE/CH** for at least 1 second.

6. Press **SELECT**. **Store Number** appears.
7. Enter the phone number and any tone or pause entries.
8. Press **SELECT**. The phone beeps and **Memorynn Stored (nn** is the memory location number) appears.

After 2 seconds, **Memory Store** appears. Repeat Steps 3–8 to store more numbers.
9. When you finish, press **MEM**.

Note: To replace a stored number, store a new one in its place.

Editing or Deleting a Number in Memory

1. Lift the handset.
2. Hold down **MEM** until **Memory Store** and a list of memory location numbers appear.
3. Choose a memory location (01–20) by pressing a number or by repeatedly pressing **VOL/CID ▲** or **▼**.
4. Press **SELECT**. A menu appears with the following three options.

Edit Memorynn — edit the record as described in Steps 5 through 8 of “Storing a Name and Number in Memory” on Page 16.

Delete Memorynn — the display prompts you to confirm the deletion. Press **VOL/CID ▲** to move the cursor to **Yes**, then press **SELECT** or **DELETE/CH**. The phone beeps, and **Memorynn Deleted** appears.

Go Back — returns you to the list of memory numbers.

5. Press **VOL/CID ▲** or **▼** to highlight the desired option, then press **SELECT**.

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 enter a 2-second pause, press **PAUSE. P** appears on the display. You can add more pause entries for a longer pause.

Reviewing Memory Numbers

To review your memory numbers, press **MEM**. The list of memory location numbers (01–20) appears with the name stored with each number (or **<Memorynn>** if you did not store a name).

To see the stored phone numbers, press **FLASH/ ▶**. An arrow to the right of the number means it is longer than 14 digits. Press **FLASH/ ▶** again to see the rest of the number. Repeatedly press **REDIAL/ ◀** to return to the name display.

To exit the memory number list, press **MEM**.

To see a stored name and phone number at the same time, press **SELECT** when the cursor is by a memory location number. To exit this display, hold down **DELETE/CH** until the display clears.

Dialing a Memory Number

To dial a number stored in memory, lift the handset and press **MEM**. The list of memory location numbers appears.

Choose a memory location (01–20) by pressing a number or by repeatedly pressing **VOL/CID ▲** or **▼**, then press **TALK**.

You can also dial a memory number after pressing **TALK**. Press **MEM** (the display does not change but the phone's memory recall activates), then enter a memory location number.

Chain-Dialing Service Numbers

For quick recall of numbers for special services (such as bank-by-phone), store each group of numbers in its own memory location. Dial the service's main number first. Then, at the appropriate place in the call, press **MEM** and enter the number for the location where the additional information is stored.

Testing Stored Emergency Numbers

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

□ **Caller ID Operation**

If you subscribe to Caller ID service from your phone company, the phone company sends information about the call, as well as the time and date, between the first and second rings of every call you receive.

The Telephone Answering Device (TAD) displays this information after the second ring, and it stores up to 50 Caller ID records for later review. It also shows if caller information is unavailable or if the name and number were blocked by the caller (see "Caller ID Messages" on Page 21).

If the TAD's Caller ID memory becomes full, any new call replaces the oldest call record.

If you subscribe to Call Waiting and Caller ID, you will hear a tone through the handset when a call comes in, then the Caller ID record appears. If you want to answer the incoming call, press **FLASH**. To resume the previous phone conversation, press **FLASH** again.

CALL WAITING OPTIONS SERVICE

With this TAD, you can use Call Waiting Options Service from your phone company. This service provides you with more choices on how to handle a second call when you are already on the phone. You can switch between the callers, have a 3-way conference call with both callers, or answer the second caller with a prerecorded message asking them to hold the line.

Before you can use the Call Waiting Options Services, you must:

- subscribe to the Options service from your telephone company.
- set the Caller ID/Call Waiting feature to Opt (see "Turning Caller ID/Call Waiting On/Off" on Page 13).

Using Call Waiting Options

Note: An error tone sounds and the phone exits the menu if you wait more than 20 seconds between each keypress.

You hear a soft beep when a call comes in while you are already on the phone. The display shows the caller's name and phone number.

Follow these steps to use Call Waiting Options Services.

1. Press **MENU**. A list of several options, beginning with **Risk to Hold** appears.
2. Repeatedly press **VOL/CID ▼** to scroll through the options list. You can also press the number of the desired option.
3. Choose one of the following options, then press **SELECT**.

Risk to Hold — A waiting caller hears a prerecorded message stating that you will be available shortly, and is put on hold. **Call Holding** appears.

Tell Busy — A prerecorded message indicates you are too busy to take a call, and the waiting call is disconnected. **Told Busy** appears.

Answer/Drop 1 — Disconnects the first call, and connects automatically to the new caller. **Answer/Drop 1st** appears.

Conference — Allows you to speak with your first and second callers to have a 3-way conference call. **Conferenced** appears.

Drop First and **Drop Last** are options you can only use with a conference call (see "Using Conference").

Using Ask to Hold

When you select **Ask to Hold**, you can use several of the other options as well.

If you decide you cannot end your first call, and you do not want to continue to leave the second call on hold, press **MENU**, then scroll down to **Tell Busy** (or press 2) to tell the second caller that you are busy. Press **SELECT**.

If you decide to take the second call, and end the first, scroll down to **Answer/Drop 1** (or press 3). Press **SELECT**.

If you decide to include the second caller in your conversation with the first caller, scroll down to **Conference** (or press 4). Press **SELECT**.

Using Conference

You can either begin a conference call as soon as you receive a second call, or after the second caller has been on hold for a while (see "Using Ask to Hold"). Once you have established a conference call, you can end it at any time by dropping one of the calls.

Drop First — hang up on the first caller and continue with the second.

Drop Last — hang up on the second caller and continue with the first.

Follow these steps to drop one of the calls.

1. To end a conference call, press **MENU**.
2. Scroll down to **Drop First** (or press 5) or **Drop Last** (or press 6) to drop the desired call.
3. Press **SELECT**. **Call Dropped** appears.

REVIEWING CALLER ID RECORDS

To review the Caller ID records, lift the handset and press **CID**. The number of new Caller ID records, if any, and the total number of records appear.

Note: If the handset is faceup on the base, it shows the number of Caller ID records, so you can see if you have new records to review.

Repeatedly press **VOL/CID** ▼ or ▲ to scroll through the Caller ID records one at a time. To scroll quickly through the records, hold down **VOL/CID** ▲ or ▼.

When you scroll past the last record, the total number of records appears, then the first record. When you scroll past the first record, the total number of records appears, then the last record.

The top line of each record shows the date, time and the number of calls from that number. The second line shows the caller's name, and the third line shows the caller's phone number.

To exit the Caller ID record display, press **CID**.

Caller ID Messages

Display	Description
New: XX Total: XX	Shows the number of new Caller ID records (records you have not reviewed) and the total number of records.
Private name or Private Number	The caller has blocked the Caller ID information.
Unknown name or Unknown Number	The caller is not within a Caller ID service area.
Incomplete Data	Appears if there was an error during the transmission of Caller ID information. Occasional errors are normal. If the phone frequently displays Incomplete Data , contact your local telephone company or RadioShack store.

ADDING/DELETING THE AREA CODE

When the area code of the received call is the same as the one you stored (see "Storing Your Area Code" on Page 13), the Caller ID record does not show the area code. If it is different, the record shows the area code.

However, you can add or delete the area code on the display. When the record is on the display, press **3** to add or delete the area code. Pressing **3** again deletes or adds the area code.

When you dial the number or store it into memory, the phone dials or stores the number as it appears on the display.

DIALING NUMBERS FROM CALLER ID RECORDS

1. Press **CID**, then **VOL/CID** ▲ or ▼ to recall the record.

If it is a long distance call, press **1** (1 appears before the displayed number) before you press **TALK**.

If you want to add or delete the area code, press **3** before you press **TALK**.

2. Press **TALK**.

Note: If a Caller ID record does not contain a phone number (if it was blocked by the caller, for example), you cannot dial from that record.

STORING A CALLER ID NUMBER IN MEMORY

1. Press **CID**, then **VOL/CID** ▲ or ▼ to recall the record you want to store.

If it is a long distance number, press **1**.

If you want to add or delete the area code, press **3**.

2. Press **MEM**. **Select Location** appears.
3. Choose a memory location (01–20) by pressing a number or by repeatedly pressing **VOL/CID** ▲ or ▼.
4. Press **SELECT**.

If the selected location is empty, the TAD beeps to confirm that it stored the number, then the Caller ID record appears.

If a record exists in the selected location, **Replace Memory?** appears, prompting you to confirm the replacement. Move the cursor to **Yes** or **No**, then press **SELECT**.

DELETING CALLER ID RECORDS

You can delete Caller ID records individually or all at once.

Follow these steps to delete a single Caller ID record.

1. Press **CID**, then **VOL/CID ▲** or **▼** to recall the record you want to delete.
2. Press **DELETE/CH**. **Delete Message?** appears, prompting you to confirm the deletion.
3. Press **VOL/CID ▲** or **▼** to move the cursor to **Yes**, then press **SELECT** or **DELETE/CH**. The TAD beeps once indicating that the record was deleted.

Follow these steps to delete all Caller ID records.

1. Press **CID** so the record totals appear.
2. Press **DELETE/CH**. **Delete All?** appears, prompting you to confirm the deletion.
3. Press **VOL/CID ▲** or **▼** to move the cursor to **Yes**, then press **SELECT** or **DELETE/CH**. The TAD beeps once and **Total: 00** appears, indicating that all Caller ID records were deleted.

□ Answering System Operation

USING THE MENU BUTTON

Use **MENU** on the base to select the various function settings. Each time you press **MENU**, the TAD announces the function and its current setting.

# of Presses	Function
1	Outgoing Message
2	Clock Set
3	Security Code for Remote Operation
4	Ringer Volume
5	Number of Rings before the TAD Answers
6	Recording Time for Incoming Messages
7	Exit the menu setting mode.

SETTING THE DAY AND TIME

You must set the day of the week and time so the TAD can record the correct day and time of each message.

Note: Enter each key press within about 2 minutes. Otherwise, the TAD exits the time setting process and you must begin again with Step 1.

1. Press **MENU** twice. The TAD announces "Time", then the currently set time and the day of the week.
2. Press **SET/RING** to enter the time setting mode. The TAD announces the currently set day and displays the day's number (0 for Sunday, 1 for Monday, and so on).

3. Repeatedly press **SKIP** on the base to move forward or **REPEAT** on the base to move backward until the correct day appears, then press **SET/RING**. The TAD announces and displays the hour.
4. Repeatedly press **SKIP** or **REPEAT** until the correct hour appears, then press **SET/RING**. The TAD announces and displays the minutes.
5. Repeatedly press **SKIP** or **REPEAT** until the correct minutes appear, then press **SET/RING**. The TAD announces "AM" or "PM," and **A** or **P** appears.
6. Press **SKIP** or **REPEAT** to choose AM or PM, then press **SET/RING**. The TAD beeps and announces the day and time.

To check the day and time, press **MENU** twice. The TAD announces the currently set day and time. Press **STOP** to exit the menu.

Note: If power fails, the clock retains the current time. When the power is restored, it starts counting again from the time the power failed.

SETTING THE NUMBER OF RINGS

You can select how long the TAD waits to answer a call — 2, 4, or 6 rings, or toll-saver. If you plan to check messages by long distance, set **RING TIME** to toll-saver (see "Using the Toll-Saver" on Page 27).

1. Press **MENU** five times. The TAD announces "Ring time" followed by the current setting. The display also shows the current setting (2, 4, 6, or **t5** toll-saver).
2. Press **SET/RING**.

3. Repeatedly press **SKIP** or **REPEAT** until the desired number appears.
4. Press **SET/RING** to store the setting.
5. Press **STOP** to exit.

SETTING THE RECORD TIME

You can set the recording time to 1, 4, or Announce Only to determine how the TAD will record incoming messages.

At the 1 or 4 settings, the TAD plays the outgoing message and lets callers leave a message up to 1 minute (or 4 minutes) long. At the Announce Only setting, the TAD plays the outgoing message but does not let callers leave a message.

1. Press **MENU** six times. The TAD announces "Record time" followed by the current setting. The display also shows the current setting (1, 4, or A Announce Only).
2. Press **SET/RING**.
3. Repeatedly press **SKIP** or **REPEAT** until the desired number appears.
4. Press **SET/RING** to store the setting.
5. Press **STOP** to exit.

SELECTING THE OUTGOING MESSAGE

The TAD has two prerecorded outgoing messages. One asks the caller to leave a message: "Hello, no one is available to take your call. Please leave a message after the tone." The TAD uses this message when the recording time is set to 1 or 4 (see "Setting the Record Time").

The other is simply an announcement and does not let the caller leave a message: "Hel-

lo, no one is available to take your call. Please call back another time." The TAD uses this message when the recording time is set to Announce Only.

You can also record your own message (see "Recording/Deleting an Outgoing Message"). When you record your own outgoing message, the TAD uses it for all recording time settings (1, 4, and Announce Only).

To switch between your outgoing message and the TAD's prerecorded message, press **MENU** once to enter the outgoing message setting mode. Then press **SKIP** or **REPEAT** until the current message starts to play. While the message is playing, press **SKIP** or **REPEAT** until the desired message starts to play. The TAD switches to the other message and plays it.

Recording/Deleting an Outgoing Message

Follow these steps to record your own outgoing message (up to 30 seconds long).

1. Press **MENU** once. The TAD announces "Outgoing message", followed by the current outgoing message. -- appears.
2. Press **MEMO/REC**. The TAD announces "Record your outgoing message after the tone."
3. When the tone sounds, speak your message. When you finish your message, press **MEMO/REC**, **STOP**, or **SET/RING**. The TAD plays back your message.

To delete your outgoing message and use the TAD's prerecorded messages, press **MENU** once, then press **DELETE** when your message starts to play. The TAD announces "Deleted."

SETTING THE TAD TO ANSWER CALLS

To set the TAD to answer calls, press **ANSWER**. If the TAD is set to record a caller's message (see "Setting the Record Time" on Page 24), it plays the outgoing message and shows the number of recorded messages. If the TAD is set to Announcement Only, it plays the outgoing message, and **R** appears.

To set the TAD to not answer calls, press **ANSWER** again. The TAD announces "Answer off" and the message counter turns off.

SCREENING CALLS

You can let the TAD answer calls for you while you listen to the caller's message through the base's speaker.

If you decide to answer the call, press **SPEAKER** to answer using the speakerphone.

Press **TALK** to answer if the handset is off the base, or if the handset is on the base, lift it (and press **TALK** if Auto Talk is off).

You can also pick up any phone on the same line. The TAD stops recording and resets to answer the next call.

Press **VOL ▲** or **▼** to adjust the volume level of call screening. If you do not want to listen to calls, repeatedly press **VOL ▼** until **0** appears.

Note: Even if you turn the volume to 0 for call screening, you can still listen to incoming message playback at the original volume level.

RECORDING INCOMING MESSAGES

After the TAD answers a call, it plays the outgoing message, beeps, then records the caller's message. Each incoming message can

be up to 1 or 4 minutes long, depending on how you set the recording time ("Setting the Record Time" on Page 24). The TAD's maximum recording capacity is a total of 20 minutes (or 59 messages) for all three mail boxes combined.

The TAD stops recording and resets to answer the next call when:

- The caller hangs up.
- The maximum message length is reached.
- The TAD detects a busy signal or more than 7 seconds of silence.
- You pick up the TAD's handset or any phone on the same phone line.

Note: When the TAD's message memory is full, **FL** appears and the TAD announces "No remaining time" when you try to operate it.

USING THE MAIL BOXES

You can record messages from specific callers in a designated mail box: for example, when you are away from your home, you might want to record your message separately from other messages.

While the caller is hearing the outgoing message, press ***** and the desired mail box number — for example, press *****, **3** to record the message in mail box 3. The TAD announces "Mail box 3" and is ready to record the message.

Unless specified as above, the incoming messages are recorded in mail box 1. You might want to include this information in your outgoing message.

For example: "To leave a message for Jack, press star one now. To leave a message for Jill press star two now. To leave a message for Tom, press star three now."

RECORDING A MEMO

A memo is a message you can record at the TAD for yourself or others in your home or office. The TAD stores memos as incoming messages (see "Playing Messages").

1. Hold down **MEMO/REC** until the TAD beeps. The TAD announces "Please select mail box."
2. Press **M-BOX 1**, **M-BOX 2**, or **M-BOX 3** to select the mail box. The indicator for the selected mail box lights and **--** appears in the message counter window.
3. The TAD announces "Record your message after the tone."
4. When the tone sounds, speak your message. When you finish the memo, press **MEMO/REC** or **STOP**.

Note: The TAD cannot record a memo less than two seconds long.

RECORDING A CONVERSATION

The TAD lets you record both sides of a telephone conversation when you are talking using the handset.

Important: It is illegal in some areas to record a conversation without the consent of all parties to the conversation, including the phone company. Check the laws in your area before you use the two-way recording feature.

To start recording a phone conversation, hold down **MEMO/REC** until the TAD beeps and **--** appears. To stop recording, press **STOP** or **MEMO/REC**.

The TAD stores a recorded conversation as a message in Mail Box 1 (see "Playing Messages").

Note: The TAD cannot record a conversation less than two seconds long, or a call using the speakerphone.

PLAYING MESSAGES

After the TAD has recorded a message, the total number of new messages stored in all mail boxes flashes on the message counter window, and the mail box indicators that contain new message flash.

To play your messages, press the mail box button with its indicator flashing. The TAD announces the number of new and old messages, then plays the new messages. The message number appears as each message plays, and the TAD announces the day and time of the call at the end of each message.

When all the new messages in all the mail boxes are played, the message counter displays the total number of all messages.

To play all messages after playing the new messages, press the mail box buttons again.

To skip to the next message, press **SKIP** while the message is playing. Hold down **SKIP** to quickly advance through a message. The TAD skips every other second of playback and plays the next one second, until the end of the message. Release **SKIP** to resume normal playback.

To replay the current message from the beginning, press **REPEAT**. Hold down **REPEAT** to review the current message. The TAD skips back every other second of playback and plays the previous second, until the beginning of the message. Release **REPEAT** to resume normal playback.

If you press **REPEAT** within about 2 seconds after a message begins playing, the TAD replays the previous message. If the current message is the first new message, the TAD plays back from the beginning of the current

message (it does not go back into the old message group).

ADJUSTING THE TAD'S VOLUME

To adjust the speaker's volume, repeatedly press **VOL ▲** or **VOL ▼** on the base. The volume setting from **0** (lowest) to **9** (highest) appears in the message counter window.

DELETING MESSAGES

To delete the current message while it is playing, press **DELETE**. The TAD beeps.

To delete all messages at once, while messages are not playing, hold down **DELETE** on the base. The TAD announces "Please select mail box." Press the desired mail box button. The TAD announces "Deleted" and all the messages in that mail box are deleted.

Note: You cannot delete new (unplayed) messages. If you try to delete all messages at once while you still have new messages in that mail box, the TAD announces "Please play back all messages" and does not delete any messages.

REMOTE OPERATION

While you are away from your home or office, you can use a touch-tone phone, or a pulse (rotary) phone with a pocket tone dialer (available through your local RadioShack store), to enter your security code and do any of the following:

- Set the TAD to answer or not answer calls.
- Listen to your messages.
- Record a new outgoing message.
- Record a memo.
- Erase messages.

Note: You cannot remotely operate the TAD using its handset or another telephone on the same line as the TAD.

Setting the Security Code

The TAD's two-digit remote operation security code prevents unauthorized remote access to your messages. The code is preset to 80.

Follow these steps to change the code to any number from 00 to 99.

Note: If you press **SPEAKER** or **STOP** while changing the code, or wait more than 20 seconds between key presses, the TAD exits. Start again at Step 1.

1. Press **MENU** three times. The TAD announces "Security code," followed by the currently set code. The display also shows the code.
2. Press **SET/RING**.
3. Repeatedly press or hold down **SKIP** or **REPEAT** to change the number.
4. Press **SET/RING** to store the setting. The TAD announces the newly set code.
5. Press **STOP**.

To check your code at any time, press **MENU** three times. The code appears in the message counter window, and the TAD announces it.

Using the Toll-Saver

If the ring time is set to **t5** (toll-saver) (see "Setting the Number of Rings" on Page 23), the TAD answers after two rings if you have new messages (ones you have not listened to). If there are no new messages, the TAD answers after four rings so you can hang up before the TAD answers and avoid unnecessary long-distance charges.

Using Remote Commands

Follow these steps to operate the TAD from a remote location.

Note: If you wait more than 15 seconds between key presses, the TAD sounds a long beep and hangs up.

1. Dial your phone number and wait for the TAD to answer. If the TAD is not set to answer calls, it will answer after about 10 rings and sound a series of beeps.
2. When the outgoing message begins (or the TAD sounds a series of beeps), press #, then enter your security code within 2 seconds.
3. If the code is correct, the TAD announces the day and time, then announces the number of new and old messages for each mail box, then "To play incoming message, press pound two. For help, press pound zero."

Note: The TAD beeps about every 2 seconds, prompting you to enter remote commands. This is the command prompt.

If the TAD does not respond, try entering your code again. If you enter an incorrect code three times, the TAD beeps and hangs up.

Notes:

- When the TAD is in remote operation, it stops all answering functions and the display on the base shows **rc**. The TAD resumes answering functions when it is no longer in remote command if you have not turned it off.
- The remote operation stops when someone picks up the handset or any phone on the same phone line.

Playing Back the Messages

1. At the command prompt, press #, 2. The TAD announces "Please select mail box."
2. Press # and the mail box number. For example, to listen to the messages in mail box 1, press #, 1.

The TAD announces the mail box number and starts playing back new messages. If the selected mail box does not contain new message, any old messages play. If it does not have any message, the TAD announces "You have no messages."

3. To skip the message, press #, 3. To listen again to the current message, press #, 1. If you press #, 1 within about 4 seconds after a message begins playing, the TAD replays the previous message. If the current message is the first new message, the TAD plays back from the beginning of the current message (it does not play old messages).

To stop playback and return to the command prompt mode, press #, 5.

To delete the current message, press #, 4 during playback.

Note: The remote playback of incoming messages is limited to 4 minutes. If you have more messages after 4 minutes have passed, you must press #, 2 again to listen to the rest of the messages.

Deleting All the Messages in a Mail Box

At the command prompt, press #, 4. The TAD announces "Please select mail box." Press #, and the mail box number. The TAD deletes all the messages in the selected mail box and announces "Deleted."

Note: If the selected mail box contains new (unplayed) messages, the TAD announces "Please play back all messages" and does not delete any message.

Setting the TAD to Answer Calls

At the command prompt, press #, 6. The TAD announces the current outgoing message, and sets itself to answer the next call.

Setting the TAD Not to Answer Calls

At the command prompt, press #, 9. The TAD announces "Answer off."

Recording a Memo

1. At the command prompt, press #, 7. The TAD announces "Please select mail box."
2. Press # and the mail box number. The TAD announces "Record your message after the tone."
3. When you hear the beep, start speaking your memo.

Note: If the TAD's memory is full, the TAD announces "No remaining time" and returns to the command prompt.

4. When finished, press #, 5 or #, 7.

Note: The length of the memo recorded by remote operation must be over 2 seconds and within 4 minutes.

Recording a New Outgoing Message

At the command prompt, press #, 8. The TAD announces "Record your outgoing message after the tone." When you hear the beep, start speaking your new outgoing message (up to 30 seconds long). When you finish, press #, 5 or #, 8. The TAD plays back the new outgoing message.

Listening to the Help Guide

At the command prompt, press #, 0.

Troubleshooting

We do not expect you to have any problems with your phone or answering system, but if you do, these suggestions might help.

Problem	Suggestion
Low volume or unusual sounds.	Someone has picked up another phone on the same line. Hang up the other phone.
Severe noise interference.	Press DELETE/CH to change the channel.
	Keep the handset away from computers, remote control toys, wireless microphones, alarm systems, intercoms, room monitors, fluorescent lights, and electrical appliances.
	Move the handset to another location or turn off the source of interference.
The handset does not ring or receive a page.	Move the handset closer to the base.
	Lift the base's antenna to a vertical position.
	Be sure the battery pack is charged. (If the battery power is too low, it does not have enough power to light the display.)
	Move the base away from other electrical devices and sources of noise.
The handset stops working or works poorly during a call.	Move the handset closer to the base.
	Lift the base's antenna to a vertical position.
	Be sure the battery pack is charged. (If the battery power is too low, it does not have enough power to light the display.)
	If the base loses power while the handset is away, the security access-protection code might change. Restore power to the base, then place the handset back on the base. The CHARGE/IN USE indicator lights, indicating that the code is set again.
	Check the charging contacts on the handset and base. If they are dirty, clean them with a pencil eraser.
The phone does not operate at a useful distance from the base because the signal becomes weak or noisy (handset's range has decreased).	Lift the base's antenna to a vertical position.
	Return the handset to the cradle, and recharge the battery pack. Replace the battery pack if necessary (see "Connecting, Charging, and Replacing the Battery Pack" on Page 10).
The phone does not work or works poorly.	Be sure the base's phone line cord and AC adapter are correctly and securely connected, and the battery pack is charged.
Low Battery flashes every few seconds.	Be sure the battery pack is correctly connected.
	Return the handset to the base to recharge the battery pack.

Problem	Suggestion
You have an incoming call, but do not receive any Caller ID information.	Let the phone ring twice before you answer so the system has time to record the Caller ID information.
	Check that the system is correctly and securely connected.
	Call your phone company to verify that your Caller ID service is active.
The handset battery pack does not charge.	Check the charging contacts on the handset and base. If they are dirty, clean them with a pencil eraser.
	Be sure the battery pack is connected correctly.
	Replace the battery pack.
The TAD does not answer calls.	Make sure the TAD is turned on.
	Make sure the AC adapter is properly connected.
	Check all phone line connections.
The TAD does not record callers' messages.	The recording time is set to announcement only. Set it to 1 or 4.
	Delete messages if memory is full.

If you still have problems, disconnect the TAD. If other phones on the same line work properly, the fault is in this phone or its installation. If you cannot find the problem, take your system to your local RadioShack store for assistance.

CARE

Keep the phone dry; if it gets wet, wipe it dry immediately. Use and store the phone only in normal temperature environments. Handle the phone carefully; do not drop it. Keep the phone away from dust and dirt, and wipe it with a damp cloth occasionally to keep it looking new.

Modifying or tampering with the phone's internal components can cause a malfunction and might invalidate its warranty and void your FCC authorization to operate it. If your phone is not performing as it should, take it to your local RadioShack store for assistance. If the trouble is affecting the telephone lines, the phone company can ask you to disconnect your phone until you have resolved the problem.

Limited One-Year Warranty

This product is warranted by RadioShack against manufacturing defects in material and workmanship under normal use for one (1) year from the date of purchase from RadioShack company-owned stores and authorized RadioShack franchisees and dealers. EXCEPT AS PROVIDED HEREIN, RadioShack MAKES NO EXPRESS WARRANTIES AND ANY IMPLIED WARRANTIES, INCLUDING THOSE OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE LIMITED IN DURATION TO THE DURATION OF THE WRITTEN LIMITED WARRANTIES CONTAINED HEREIN. EXCEPT AS PROVIDED HEREIN, RadioShack SHALL HAVE NO LIABILITY OR RESPONSIBILITY TO CUSTOMER OR ANY OTHER PERSON OR ENTITY WITH RESPECT TO ANY LIABILITY, LOSS OR DAMAGE CAUSED DIRECTLY OR INDIRECTLY BY USE OR PERFORMANCE OF THE PRODUCT OR ARISING OUT OF ANY BREACH OF THIS WARRANTY, INCLUDING, BUT NOT LIMITED TO, ANY DAMAGES RESULTING FROM INCONVENIENCE, LOSS OF TIME, DATA, PROPERTY, REVENUE, OR PROFIT OR ANY INDIRECT, SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES, EVEN IF RadioShack HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

Some states do not allow limitations on how long an implied warranty lasts or the exclusion or limitation of incidental or consequential damages, so the above limitations or exclusions may not apply to you.

In the event of a product defect during the warranty period, take the product and the RadioShack sales receipt as proof of purchase date to any RadioShack store. RadioShack will, at its option, unless otherwise provided by law: (a) correct the defect by product repair without charge for parts and labor; (b) replace the product with one of the same or similar design; or (c) refund the purchase price. All replaced parts and products, and products on which a refund is made, become the property of RadioShack. New or reconditioned parts and products may be used in the performance of warranty service. Repaired or replaced parts and products are warranted for the remainder of the original warranty period. You will be charged for repair or replacement of the product made after the expiration of the warranty period.

This warranty does not cover: (a) damage or failure caused by or attributable to acts of God, abuse, accident, misuse, improper or abnormal usage, failure to follow instructions, improper installation or maintenance, alteration, lightning or other incidence of excess voltage or current; (b) any repairs other than those provided by a RadioShack Authorized Service Facility; (c) consumables such as fuses or batteries; (d) cosmetic damage; (e) transportation, shipping or insurance costs; or (f) costs of product removal, installation, set-up service adjustment or reinstallation.

This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

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