

Cat. No. 43-771
OWNER'S MANUAL

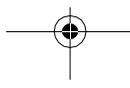
Please read before using this equipment.

TAD-1010

900 MHz Digital Cordless Telephone with Digital Multi-User Answering System



Radio Shack



Warning: To prevent 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.

READ THIS BEFORE INSTALLATION

Your TAD conforms to federal regulations, and you can connect it to most telephone lines. However, each device you connect to the phone line draws power from the phone line. We refer to this power draw as the device's ringer equivalence number, or REN. The REN is on the label on the back of the base.

If you are using more than one phone or other device on the line, add up all the RENs. If the total is more than five, your phone might not ring. In rural areas, a total REN of three might impair ringer operation. If ringer operation is impaired, remove a device from the line.

FCC STATEMENT

This telephone complies with Part 68 of *FCC Rules*. You must, upon request, provide the FCC Registration Number and the REN to your phone company. These numbers are on the label on the back of the base.

You must not connect your phone to any of the following:

- Coin-operated systems
- Party-line systems
- Most electronic key phone systems

Note: Your telephone operates on standard radio frequencies, as allocated by the FCC. Even though the security 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.

© 1995 Tandy Corporation.
All Rights Reserved.

Radio Shack is a registered trademark used by Tandy Corporation.

FEATURES

Your Radio Shack TAD-1010 900 MHz Digital Cordless Telephone with Digital Multi-User Answering System uses advanced analog cordless telephone technology to give you superior audio quality. It uses the recently allocated 900 MHz band which has less interference and clearer sound and greater range than 46/49 MHz cordless telephones. Its cordless operation lets you move freely about your home or office.

The Telephone Answering Device (TAD) stores all messages on a computer chip. This gives you advanced capabilities over tape-based answering machines. For example, you can save individual messages while the rest are erased. Because your TAD is fully digital, there are no tape mechanisms to wear out and no tapes to bother with.

The TAD can record messages for four users with individual date/time stamps for each message. The TAD's 30-minute memory capacity means you can store a lot of messages!

Its remote operation features let you access your TAD remotely from a touch-tone phone. The TAD guides you through system operation with voice prompts.

Cordless Telephone Features

900 MHz Operation — provides lower interference than 46/49 MHz phones.

Digitally Encoded Signal — prevents other people from picking up your phone's signal (on scanners, for example) and listening to your conversations.

10 Channels — scans 10 channels (frequency pairs used between the base and the handset) and selects a clear one each time you make or receive a call. You can also manually change channels during a call.

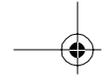
Security Access-Protection Code — changes each time you place the handset on the base, to minimize the chances of other cordless phones using your phone line.

Out of Range Signal — the handset beeps to let you know when it is out of the base's operating range.

Paging System — lets you send a signal from the base to the handset so you can page someone or easily locate the handset when it is away from the base.

10-Number Memory Dialing — lets you store up to 10 phone numbers in memory for easy dialing.

Privacy — prevents the person on the other end of the phone line from hearing your conversation with someone in the room.



Flash — sends an electronic switch-hook signal for use with special phone services such as call waiting.

Redial — lets you quickly dial the last number dialed.

Hold — lets you place a call on hold.

Programmable Ringer — lets you select from four ringer types and turn the ringer on or off.

Touch-Tone (DTMF) or Pulse Dialing — lets you use your phone with either type of dialing.

Handset Volume Control — lets you adjust the volume of the sound you hear through the handset.

Hearing Aid Compatible — lets you use this telephone with hearing aids that have a T (telephone) switch.

TAD Features

Four User Mailboxes — let you store and play back messages for up to four different users. The generic mailbox stores and plays back messages for all users.

Date/Time Stamp — records the day and time each message was recorded.

Digitally-Synthesized Voice — guides you through operation of the system.

Digital Volume Control — lets you adjust the playback volume of the recordings on the TAD.

Announcement Only — lets you record an announcement for callers to hear, without recording their messages.

LCD Message Counter — shows the number of messages the TAD has recorded.

Remote Operation — lets you use a touch-tone phone (or rotary phone and pocket tone dialer) to operate the TAD while you are away from your home or office.

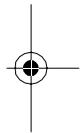
Programmable Remote Operation Security Code — lets you set a security code for remote operation.

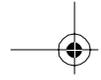
Remote Answer-On — lets you call the TAD from a remote location and set it to answer calls.

Call Screening — lets you listen as a caller leaves a message so you can decide whether or not to answer the call.

Memo Recording — lets you leave messages for yourself or others in your home or office.

Adjustable Ring Number — lets you set the TAD to answer after two or four rings.





Toll-Saver — lets you avoid unnecessary long-distance charges when you call by long distance to check your messages.

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.

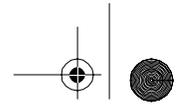
This TAD has been tested and found to comply with all applicable UL and FCC standards.

Important: Cordless phones such as this one require AC power to operate. When AC power is off, you cannot dial out or receive incoming calls using your TAD-1010. For this reason, the TAD-1010 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.

For your records, we recommend you record the TAD's serial number here. The number is on the base's label.

Serial Number _____

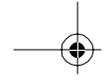




CONTENTS

Installation	8
Installing the Backup Battery	8
Selecting a Location	9
Placing the Base on a Desktop	9
Mounting the Base on a Wall	9
Mounting on a Wall Plate	10
Mounting Directly on the Wall	11
Telephone Preparation	13
Installing the Handset Battery Pack	13
Charging the Handset Battery Pack	14
Setting the Pulse/Tone Switch	15
Setting the Telephone Ringer	15
Checking the Ringer	16
Turning Off the Ringer	16
Telephone Operation	17
Answering/Making a Call	17
Adjusting the Handset's Volume	17
Using Redial	18
Using Privacy	18
Using Hold	18
Using Flash	18
Using Tone Services on a Pulse Line	19
Using Page	19
Changing Channels	19
Memory Operation	20
Storing a Number in Memory	20
Storing a Pause in Memory	21
Dialing a Stored Number	21
Chain Dialing Service Numbers	21
TAD Setup and Basic Operation	22
Setting the Number of Rings	22
Setting the Remote Operation Security Code	22
Setting the Day and Time	23
Setting the Number of Mailboxes	23
Selecting an Announcement	24
Recording an Announcement	24
Checking the Outgoing Announcement	25
Setting the TAD to Answer Calls	26





Recording a Memo 26
 Playing Messages 27
 Adjusting the TAD's Volume 28
 Erasing Messages 28

Remote Operation 29

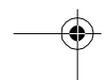
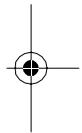
Using the Toll-Saver 29
 Accessing the TAD by Remote 29
 From the Cordless Handset 29
 From Another Phone Line 29
 Using Remote Commands 30
 Remote Operation Commands 31

Troubleshooting 32

Out of Range Indications 34
 Out of Range with No Call 34
 Out of Range with a Call in Progress 34

Care and Maintenance 35

The FCC Wants You to Know 36
 Lightning 36



INSTALLATION

INSTALLING THE BACKUP BATTERY

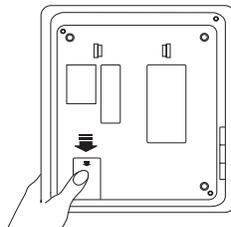
If the AC power fails or you unplug the TAD-1010, a 9V backup battery (not supplied) saves the messages and the settings for the day, time, and security code. We recommend you use an alkaline battery, such as Radio Shack Cat. No. 23-553.

Follow these steps to install the backup battery.

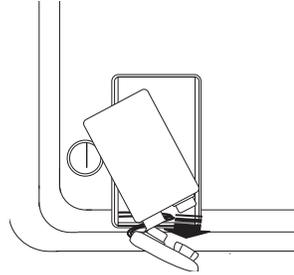
Cautions:

- Before you replace the battery, be sure the supplied adapter is securely connected to an AC outlet and to the jack on the back of the TAD. Otherwise, you might lose any stored information.
- Always use a fresh battery of the required size and type.
- Dispose of the battery promptly and properly. Do not bury or burn it.

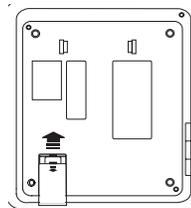
1. Remove the battery compartment cover on the bottom of the base by sliding the cover in the direction of the arrow.



2. Snap the battery's contacts firmly to the battery connector, then place the battery into the compartment.



3. Replace the cover.



Note: If  flashes after installing a fresh backup battery, unplug the AC adapter from the AC outlet (if connected), then reconnect it.



SELECTING A LOCATION

You can set the TAD-1010's base on a flat surface (such as a desktop or countertop), or mount it on a wall plate or directly on the wall. The base's location affects the phone's range. If you have a choice of several locations, try each to see which one provides the best performance.

Select a location that is:

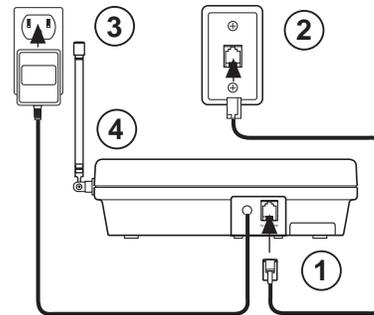
- Near an AC outlet
- Near a modular telephone line jack
- Away from electrical machinery, electrical appliances, and metal walls or filing cabinets
- Away from wireless intercoms, alarms, and room monitors

If the phone line jack is not a modular jack, you must update the wiring. You can convert the wiring yourself, using jacks and adapters available at your local Radio Shack store. Or, you can let the phone company update the wiring for you.

Notes:

- The phone company charges for the installation of the necessary jacks.
- The USOC number of the baseboard jack to be installed is RJ11C.

PLACING THE BASE ON A DESKTOP

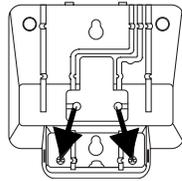


1. Plug one end of the supplied 7-foot modular cord into the **TO TEL. LINE** jack on the back of the TAD-1010's base.
2. Plug the modular cord's other end into a modular phone line jack.
3. Plug the TAD-1010's AC cord into a standard AC outlet.
4. For the best reception, adjust the base's antenna so it stands straight up.

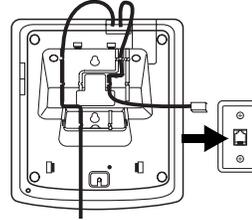
MOUNTING THE BASE ON A WALL

Using the supplied mounting bracket, you can mount the TAD-1010's base on a phone jack wall plate or directly on the wall.

To prepare the bracket for mounting, twist off the tabs attached to the center of the bracket and press them securely into the holes on the narrow end of the bracket.

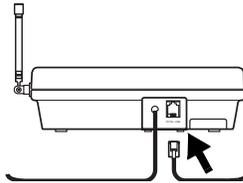


into the center groove on the right side of the bracket, then plug the modular cord into the modular phone jack.

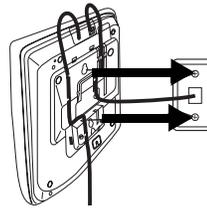


Mounting on a Wall Plate

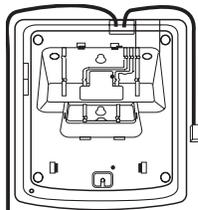
1. Plug one end of the supplied 7-inch modular cord into the **TO TEL. LINE** jack.



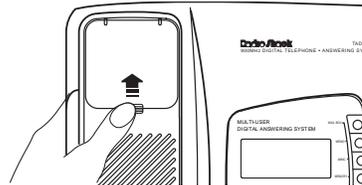
4. Line up the keyhole slots on the bracket with the studs on the wall plate, then slide the base down onto the wall plate until it is secure.



2. Insert the tabs on the supplied mounting bracket into the slots on the base's bottom. Then press the bracket down until it snaps into place.



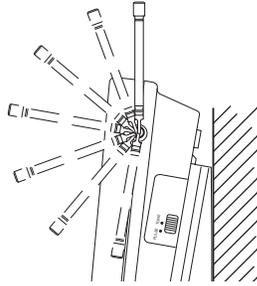
5. Press up on the handset holder to remove it, turn it over so its tabbed edge faces up, then press it back down into its slot on the base.



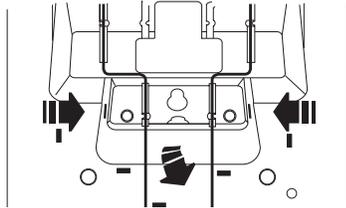
3. Press the AC cord into the top and bottom grooves on the left side of the bracket. Press the modular cord

6. Plug the TAD-1010's AC cord into a standard AC outlet.

7. For the best reception, adjust the base's antenna so it stands straight up.



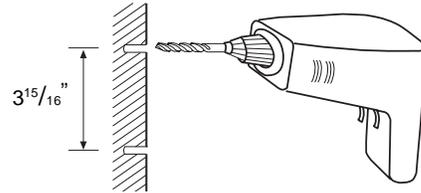
Note: If you want to remove the supplied bracket after attaching it, simply press in the tab on each side of the bracket and lift the bracket away from the base.



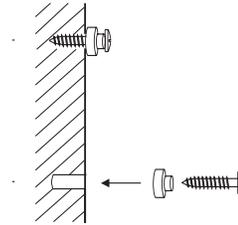
Mounting Directly on the Wall

Using a drill (not supplied) and the supplied screws and spacers, you can easily mount your TAD-1010 directly on the wall.

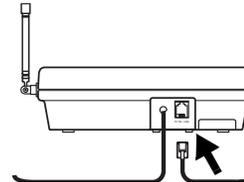
1. At the desired mounting location, drill two holes $3^{15}/16$ inches apart, one above the other.



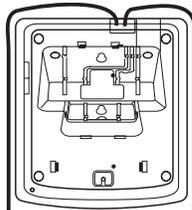
2. Place a spacer over each screw, then thread a screw into each wall hole until the screw's head extends about $1/4$ inch from the wall.



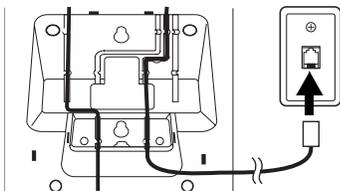
3. Plug one end of the supplied 7-foot modular cord into the **TO TEL. LINE** jack.



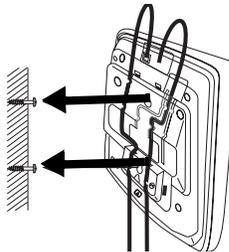
4. Insert the tabs on the supplied mounting bracket into the slots on the base's bottom, then press the bracket down until it snaps into place.



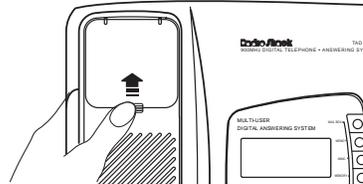
5. Press the AC cord into the top and bottom grooves on the left side of the bracket. Press the modular cord into the top and bottom grooves on the right side of the bracket, then plug the modular cord into a modular phone jack.



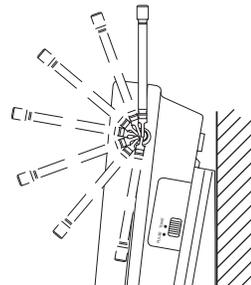
6. Line up the keyhole slots on the bracket with the screws on the wall, then slide the base down onto the screws until it is secure.



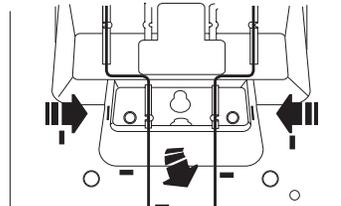
7. Press up on the handset holder to remove it, turn it over so its tabbed edge faces up, then press it back down into its slot on the base.



8. Plug the TAD-1010's AC cord into a standard AC outlet.
9. For the best reception, adjust the base's antenna so it stands straight up.



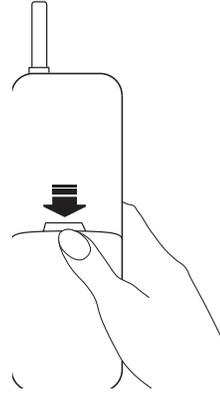
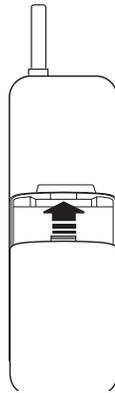
Note: If you want to remove the supplied bracket after attaching it, simply press in the tab on each side of the bracket and lift the bracket away from the base.



TELEPHONE PREPARATION

INSTALLING THE HANDSET BATTERY PACK

To install the supplied rechargeable battery pack, place it on the battery compartment tracks, then slide it up (toward the antenna) until it locks in place.



Note: The phone uses a rechargeable nickel-cadmium battery pack. At the end of the battery pack's useful life, it must be recycled or disposed of properly. Contact your local, county, or state hazardous waste management authorities for information on recycling or disposal programs in your area. Some options that might be available are: municipal curbside collection, drop-off boxes at retailers, recycling collection centers, and mailback programs.

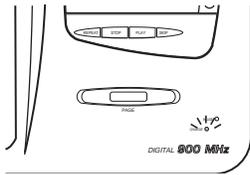
Note: You must charge a new battery pack at least 24 hours before you use it the first time. See "Charging the Handset Battery Pack" on Page 14.

When the handset's battery pack no longer recharges, replace the battery pack. You can order a replacement battery pack from your local Radio Shack store.

To remove the battery pack, press the tab on the back of the handset, slide the battery pack down (away from the antenna) until it stops, then lift it up to remove it.

CHARGING THE HANDSET BATTERY PACK

You must charge the battery pack at least 24 hours before you use the TAD-1010 the first time or when you replace the battery pack. To charge or recharge the battery pack, simply place the handset on the cradle. The CHARGE indicator lights.

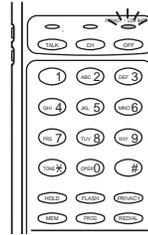


Notes:

- If the CHARGE indicator does not light or blinks continuously when you place the handset on the cradle, be sure the battery pack and AC adapter are correctly and securely connected. Also, check the charging contacts on both the handset and base. If the contacts are dirty or tarnished, clean them with a pencil eraser.
- If the handset is charged, and the AC adapter is unplugged from the AC outlet or the AC outlet loses power, the handset beeps intermittently until power is restored to the base and the security access-protection code is reset. To turn off the handset sooner so it stops beeping, press **TONE** *, #, or any number key (0-9).

- If the base loses AC power and the handset is away from the base, place the handset on the base for a few seconds after AC power is restored. This resets the security access-protection code.

You can recharge the battery pack at any time, but you must be sure to recharge the battery pack when the handset's PRIVACY/LOW BATT indicator lights.



If the battery pack will not hold a charge, replace it. We recommend you replace the battery pack about once a year.

Notes:

- The first time you use your phone after charging a new or completely discharged battery pack, the handset might not work or it might sound an error tone when you press **TALK**. If this happens, return the handset to the base for about 5 seconds, then try again.

- About once a month, fully discharge the battery pack. Otherwise, it will lose its ability to fully recharge, and you might have to recharge and replace it more often.

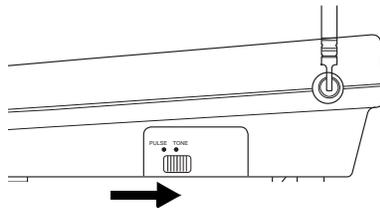
To fully discharge the battery pack, keep the handset off the cradle until **PRIVACY/LOW BATT** turns on. Then return the handset to the base and fully recharge the battery pack.

- Some deeply discharged batteries take longer to charge. If overnight charging is not sufficient, try charging for up to 48 hours.

SETTING THE PULSE/TONE SWITCH

Set **PULSE/TONE** for the type of service you have. If you are not sure which type you have, do this test.

1. Set **PULSE/TONE** on the side of the base to **TONE**.



2. Press **TALK** on the handset and listen for a dial tone.
3. Press any number other than **0**.

Note: If you must dial an access code (9, for example) to connect to

an outside line, do not enter the access code either.

If the dial tone stops, you have touch tone service. Leave **PULSE/TONE** set to **TONE**.

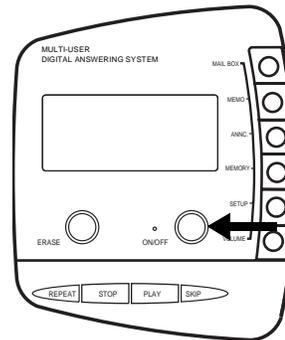
If the tone continues, you have pulse service. Set **PULSE/TONE** to **PULSE**.

4. To hang up, either place the handset on the cradle or press **OFF** on the handset.

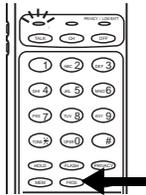
SETTING THE TELEPHONE RINGER

Follow these steps to select the telephone ringer sound. You can choose from four different rings.

1. Press **ON/OFF** to turn the base off.



2. Press **PROG**. The TALK indicator flashes.



3. Press **#**.

Note: If you do not complete Steps 2 and 3 within 30 seconds, the telephone exits this procedure. Start again from Step 2.

4. Press **1**, **2**, **3**, or **4** to hear each ringer sound.
5. When you hear the ringer sound you want, press **OFF** to exit. The TALK indicator turns off.

Checking the Ringer

Follow these steps to check the selected ringer sound.

1. Press **PROG**. The TALK indicator flashes.
2. Press **#**.
3. Press **0**. The phone rings once.
4. Press **OFF** to exit. The TALK indicator turns off.

Turning Off the Ringer

Follow these steps to turn off the hand-set ringer.

1. Press **PROG**. The TALK indicator flashes.
2. Within 30 seconds, press **#**.
3. Press **5**.
4. Press **OFF** to exit. The TALK indicator turns off.

Note: The IN USE and TALK indicators still flash to indicate an incoming call when the ringer is turned off.

TELEPHONE OPERATION

Important: If you move the handset outside the base's range, the handset will not operate properly and a call in progress might be disconnected (see "Troubleshooting" on Page 32).

ANSWERING/MAKING A CALL

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 any key on the handset (except **OFF**) before speaking.

Notes:

- Both the IN USE indicator on the base and the TALK indicator on the handset flash when you receive a call and light steadily while the handset is in use.
- If the handset's ringer is turned on and you press **OFF** while the handset is ringing, the handset's ringer turns off for that call only, then it automatically turns on when the next call comes in.

To make a call, pick up the handset and press **TALK**. When the IN USE indicator lights steadily and you hear a dial tone, dial the desired phone number or memory number (see "Memory Operation" on Page 20).

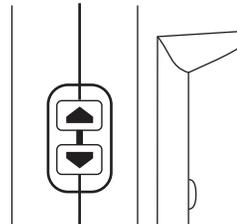
Notes:

- Before you get a dial tone, there might be a slight delay while the TAD-1010 searches through its 10 channels to find a clear channel. While the phone searches, the TALK indicator on the handset blinks.
- If you hear a short buzz when you press **TALK**, or the **PRIVACY/LOW BATT** indicator flashes, the handset batteries need recharging.

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

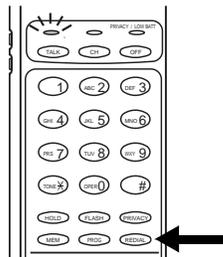
ADJUSTING THE HANDSET'S VOLUME

To adjust the handset's volume up or down during a call, press ▲ or ▼ on the side of the handset.



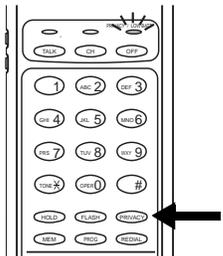
USING REDIAL

To redial the last number dialed, lift the handset, press **TALK** to get a dial tone, then press **REDIAL**. The phone automatically dials the last number dialed.



USING PRIVACY

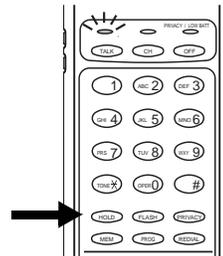
To talk to someone else in the room without the person on the other end of the phone hearing your conversation, press **PRIVACY**. The PRIVACY/LOW BATT indicator on the handset lights steadily. The person on the other end cannot hear you, but you can hear conversation on the other end.



Press **PRIVACY** again to resume your phone conversation. The PRIVACY/LOW BATT indicator turns off.

USING HOLD

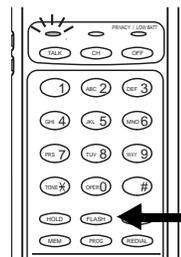
To place a call on hold, press **HOLD**. The TALK indicator flashes to remind you that the call is on hold.



To take a call off hold and resume your conversation, press **TALK**. The TALK indicator lights steadily.

USING FLASH

You can use **FLASH** to produce a switchhook signal for special phone services, such as call waiting. If you have call waiting, press **FLASH** to take an incoming call without disconnecting the current call. Press **FLASH** again to return to the first call.

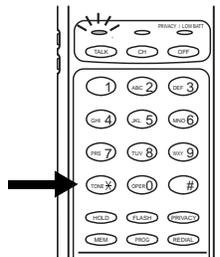


Note: If you do not have any special phone services, pressing **FLASH** might disconnect the current call.

USING TONE SERVICES ON A PULSE LINE

If you have pulse service, you can temporarily switch to sending tone signals for banking services or computer transactions.

Dial the service's phone number as usual, then simply press **TONE** \times at the appropriate place in the call to change to tone dialing. Further key presses produce tone signals.

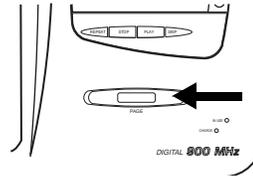


The phone automatically resets to use pulse dialing when you hang up.

USING PAGE

The **PAGE** button lets you page someone in your home or office and helps you locate the handset when it is away from the base.

1. Press **PAGE** on the base. The handset rings.



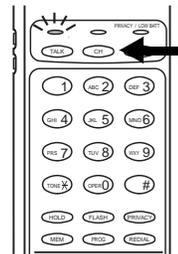
Note: **PAGE** still works even when the ringer is turned off.

2. Press **OFF** on the handset or **PAGE** on the base to cancel the paging tone.

CHANGING CHANNELS

The TAD-1010 continuously scans 10 channels (frequency pairs used between the base and the handset) and automatically selects a clear channel each time you make or receive a call using the handset.

If you notice interference when using your handset, press **CH** to switch to a clear channel.



Note: You cannot change channels when a call is on hold.

MEMORY OPERATION

You can store up to 10 phone numbers in the TAD-1010's memory, then quickly dial them.

Note: Each phone number can be up to 16 digits long.

Storing a Number in Memory

1. Press **OFF** on the handset.
2. Press **PROG**. The TALK indicator flashes.
3. Press the number (**0–9**) of the memory location where you want to store the phone number.

Note: If you do not complete Steps 2 and 3 within 30 seconds, the telephone exits this procedure. Start again from Step 2.

4. Using the handset, dial the number you want to store.

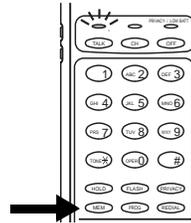
Notes:

- To store the last number dialed, press **REDIAL**.
- For security purposes, we recommend that you do not store private numbers, such as personal identification numbers or passwords.
- If you have pulse service and want to use tone dialing, press **TONE** ✕ at the appropriate place in the number sequence.

- To store one or more pauses in the memory number, see "Storing a Pause in Memory" on Page 21.

- Each pause or **TONE** ✕ entry counts as one memory digit.

5. Press **MEM** (memory) to store the number in memory. The phone rings once.



Note: If you hear a long buzzing tone, the number is not stored. Repeat the procedure.

Repeat this procedure for each number you want to store.

Notes:

- To change or replace a stored number, simply enter a new number in its place.
- To erase a number from memory, repeat this procedure, but skip Step 4.

Storing a Pause in Memory

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 must also store a pause after the access code.

To insert a pause in a number you store in memory, press **HOLD** at the appropriate point. This inserts a 1 $\frac{1}{2}$ -second pause. For longer pauses, press **HOLD** two or more times.

Dialing a Stored Number

1. Press **TALK** to get a dial tone.
2. Press **MEM** and the number key for the memory location (**0-9**).

Chain Dialing Service Numbers

You can make a call using more than one of the TAD-1010's memory locations. This is called chain dialing. Chain dialing is useful for dialing special services such as alternate long distance or bank-by-phone.

When calling special services, dial the service's main number first. Then, at the appropriate place in the call, press **MEM** and the number for the memory location where the additional information is stored.

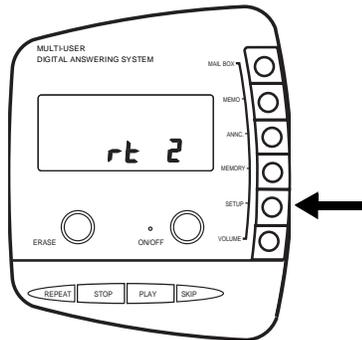
TAD SETUP AND BASIC OPERATION

SETTING THE NUMBER OF RINGS

The TAD is preset to sound two rings before it answers the first call. Follow these steps to change the number of rings (two rings, four rings, or toll-saver).

Note: If you plan to check your messages by long distance, set the number of rings to toll-saver.

1. Press and hold **SETUP** for 2 seconds. The TAD beeps and **rt** and the current ring setting appear on the display.



2. Press **REPEAT** or **SKIP** to scroll to the desired ring setting.
3. Press **STOP** or wait 3 seconds to exit the setup sequence. Or, press **SETUP** again to set the remote operation security code.

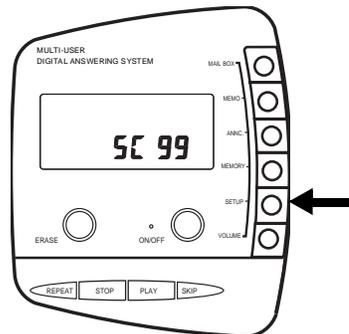
SETTING THE REMOTE OPERATION SECURITY CODE

The remote operation security code permits remote access to the TAD. Your remote operation security code can be any number from 00 to 99.

Note: The remote operation security code default setting is 99.

Follow these steps to change the remote operation security code.

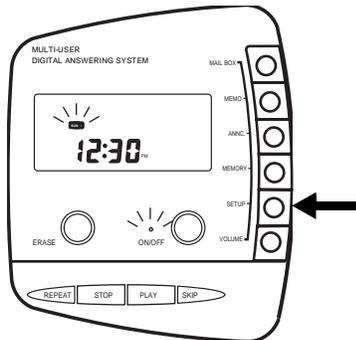
1. Press and hold **SETUP** until the current remote operation security code appears on the display.



2. Press **REPEAT** or **SKIP** to scroll to the desired two-digit code number.
3. Press **STOP** or wait 3 seconds to exit the setup sequence. Or, press **SETUP** again to set the day and time.

SETTING THE DAY AND TIME

1. Press and hold **SETUP** until the time and flashing day icon appear.



2. Press **REPEAT** or **SKIP** to scroll to the desired day.
3. Press **STOP** or wait 3 seconds to exit the setup sequence. Or, press **SETUP** again to set the hour. The hour flashes.
4. Press **REPEAT** or **SKIP** to scroll to the desired hour.

Note: **AM** and **PM** appear for AM and PM hours.

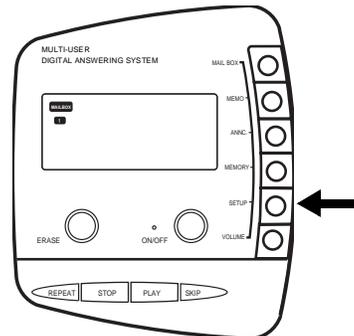
5. Press **STOP** or wait 3 seconds to exit the setup sequence. Or, press **SETUP** again to set the minutes. The minutes flash.
6. Press **REPEAT** or **SKIP** to scroll to the desired minute.
7. Press **STOP** or wait 3 seconds to exit the setup sequence. Or, press **SETUP** again to set the mailbox number.

SETTING THE NUMBER OF MAILBOXES

The TAD is preset to record calls for a single user; however, the mailbox feature allows you to set up to four separate, private mailboxes in addition to the generic message mailbox. Callers can leave messages in mailboxes for specific individuals or departments or general messages for everyone to hear.

Follow these steps to set the number of mailboxes you want to use.

1. Press and hold **SETUP** until the mailbox icon appears.



2. Press **REPEAT** or **SKIP** to select the desired number of mailboxes.

Note: If no mailbox numbers appear, the mailbox is set for the generic mailbox.

3. Press **STOP** or wait 3 seconds to exit the setup sequence.

SELECTING AN ANNOUNCEMENT

The TAD has three announcement options: 1, 2, and OGM.

- Announcement 1 lets you record a personal announcement, and the caller is able to leave a message up to 5 minutes long.

If you decide not to record your own message, Announcement 1 plays a pre-recorded message that says "Please record message after the tone."

- Announcement 2 lets you record a personal announcement, but the caller is unable to leave a message.

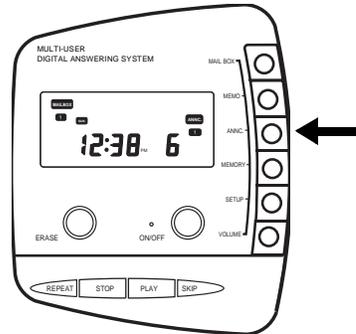
If you decide not to record your own message, Announcement 2 plays the pre-programmed outgoing message.

- OGM (Outgoing Message) is pre-programmed, and the caller is not able to leave a message.

The OGM announcement says "No one can answer the phone at the moment. Please call again."

Note: If Announcement 1 is selected and the memory is full, the TAD plays the pre-programmed OGM.

To select which announcement plays when the TAD answers calls, press **ANNC**. The display changes from 1 to 2 to **OGM**.



Recording an Announcement

You can record a personal message for the caller to hear when the TAD answers a call.

Important Hints:

- The outgoing message must be at least 2 seconds long for proper remote operation.
- Your recorded announcements can be up to 2 minutes long, but more than 5 seconds of silence automatically stops recording.
- We recommend you write down your announcement before recording it. If you plan to record callers' messages, ask for the caller's name, phone number, and message.

- Do not tell callers that you are not home. Instead, say that you cannot come to the phone right now.
- If you set the TAD to receive messages for up to four different users, your outgoing announcement should explain how to leave a message for a particular person.

For example:

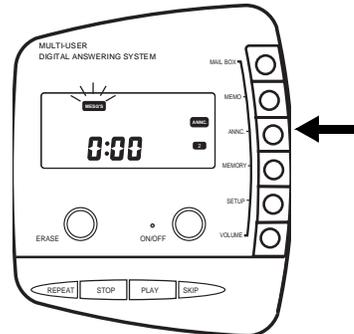
“You have reached the Jones residence. We are unable to come to the phone right now, but you may press: 1 to leave a message for John, 2 to leave a message for Mary, 3 to leave a message for Susan, 4 to leave a message for Paul, or just wait for the beep, then leave your message.”

If you are recording an announcement for a business, you might use:

“Hello! You have reached XYZ Company. To leave a message for our Sales Department, press 1; for Manufacturing, press 2; for Customer Service, press 3; for Delivery, press 4. Or, you can leave a message after the beep.”

Follow these steps to record your outgoing announcement.

1. Press **ANNC** until **1** (for Announcement 1) or **2** (for Announcement 2) is displayed.



2. Press and hold **ANNC** for 2 seconds. The TAD beeps and the clock displays **0:00** and begins counting.

Note: To ensure all of your outgoing announcement is recorded, begin speaking when the clock displays **0:01**.

3. Speak into the TAD from about 12 inches away.
4. When you finish speaking, press **ANNC** or **STOP**.

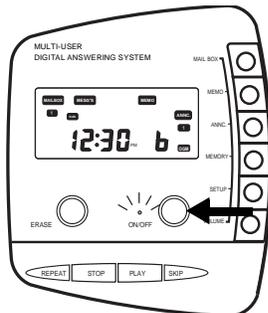
Checking the Outgoing Announcement

Press and hold **PLAY** for 2 seconds to review the currently selected announcement at any time.

To stop listening to the outgoing announcement before it ends, press **STOP**.

SETTING THE TAD TO ANSWER CALLS

To turn the TAD on and set it to answer calls, press **ON/OFF**. The ON/OFF indicator lights when the TAD is on.



Notes:

- If **+** flashes while the AC adapter is properly connected, replace the backup battery.
- Many local phone companies use calling party control (CPC) to signal that the caller has hung up. If your TAD recognizes a CPC signal, it releases the line. If you have Call Waiting service, your TAD might mistake the tone for a CPC signal and release the line.

If the TAD records phone company messages or dial tones, your local phone company probably does not use CPC.

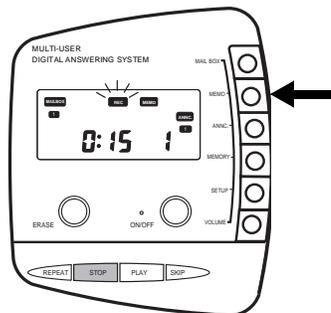
To turn off the TAD, press **ON/OFF**.

Note: The cordless phone still operates when the TAD is off.

RECORDING A MEMO

Follow these steps to record a memo up to 5 minutes long.

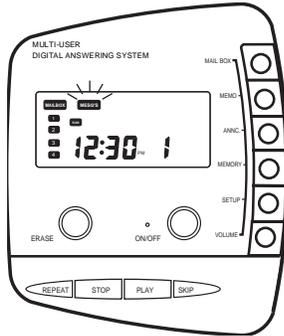
1. If multiple mailboxes are set up, press **MAILBOX** to select the mailbox where you want to record the memo. If no specific mailbox is selected, the memo is recorded in the generic mailbox.
2. Press and hold **MEMO** for 2 seconds. The TAD says "Recording Memo" and beeps, **REC** flashes, and the clock displays **0:00** and begins counting.



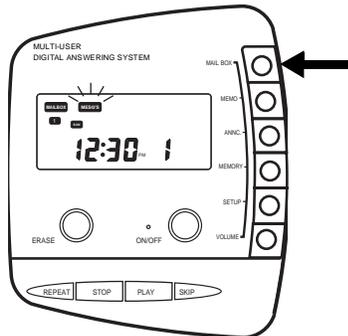
3. Speak into the TAD from about 12 inches away.
4. When you finish speaking, press **MEMO** or **STOP**.

PLAYING MESSAGES

When a new message or memo is recorded, **MESG'S** flashes. If a message or memo is in a specific mailbox, the mailbox number flashes also.

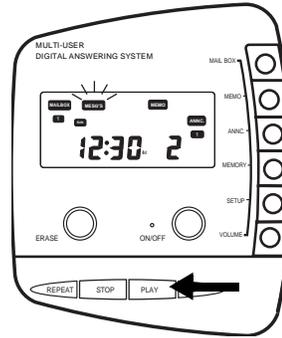


1. Press **MAILBOX** until the desired mailbox number lights. The message counter indicates the number of messages in the current mailbox.



2. Press **PLAY**. The clock displays the day and time the message was recorded. Each message plays fol-

lowed by the day and time it was recorded.



Notes:

- You hear the most recent messages first.
- Each new message is preceded by "New message." Each new memo is preceded by "New memo." Each old memo is preceded by "Memo."
- If the TAD has no more space to record new messages, the TAD says "Memory full."

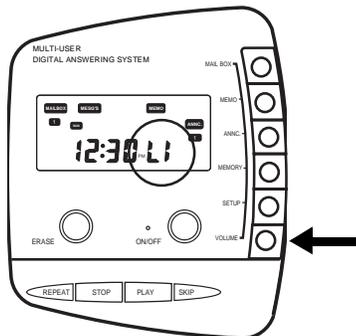
Press **MEMORY** at any time to check the amount of memory available for new messages and memos. The TAD announces the number of available minutes in memory. Erase stored messages, as needed, to free memory.

- After all messages and memos have played, the TAD says "End of messages."

3. Press **SKIP** to skip to the next message. Press **REPEAT** twice to play the previous message.
4. Press **STOP** at any time to exit message playback.

ADJUSTING THE TAD'S VOLUME

You can adjust the volume of the TAD by repeatedly pressing **VOLUME** during message playback and call screening. The TAD has four volume settings from 1 to 4, soft to loud.

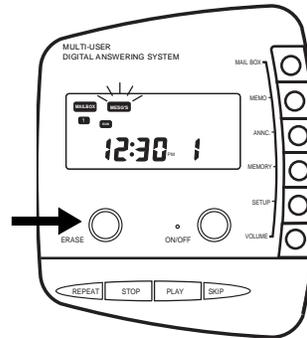


L1, L2, L3, or L4 appears on the display to show the selected volume level.

ERASING MESSAGES

To erase the current message, press **ERASE** at any time during message (or day and time) playback.

To erase all old messages, press and hold **ERASE** for about 2 seconds. New (unheard) messages are not erased.



To erase all old messages in a specific mailbox, select the mailbox, and press and hold **ERASE** for about 2 seconds. New (unheard) messages are not erased.

REMOTE OPERATION

USING THE TOLL-SAVER

When you call the TAD with the ring type set to toll-saver, it answers after about two rings if you have new messages (ones you have not played). If there are no new messages, the TAD waits for about four rings before it answers. This gives you time to hang up before the TAD answers so you can avoid unnecessary long-distance charges. See "Setting the Number of Rings" on Page 22.

ACCESSING THE TAD BY REMOTE

While you are away from the phone base, you can use the cordless handset or a touch-tone phone or a pulse (rotary) phone with a pocket tone dialer to enter your security code and do any of the following:

- Set the TAD to answer calls
- Listen to your messages
- Turn on mailboxes
- Record a new announcement
- Record a memo
- Erase messages
- Turn the TAD off

From the Cordless Handset

1. Pick up the handset and press **TALK** to get a dial tone.

Note: If the phone is set to **PULSE**, press **TONE** * to temporarily change to touch-tone dialing.

2. Press **TONE** * followed by the **#** key within 10 seconds.

The TAD plays a series of voice prompts to guide you through the remote operation features. (See "Using Remote Commands" on Page 30.)

From Another Phone Line

Note: You cannot access the TAD from another telephone on the same line as your TAD-1010.

1. Dial your phone number and wait for the TAD to answer. If the TAD is **OFF** when you call, let the phone ring 10 times. The TAD automatically turns itself on and answers your call.
2. When the outgoing announcement begins, press * and enter the 2-digit remote operation security code. The announcement stops, and the TAD plays a series of voice prompts to guide you through remote operation features. (See "Using Remote Commands" on Page 30.)

Note: If you enter the correct remote operation security code, but the TAD does not accept it, the code might have reset to the default (99) because of a power failure. Try entering **99** as the remote operation security code. If this works, replace the TAD's backup battery and reset the remote operation security code (see "Setting the Day and Time" on Page 23 and "Setting the Remote Operation Security Code" on Page 22).

USING REMOTE COMMANDS

Follow these steps to operate the TAD from the cordless handset or a remote touch-tone phone.

1. After you access the TAD by remote, the TAD announces either "X new message(s)" or "No new messages," indicating the total number of new messages stored in all mailboxes.

Note: The TAD announces "Memory full" if there is no more space for messages, and "Low battery" if the back-up battery power is low.

The TAD then announces "Press one to play messages. Press six to select mailbox. Press star for other functions."

Notes:

- If you want to hang up the phone in the middle of playing messages, press **4** to stop message playback before you hang up. If you don't stop message playback, the TAD continues to play messages and tie up your phone line.
 - If you do not press a button within 20 seconds, the TAD hangs up.
2. Enter your selection.
 3. When your selected option is completed, the TAD repeats the list of remote commands. Enter a new command or hang up the phone.

Remote Operation Commands

Use these keys on the cordless handset or on a touch-tone phone or pocket tone dialer to operate the TAD when you are away from the base. The TAD plays a series of voice prompts to guide you through remote operation commands.

Press	To:
1	Play messages and memos.
2	Repeat message. Press once to repeat the current message; press twice quickly to repeat the previous message.
3	Skip messages while listening to message playback.
4	Stop playback of messages, memos, or the outgoing announcement; end recording of memo and outgoing announcement.
5	Delete message during playback (or during time/day stamp). Press again to confirm deletion.
6	Select the mailbox. Enter mailbox number (0 for generic mailbox, 1-4 for specific mailbox, or 5 for all mailboxes).
7	Play the current announcement.
8	Select the other available announcements.
9	Record a new announcement.
0	Record a memo in the currently selected mailbox.
#	Turn the TAD off.

TROUBLESHOOTING

We do not expect you to have any problems with your TAD-1010, but if you do, try these suggestions. If you still have problems, take your TAD-1010 to your local Radio Shack store for assistance.

Problem	Suggestion
Noise, static, or weak signal when the phone is away from the base.	Move closer to the base or relocate the base.
Noise, static, or weak signal even when the phone is near the base.	Place the handset in the base momentarily to set the security access protection code and reset the channel.
The TAD does not answer calls.	Check all phone line connections.
	Make sure the AC adapter is properly connected to the base.
The TAD does not record callers' messages.	Check the memory available and erase messages as required.
	The TAD is set to Announcement 2 or OGM. Set the TAD to Announcement 1.
The handset does not ring when you receive a call.	Make sure the handset ringer is turned on.
	Check all phone line connections.
	Make sure the AC adapter is properly connected to the base.
	Unplug some of the other phones on the telephone line.
Your caller's voice fades in and out.	Move closer to the base or relocate the base.

Problem	Suggestion
You hear other calls while using your phone.	Place the handset in the base momentarily to set the security access protection code and reset the channel.
	Disconnect the base from the telephone jack, and plug in a regular phone. If you still hear other calls, the problem is probably in your wiring or local service. Contact your local telephone company.
You hear noise in the handset, and none of the keys or buttons work.	Make sure the AC adapter is properly connected to the base.
	Place the handset in the base momentarily to set the security access protection code and reset the channel.
No dial tone.	Check all phone line connections.
	Make sure the AC adapter is properly connected to the base.
	Make sure the batteries are properly charged.



OUT OF RANGE INDICATIONS

If you move the TAD-1010's handset out of the base's range, the handset will not operate properly. While it is out of range, the handset sounds different alert tones and flashes various indicators.

Note: To turn off the out of range indications while the handset is out of range, you can press **TONE** ✕, #, or any number key (0-9).

Out of Range with No Call

If you move the handset out of the base's range when the handset is not in use, the handset's CH indicator flashes and the handset beeps quietly at 10-30 second intervals. The handset might not ring for incoming calls. When you move the handset back within range of the base again, the CH indicator turns off and the handset stops beeping.

If the base is unplugged, the handset sounds the out-of-range warning beeps and CH flashes until the base is powered again and the handset is returned to the base. To turn off the out of range warnings, press any handset key until the handset beeps.

Out of Range with a Call in Progress

If you move the handset out of the base's range while a call is in progress, the handset's CH indicator lights steadily, the handset beeps quietly at 5-second intervals, and you and the other party cannot hear each other.

If you move the handset back within the base's range within 30 seconds, the CH indicator turns off, the handset stops beeping, and you can resume your phone conversation.

If you keep the handset out of the base's range for 30 seconds or more, the call is disconnected (the TALK indicator turns off), the CH indicator begins to flash, and the handset begins to beep at 10-30 second intervals. When you move the handset back within range of the base again, the indicator turns off and the handset stops beeping.



CARE AND MAINTENANCE

Your Radio Shack TAD-1010 900-MHz Digital Cordless Telephone with Digital Multi-User Answering System is an example of superior design and craftsmanship. The following suggestions will help you care for your TAD-1010 so you can enjoy it for years.



Keep the TAD-1010 dry. If it gets wet, wipe it dry immediately. Liquids might contain minerals that can corrode the electronic circuits.



Handle the TAD-1010 gently and carefully. Dropping it can damage circuit boards and cases and can cause the TAD-1010 to work improperly.



Use and store the TAD-1010 only in normal temperature environments. Temperature extremes can shorten the life of electronic devices and distort or melt plastic parts.



Keep the TAD-1010 away from dust and dirt, which can cause premature wear of parts.



Wipe the TAD-1010 with a damp cloth occasionally to keep it looking new. Do not use harsh chemicals, cleaning solvents, or strong detergents to clean the TAD-1010.

Modifying or tampering with the TAD-1010's internal components can cause a malfunction and might invalidate its warranty and void your FCC authorization to operate it. If your TAD-1010 is not performing as it should, take it to your local Radio Shack store for assistance. If the trouble is affecting the phone lines, the phone company can ask you to disconnect the phone until you have resolved the problem.

THE FCC WANTS YOU TO KNOW

In the unlikely event that your phone causes problems on the phone line, the phone company can temporarily discontinue your service. The phone company normally 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 phone company normally notifies you of these changes in advance, so you can take the necessary steps to prevent interruption of your phone service.

Your phone might cause TV or radio interference even when it is operating properly. To determine whether your phone is causing the interference, turn off and unplug your phone and disconnect the handset battery. If the interference goes away, your phone is causing the interference.

Try to eliminate the interference by:

- Moving your phone away from the receiver
- Connecting your phone to an AC outlet that is on a different electrical circuit from the receiver
- Contacting your local Radio Shack store for help

If you cannot eliminate the interference, the FCC requires that you stop using your phone.

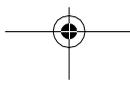
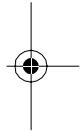
LIGHTNING

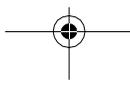
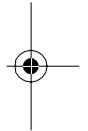
Your TAD-1010 has built-in protection circuits to reduce the risk of damage from surges in phone and power line current. These protection circuits meet or exceed FCC requirements. However, lightning striking the phone line or power lines can damage your phone.

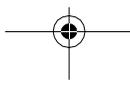
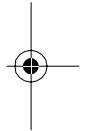
Lightning damage is not common. Nevertheless, if you live in an area that has severe electrical storms, we suggest that you unplug your phone during storms to reduce the possibility of damage.

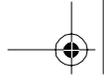


NOTES









RADIO SHACK LIMITED WARRANTY

This telephone product is warranted against manufacturing defects in material and workmanship for one (1) year from the date of purchase from Radio Shack company owned stores and authorized Radio Shack franchisees and dealers. Within this period **bring your Radio Shack sales slip** as proof-of-purchase date to any Radio Shack store.

This warranty does not cover damage or failure caused by or attributable to Acts of God, abuse, misuse, improper or abnormal usage, faulty installation, improper maintenance, lightning or other incidence of excess voltage, or any repairs other than those provided by a Radio Shack Authorized Service Facility, or transportation costs. **Radio Shack is not responsible or liable for indirect, special, or consequential damages arising out of or in connection with the use or performance of the product or other damages with respect to loss of property, loss of revenue or profit, or costs of removal, installation or reinstallation.**

EXCEPT AS PROVIDED HEREIN, RADIO SHACK MAKES NO EXPRESS WARRANTIES AND ANY IMPLIED WARRANTIES ARE LIMITED IN DURATION TO THE DURATION OF THE WRITTEN LIMITED WARRANTIES CONTAINED HEREIN. Some states do not allow the limitation or exclusion of incidental or consequential damages and some states do not allow limitation or exclusion of implied warranties; therefore, the aforesaid limitation(s) or exclusion(s) may not apply to the purchaser. There will be charges rendered for repairs to the product made after the expiration of the aforesaid one (1) year warranty period.

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

We Service What We Sell

9/94



RADIO SHACK
A Division of Tandy Corporation
Fort Worth, Texas 76102

1A6

Printed in Hong Kong

