



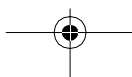
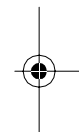
Cat. No. 43-799

## OWNER'S MANUAL

Please read before using this equipment.

# TAD-799

## Fully Digital Telephone Answering System with Day/Time Voice Stamp



## FEATURES

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Your RadioShack TAD-799 Fully Digital Telephone Answering System stores all messages on a computer chip — there are no tape mechanisms to wear out and no tapes to bother with. This gives you capabilities not available in tape-based answering machines. For example, you can delete individual messages without listening to every one.

The TAD-799's 16-minute memory capacity lets you store more messages than many other TADs (telephone answering devices). Its unique, space-saving design makes it ideal for home and office use. Your TAD's remote control features let you retrieve messages from almost any touch-tone phone. With an optional pocket tone dialer, you can even use it from a rotary phone.

Your TAD's features include:

**Voice Day/Time Stamp** — announces the day and time when each message was recorded.

**Call/Message Counter** — displays the number of messages recorded.

**Selectable 3-Digit Remote Operation Security Code** — helps prevent unauthorized remote operation.

**Digital Outgoing Message** — gives you a clear outgoing message than can be up to 60 seconds long.

**Memory Backup** — protects messages stored in memory in case of a power failure.

**Automatic Toll Saver** — answers the phone after two rings when you have new messages. Otherwise, it answers after four rings. This lets you hang up before the TAD answers to avoid charges when you call by long-distance to check your messages.

**Room Monitor** — lets you listen from a remote phone to the room where your TAD is located.

**Call Screening** — you can listen to incoming calls so you can decide whether or not to answer.

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**Phone Pick-Up Detection** — the TAD automatically stops if you answer a call after the TAD answers.



**DELETE Button** — lets you quickly erase messages individually or all at once.

**Memo Recording** — lets you leave memos for your family, roommates, or co-workers as messages on the TAD.

To take advantage of all the TAD's features, we recommend that you read this manual completely before you use the TAD.

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

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

|  |   |   |
|--|---|---|
|   | <b>CAUTION</b><br>RISK OF ELECTRIC SHOCK.<br>DO NOT OPEN. |  |
| <b>CAUTION:</b> 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

We have designed your TAD-799 to conform to federal regulations, and you can connect it to most telephone lines. However, each device you connect to the phone line draws power from it. This power draw is the device's *Ringer Equivalence Number*, or REN. The REN is shown on the bottom of the TAD.

you use more than one telephone or other device on the line, add up all of the RENs. If the total is more than five, your telephones 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

Your TAD 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 marked on the bottom of the TAD.

**Note:** You must not connect the TAD to:

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

# CONTENTS

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|   |           |
|---|-----------|
| <b>Installation .....</b>                         | <b>6</b>  |
| Choosing a Location .....                         | 6         |
| Installing the Backup Battery .....               | 6         |
| Connecting to the Telephone Line .....            | 7         |
| Connecting to Power .....                         | 8         |
| <b>Preparation .....</b>                          | <b>9</b>  |
| Setting the Day and Time .....                    | 9         |
| Recording the Outgoing Message .....              | 10        |
| <b>Basic Operation .....</b>                      | <b>11</b> |
| Setting the Number of Rings .....                 | 11        |
| Setting the TAD to Answer Calls .....             | 11        |
| Recording Incoming Messages .....                 | 12        |
| Screening Calls .....                             | 12        |
| Playing Messages .....                            | 12        |
| Repeating Messages .....                          | 13        |
| Skipping Messages .....                           | 13        |
| Pausing Message Playback .....                    | 13        |
| Stopping Message Playback .....                   | 13        |
| Erasing Messages .....                            | 14        |
| Recording a Memo .....                            | 14        |
| <b>Remote Operation .....</b>                     | <b>15</b> |
| Using Toll-Saver .....                            | 15        |
| Changing the Remote Operation Security Code ..... | 15        |
| Remote Answer-On .....                            | 16        |
| Using Remote Commands .....                       | 17        |
| Remote Commands .....                             | 18        |
| <b>Troubleshooting .....</b>                      | <b>19</b> |
| <b>Care And Maintenance .....</b>                 | <b>20</b> |
| The FCC Wants You to Know .....                   | 21        |
| Lightning .....                                   | 21        |

## INSTALLATION

### CHOOSING A LOCATION

Select a location that is near a modular telephone jack and an AC outlet.

#### Notes:

- Your TAD-799 connects directly to a modular telephone line jack. If your telephone wiring does not have a modular jack, you can update it yourself using jacks and adapters available at your local RadioShack store, or have the telephone company update it for you.
- The USOC number of the jack to be installed is RJ11C (or RJ11W for a wall plate jack).

**Caution:** The supplied AC adapter was designed specifically for your TAD-799. Use only the supplied adapter.

### INSTALLING THE BACKUP BATTERY

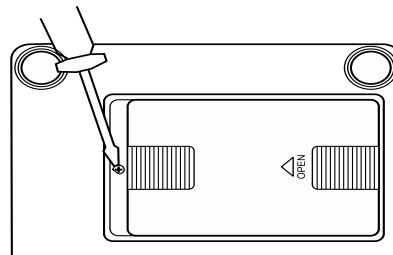
The TAD requires AC power to operate. However, if AC power fails, or you unplug the TAD, a 9-volt battery (not supplied) provides backup power so the TAD can maintain the correct time and memory information. We recommend you use an alkaline battery, available at your local RadioShack store.

#### Cautions:

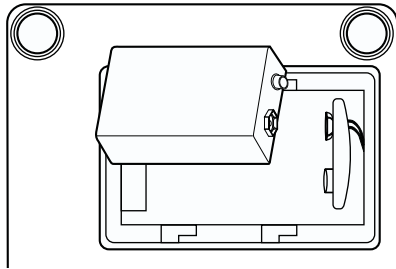
- Use only fresh batteries of the required size and recommended type.
- Do not mix old and new batteries, different types of batteries.

Follow these steps to install the battery.

1. Use a flat-blade screwdriver to unlatch the battery compartment cover (as shown), then slide the cover in the direction of the arrow and lift it off.



2. Snap the battery's terminals to the connector inside the compartment.



3. Replace the cover.

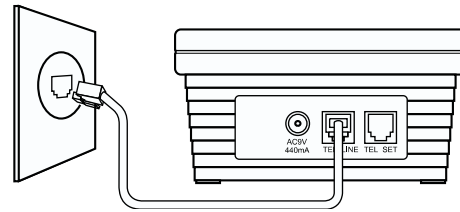
When **Lo** and the two-digit number of calls in memory alternately flash on the display, replace the battery. When you replace the battery, be sure the TAD is connected to AC power so you do not lose any stored information.

**Cautions:**

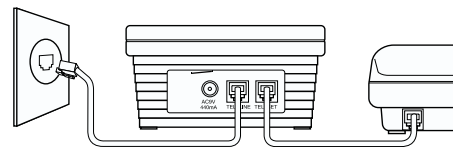
- Dispose of old batteries promptly and properly. Do not burn or bury them.
- Always remove old or weak batteries. Batteries can leak chemicals that can destroy electronic parts.

## CONNECTING TO THE TELEPHONE LINE

To connect the TAD to the phone line, plug one end of the supplied modular cord into the **TEL LINE** jack on the back of the TAD. Then plug the other end into a modular phone jack.



You can also connect a telephone to the **TEL SET** jack on the back of the TAD using a second modular cord (not supplied).

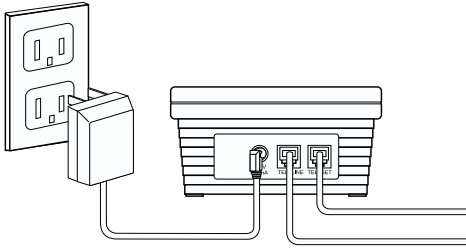


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## CONNECTING TO POWER

Insert the supplied adapter's barrel plug into the **AC 9V** jack on the back of the TAD. Then plug the AC adapter's other end into a standard AC outlet.



**Caution:** You must use a Class II power source that supplies 9 volts AC and delivers at least 400 mA. Its center tip must be set to positive and its plug must fit the TAD's **AC 9V** jack. The supplied adapter meets these specifications. Using an adapter that does not meet these specifications could damage the TAD or the adapter.

When you first connect power, — — flashes on the display, then the TAD runs a self-test. You cannot operate the TAD during this test. When the test is complete, the TAD beeps once, then **L0** flashes.



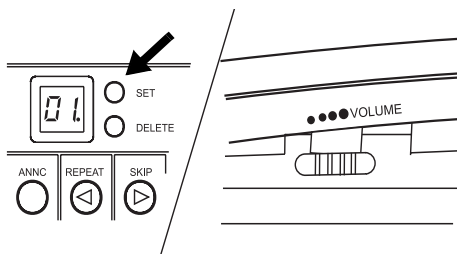
## PREPARATION

### SETTING THE DAY AND TIME

Follow these steps to set the day and time so the TAD records the correct day and time of the call with each phone message.

#### Notes:

- To avoid having to reset the time if AC power is lost, we recommend you install a battery before you set the day and time.
  - If you do not complete any step within 8 seconds, the TAD sounds a three-tone beep and stops setting the day and time. Start over at Step 1
- Press and hold **SET** until the TAD beeps. The TAD announces, "Sunday," and **01** appears on the display.



**Note:** If necessary, adjust **VOLUME** on the right side of the TAD to the desired listening level.

- To change the day of the week, repeatedly press **REPEAT** to move backward or **SKIP** to move forward until the TAD announces the desired day of the week.
- Press **STOP**. The TAD beeps once and announces the time format, "AM" or "PM."
- To change the hour, repeatedly press **REPEAT** until you hear the desired hour.
- Press **STOP**. The TAD beeps once to confirm the hour setting.
- To change the minutes, repeatedly press **REPEAT** until you hear the desired minute setting.
- Press **STOP** to confirm the settings. The TAD beeps and announces the day and time.

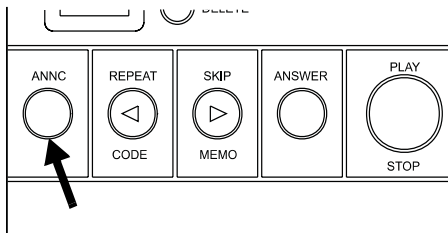
To check the current day and time at any time, press **SET**.

## RECORDING THE OUTGOING MESSAGE

Before you can set the TAD to answer calls, you must record the outgoing message (OGM) the caller hears when the TAD answers a call.

**Note:** The maximum outgoing message length is 60 seconds.

1. Hold down **ANNC**. The TAD beeps.



**Note:** When memory is full, the TAD displays **FL** and announces, "Memory is full," and you cannot record the outgoing message. Delete old messages to make room in memory (see "Erasing Messages" on Page 14).

2. Speak in a normal voice about 8 inches (20 cm) away from the front of the TAD. Ask for the caller's name, phone number, and message. The display counts down the seconds as you record.

**Hint:** Do not tell callers that you are not home. Instead, say that you cannot come to the phone right now.

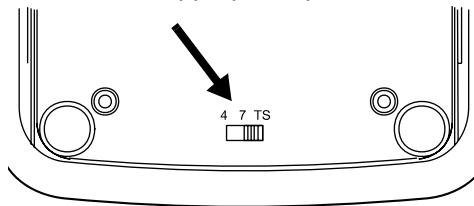
3. When you finish recording, release **ANNC**. The TAD beeps and repeats the outgoing message so you can verify it.

To play the outgoing message at any time, press **ANNC**. If no outgoing message is recorded, the TAD says "No announcement."

## BASIC OPERATION

### SETTING THE NUMBER OF RINGS

The ring select switch on the bottom of the TAD controls how long the TAD-799 waits before it answers a call. Slide the switch to the appropriate position.



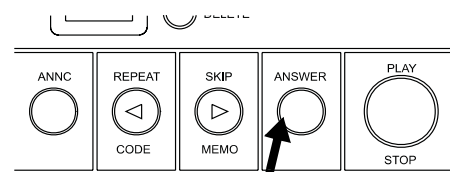
**4** — The TAD answers after four rings.

**7** — The TAD answers after seven rings.

**TS (Toll Saver)** — If there are new messages, the TAD-799 answers after two rings. Otherwise, the TAD answers after four rings.

### SETTING THE TAD TO ANSWER CALLS

To set the TAD to answer calls, press **ANSWER**.



- If an outgoing message is recorded, the TAD announces, "Answer on," and the display lights.
- If no outgoing message is recorded, the TAD says, "Answer off, no announcement." You must record a message (see "Recording the Outgoing Message" on Page 10).

To have the TAD not answer calls, press **ANSWER** again. The TAD says "Answer off," and the display turns off.

## RECORDING INCOMING MESSAGES

The TAD can record an incoming message of up to 60 seconds. If a recording reaches 55 seconds, the TAD beeps once to notify the caller that time will be up soon. If the recording reaches 60 seconds, the TAD beeps three times, then disconnects.

The TAD automatically stops and hangs up if the caller is silent more than 8 seconds.

## SCREENING CALLS

Your TAD lets you listen as callers leave messages. If you want to speak to a caller, pick up any phone on the same line and begin speaking. The TAD detects when you pick up the phone and automatically resets to answer the next call.

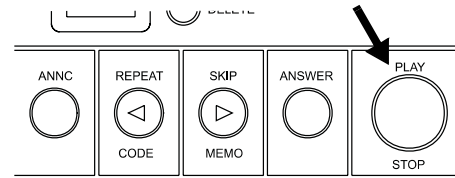
**Note:** If you pick up the phone exactly when the TAD answers, you might need to press **STOP** to stop the TAD.

## PLAYING MESSAGES

If there are new messages, the display flashes until those messages have been

played. The display shows the total number of messages.

To play all the messages, press **PLAY**. Or, to play only the new messages, hold down **PLAY**. The TAD announces the number of messages.



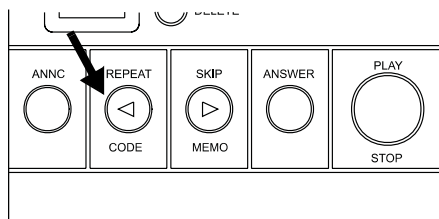
**Note:** If you hold down **PLAY** when there are no new messages stored, the TAD says, "No message."

Before playing each message, the TAD announces the message number and the day and time it was recorded. After all messages play, the TAD says, "End of message(s)" and saves all the messages.

## Repeating Messages

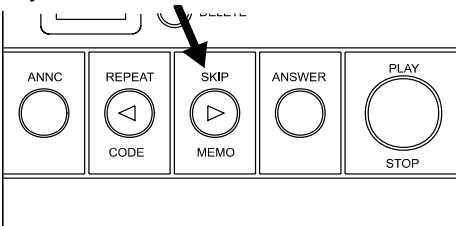
To review a message while you are listening to it, press **REPEAT**. The current message plays from the beginning.

To hear the previous message, press and hold **REPEAT** until that message's number appears. The TAD plays the message.



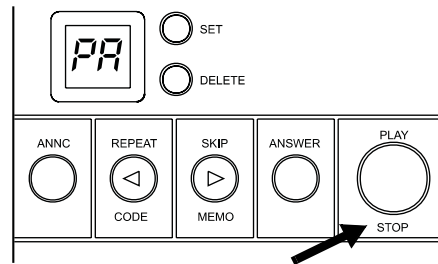
## Skipping Messages

To skip to the next message while you are listening to a message, press **SKIP** once. The next recorded message plays.



## Pausing Message Playback

To pause while listening to messages, press **STOP**. **PA** appears on the display. Wait at least 2 seconds, then press **STOP** again to resume playing messages.



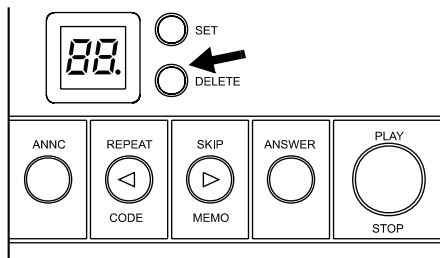
**Note:** If you do not resume playing messages within 60 seconds, the TAD sounds a beep, the total number of messages appears, and the TAD stops playback.

## Stopping Message Playback

To stop playing messages, press **STOP** twice within 2 seconds. The TAD beeps once and stops playback.

## ERASING MESSAGES

To delete a specific message, press **DELETE** once while the message is playing. The TAD beeps once and immediately erases the current message, then plays the next message.



To erase all messages, while playback is stopped, hold down **DELETE**. The TAD sounds a long beep and **00** appears on the display.

**Note:** If you hold down **DELETE** without playing all the new messages first, the TAD announces, "New messages." The TAD does not erase messages that have not been played.

## RECORDING A MEMO

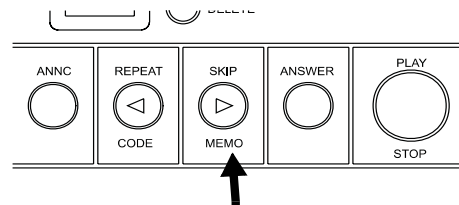
A memo is a message you can record on the TAD without having to call in on the phone.

### Notes:

- The maximum memo length is 60 seconds.
- If the TAD's memory is full (**FL** appears), you must erase some messages before you can record a memo (see "Erasing Messages").

Follow these steps to record a memo.

1. Hold down **MEMO**. The TAD beeps. Speak into the microphone in a normal voice (while still holding down **MEMO**). The display shows how much time is left for recording.



2. Release **MEMO** when you finish the message. The TAD beeps once, and the message display number increases by one.

The memo is recorded along with the incoming messages. To hear the memo, simply play back your 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 at your local RadioShack store) to enter your remote operation security code and do any of the following:

- set the TAD to answer or not answer calls
- listen to your messages
- record a new announcement
- delete messages
- monitor the room where the TAD is located

**Note:** You cannot remotely operate the TAD from another phone on the same line as your TAD-799.

## USING TOLL-SAVER

If the ring select switch is set to **TS** (toll-saver), see "Setting the Number of Rings" on Page 11), the TAD answers after two rings if you have new messages. If there are no new messages, the TAD waits for four rings before answering. This gives you time to hang up before the TAD answers so you can avoid unnecessary long-distance charges.

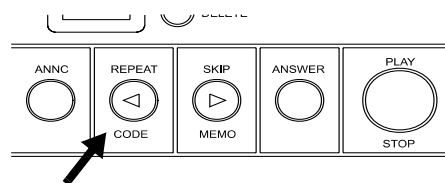
## CHANGING THE REMOTE OPERATION SECURITY CODE

The TAD-799's remote operation security code is preset to 799. Follow these steps to change the code.

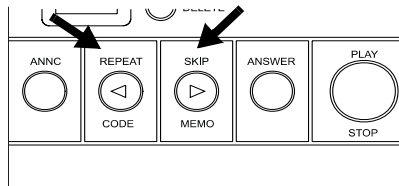
### Notes:

- Be sure to set each digit within 8 seconds. Otherwise, you must start over from Step 1.
- We recommend you not use three identical digits (such as 999) for the security code. Such numbers are too easy for others to guess.
- If AC power fails or if the backup battery becomes weak, the remote operation security code automatically resets to 799.

1. Hold down **CODE** for about 2 seconds. The TAD beeps and the first digit of the preset code flashes.



2. Press **SKIP** or **REPEAT** to set the first digit, then press **STOP**. The second digit flashes.



3. Press **SKIP** or **REPEAT** to set the second digit, then press **STOP**. The third digit flashes.
4. Press **SKIP** or **REPEAT** to set the third digit, then press **STOP**. The TAD beeps once and displays the new security code in sequence.

- If the TAD is set to answer-on, it answers according to the number of rings you set.

2. Within 8 seconds, enter the remote operation security code. The TAD beeps. (If you do not enter the code within 8 seconds, the TAD disconnects.)
3. Press **#**. The TAD beeps and announces, "Answer on." You can hang up at this point or enter other remote commands (see "Notes:" on Page 17).

## REMOTE ANSWER-ON

**Note:** You must record an outgoing message before you can remotely set the TAD to answer calls.

Follow these steps to remotely set the TAD to answer calls.

1. Dial your phone number.
  - If the TAD is set to answer-off, it answers the call after 60 seconds and announces, "Answer off."



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## USING REMOTE COMMANDS

Follow these steps to operate the TAD from a touch-tone phone or a pulse (rotary) phone with a pocket tone dialer.

1. Dial your phone number.
2. When the TAD answers, enter your remote operation security code. The TAD beeps once to confirm that you entered the correct code.

**Notes:**

- If you do not enter each digit of the security code within 8 seconds, the TAD hangs up.
  - Even if the TAD is not set to answer calls, it will answer after about 60 seconds.
3. Enter a remote command (see "Remote Commands" on Page 18).
  4. When you finish, simply hang up.

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## REMOTE COMMANDS

After you press **4** or **5** to play messages, you can:

| Press:   | To:  |
|----------|--|
| <b>0</b> | Stop playback, recording, and room monitoring.                                 |
| <b>1</b> | Play the outgoing message.   |
| <b>2</b> | Record a new outgoing message.   |
| <b>3</b> | Monitor the room where the TAD is located for 30 seconds.                      |
| <b>4</b> | Play all messages.   |
| <b>5</b> | Play only new messages.  |
| <b>6</b> | Delete messages. (The TAD will not delete messages that have not been played.) |
| <b>#</b> | Set the TAD to answer or not answer calls.                                     |

| Press:   | To:                               |
|----------|-----------------------------------|
| <b>6</b> | Delete the current message.       |
| <b>7</b> | Replay the previous message.      |
| <b>8</b> | Replay the current message.       |
| <b>9</b> | Skip forward to the next message. |
| <b>0</b> | Stop message play.                |

## **TROUBLESHOOTING**

We do not expect you to have any problems with your TAD-799, but if you do, the following suggestions might help.

| <b>Problem</b>  | <b>Suggestion</b>   |
|---|---|
| The incoming message is incomplete.                             | Be sure the TAD's memory is not full.   |
|   | The message was longer than 60 seconds.   |
|   | The caller was silent for more than 8 seconds.  |
| Lo flashes on the message counter.                              | The backup battery is weak. Replace the battery (see "Installing a Backup Battery" on Page 6).  |
| TAD does not answer calls.                                      | Make sure the TAD is set to answer calls.   |
|   | Check all phone line connections.   |
|   | Make sure the AC adapter is properly connected.   |
| TAD does not record callers' messages.                          | Memory may be full ( <b>FL</b> appears). Delete some of your messages.  |
| No messages appear on the message counter.                      | This could be caused by a power failure. Reset the TAD by removing the AC adapter and the battery from the TAD, then reconnect the adapter and reinstall the battery.             |
| The TAD does not respond to the remote operation security code. | Make sure the phone you used to dial the TAD is a touch-tone phone. (If it is not, you can use a pocket tone dialer to enter the code and commands.)                              |
|   | Make sure the remote operation security code you entered is correct. Try entering the default code of 799. The TAD may have reset to the default code because of a power failure. |
|   | Re-enter your security code, pressing each button for 2 seconds.  |

## CARE AND MAINTENANCE

Your RadioShack TAD-799 is an example of superior design and craftsmanship. The following suggestions will help you care for your TAD so you can enjoy it for years.



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



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



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



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



Use only fresh batteries of the required size and recommended type. Batteries can leak chemicals that damage your TAD's electronic parts.



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

Modifying or tampering with the TAD's internal components can cause a malfunction and might invalidate its warranty. If your TAD 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 TAD until you have resolved the problem.)



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## THE FCC WANTS YOU TO KNOW

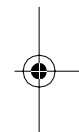
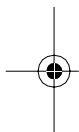
In the unlikely event that your TAD causes problems on the telephone line, the telephone company attempts to notify you in advance. If advance notice is not practical, the telephone company notifies you as soon as possible and advises you of your right to file a complaint with the FCC.

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

## LIGHTNING

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

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

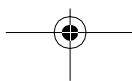




# NOTES

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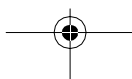
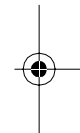
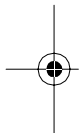




# NOTES

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### Limited One-Year Warranty

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