



## 125-Minute Digital Recorder



**Owner's Manual**  
Please read before using this equipment.

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**□ *The FCC Wants  
You to Know***

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the *FCC Rules*. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television

reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Consult your local RadioShack store or an experienced radio/TV technician for help.
- If you cannot eliminate the interference, the FCC requires that you stop using your recorder.

Changes or modifications not expressly approved by RadioShack may cause in-

terference and void the user's authority to operate the equipment.

This device complies with Part 15 of the *FCC Rules*. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

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## **Features**

Your RadioShack 125-Minute Digital Recorder is ideal for quick note-taking. its light weight and compact size makes it easy to slip into a pocket, briefcase, or purse. You can use it at school, business conferences, for dictation, or anywhere on the go.

**125-Minute (LP), 76-Minute (EP), 57-Minute (SP)** — Lets you record and store messages in three recording modes: Long Play, Extended Play, and Standard Play.

**4MB Memory** — Four megabytes of memory

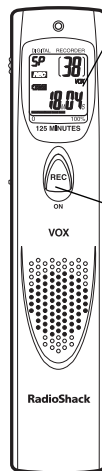
**99 Messages in One Folder** — Save up to 99 messages.

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## **□ A Quick Look at Your Recorder**

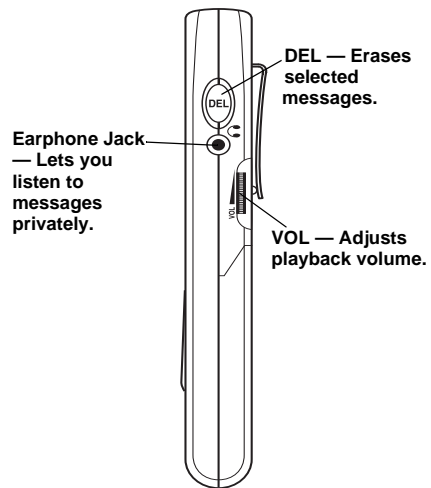
**VOX** — Voice activated recording stops recording a few seconds after the sound stops, and resumes recording when it picks up sound.

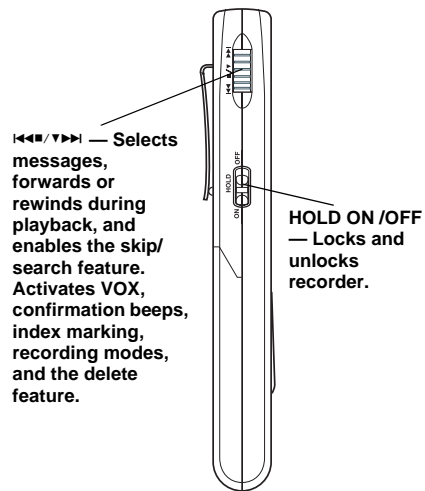


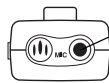
**Display** — Shows recording mode and status, index number, and playback information.

**REC/ON** — Turns the recorder on or starts recording a message.









**External Microphone Jack**  
— Lets you use an external  
microphone to extend  
recording range.

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## **□ Preparation**



### **INSTALLING BATTERIES**

Your recorder requires two AAA batteries (not supplied) for power. For the best performance and longest life, we recommend RadioShack alkaline batteries.

**Cautions:**

- Use only fresh batteries of the required size and recommended type.

- Do not mix old and new batteries, different types of batteries (standard, alkaline, or rechargeable), or rechargeable batteries of different capacities.
1. Slide the battery compartment cover on the back of the recorder in the direction of the arrow.
  2. Place the batteries in the compartment according to the polarity symbols (+ and -) marked inside the compartment.
  3. Slide the cover back on until it clicks into place.

The battery icon () indicates the current status of the batteries. When  flashes, the sound becomes weak or distorted, or the recorder stops operating

properly, replace the batteries immediately.

**Warning:** Dispose of old batteries promptly and properly. Do not burn or bury them.

**Caution:** If you do not plan to use the recorder for a week or longer, remove the batteries. Batteries can leak chemicals that can destroy electronic parts.

## CONNECTING EARPHONES

You can use an optional mono earphone with a 1/8-inch (3.5 mm) mini-plug to listen to your recording in private. Your local RadioShack store carries a wide selection of earphones.

Insert the earphone's plug into the earphone jack (Ⓜ) on the side of the

recorder. The built-in speaker automatically disconnects.

### **Listening Safely**

To protect your hearing, follow these guidelines when you use earphones.

- Set the volume to the lowest setting before you begin listening. After you begin listening, adjust the volume to a comfortable level.
- Do not listen at extremely high volume levels. Extended high-volume listening can lead to permanent hearing loss.
- Once you set the volume, do not increase it. Over time, your ears adapt to the volume level, so a volume level that does not cause dis-

comfort might still damage your hearing.

### **Traffic Safety**

Do not wear earphones while operating a motor vehicle or riding a bicycle. This can create a traffic hazard and could be illegal in some areas.

Even though some earphones let you hear some outside sounds when listening at normal volume levels, they still can present a traffic hazard.

## **CONNECTING AN EXTERNAL MICROPHONE**

You can use an optional microphone with a  $\frac{1}{8}$ -inch (3.5mm) plug to extend the recording range. Your local RadioShack store carries a wide selection of microphone.

Insert the microphone's plug into the recorder's **MIC** jack. The built-in microphone automatically disconnects.




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## □ **Operation**

### **TURNING ON THE RECORDER**

Press **REC/ON**. **On** appears.

**Note:** **HOLD** must be set to **OFF** to turn on the recorder. If **HOLD** is set to **ON** and you press **REC/ON**,  and **HOLD** appear and the recorder stays off. To turn the recorder on, slide **HOLD** to **OFF** and try again.


The display shows information about the status of the recorder. When the recorder is on:


- The selected recording mode (**SP**, **EP** or **LP**) appears in the top left corner.

- The two-digit index number of the message appears in the top right corner.
- The battery status appears below the record mode.
- The duration of the selected message appears near the bottom of the display. **m** represents minutes and **s** represents seconds.
- The bar at the very bottom of the display shows the available memory on a scale of 0–100%.

**Note:** To conserve battery power, the recorder switches itself off automatically if you do not press a button for about two minutes.

## **LOCKING THE RECORDER'S CONTROLS**

The recorder's controls can be locked so its settings are not accidentally changed. To lock the recorder's controls, slide **HOLD** to **ON**.  appears. You cannot record or play back messages.

To unlock the recorder's controls, slide **HOLD** to **OFF**.  disappears.

## **SETTING RECORDING MODE**

You can record up to 99 messages with up to 125 minutes of recording time. The recorder's default recording setting is the SP mode (about 57 minutes of recording time).

**Notes:**

- If you do not press a button for more than two seconds, the normal display returns.
  - Make sure the recorder is not recording or playing back messages when you set the recording mode.
1. Hold down **◀◀ ■/▼ ▶▶** for about two seconds. **REMAIN** appears.
  2. Press **◀◀ ■/▼ ▶▶**, then rotate it up until **SP**, **LP** or **EP** flashes.
  3. Press **◀◀ ■/▼ ▶▶** while the desired mode flashes to select the mode.

## SETTING VOICE ACTIVATION

**Note:** If you do not press a key for more than two seconds, the normal display returns.

1. Hold down **◀◀ ■/▼ ▶▶** for about two seconds.
2. Rotate **◀◀ ■/▼ ▶▶** to **◀◀** until **VOX** and either **ON** or **OFF** appears, indicating VOX is on or off.
3. Press **◀◀ ■/▼ ▶▶**. **ON** or **OFF** flashes.
4. Rotate **◀◀ ■/▼ ▶▶** up or down until the desired setting appears.
5. Press **◀◀ ■/▼ ▶▶** when the desired setting appears. **VOX** appears if VOX is activated.

**Note:** If the recorder does not detect sounds for a few seconds during recording, the recorder stops recording and **VOL** flashes.

## **TURNING THE KEYTONE ON AND OFF**

### **Notes:**

- If you do not press a key for more than two seconds, the normal display returns.
- When the keytone is turned on, a confirmation beep sounds whenever you press a button. Rotate **VOL** up or down to increase or decrease the beep sound level.

1. Hold down **◀◀ ■/▼ ▶▶** for about two seconds.

2. Rotate **◀◀ ■/▼ ▶▶** to **▶▶** until **BEEP** and either **ON** or **OFF** appears.
3. Press **◀◀ ■/▼ ▶▶**. Either **OFF** or **ON** flashes.
4. Rotate **◀◀ ■/▼ ▶▶** up or down until the desired setting appears.
5. Press **◀◀ ■/▼ ▶▶** when the desired setting appears. **BEEP** appears on the display if the keytone is activated.

## RECORDING

To record, you can use either the internal microphone or you can plug an external microphone in to the **MIC** jack on the top of the recorder.

**Note:** For best results, keep a distance of min. 3<sup>15</sup>/<sub>16</sub>-in (10 cm) to max. 11<sup>13</sup>/<sub>16</sub>-in

(30 cm) between the microphone (internal or external) and the sound source.

With the recorder on, press **REC/ON**. **REC** appears. The indicator lights red and recording begins. The display shows the recording mode, the current message index number, and the elapsed recording time.

To stop recording, press **REC/ON** again.

When 99 messages are stored or 125 minutes of recording time have been used, **FULL** appears when you press **REC/ON** and you cannot until you erase some messages. See "Erasing Messages" on Page 28.



## MARKING AN INDEX DURING RECORDING

You can mark an index for each message when you are recording. Then you can play back the message from the location of the index, instead of having to listen from the beginning.

1. Press **⏪ ▣/▼ ⏩** once while recording. **INDEX** and the next message index number appears. The recorder resumes recording.
2. Press **REC/ON** to stop recording.

## PLAYING BACK MESSAGES

1. Rotate **⏪ ▣/▼ ⏩** to **⏪** or **⏩** to scroll through the messages until the desired message index number appears.

2. Press ◀◀ ■/▼ ▶▶ once to start playback. The indicator above the display lights green.
3. Rotate **VOL** up or down (**0–10**) to increase or decrease the sound level.
4. To pause playback, press ◀◀ ■/▼ ▶▶. The indicator turns off. To resume playback, press ◀◀ ■/▼ ▶▶ again. The indicator lights green.
5. To stop playback, press ◀◀ ■/▼ ▶▶ again.

**Note:** The recorder automatically stops at the end of each message. To stop playback sooner, press ◀◀ ■/▼ ▶▶.

## **FAST-FORWARDING/ REWINDING**

1. Rotate **◀◀ ■/▼ ▶▶** until the desired message index number appears.
2. Press **◀◀ ■/▼ ▶▶** to listen to the message.
3. Rotate or hold down **◀◀ ■/▼ ▶▶** to **▶▶** to fast-forward or to **◀◀** to rewind.
4. When the recorder reaches the end of a message while fast-forwarding, the recorder continues forwarding. When the recorder reaches the beginning of a message while rewinding, the recorder stops rewinding.

## USING FORWARD SKIP/ REVERSE SKIP

1. To skip backward to a message rotate or hold ◀◀ ■/▼ ▶▶ to ▶▶ until the desired message index number appears.
2. To skip forward to a message rotate or hold ◀◀ ■/▼ ▶▶ to ◀◀ until the desired message index number appears.
3. Release ◀◀ ■/▼ ▶▶ to stop skipping.

## ERASING MESSAGES

**Note:** If you do not press a key for more than two seconds, the normal display returns and the message is not erased.

1. Select the message to delete by rotating **◀◀ ■/▼ ▶▶**.
2. Press **DEL**.

The two-digit index number flashes. Press **DEL** again. **ERASE** appears and the saved messages are renumbered.

To delete all messages, hold down **DEL** and rotate **◀◀ ■/▼ ▶▶** up or down until **ALL** flashes. Press **DEL** again. **ERASE** appears.

To cancel erasing, press **REC/ON** within about two seconds after **DEL** is pressed. The recorder returns to normal display.

## **RESETTING THE RECORDER**

If your recorder is exposed to a strong static electrical charge, the recorder might lock up or the display might dim. If this happens, use a pointed object, such as the tip of a pencil or the end of a pen, to press **RESET** on the back of the recorder. All settings return to the preset values.

**Note:** Resetting the recorder does not erase any stored messages.

## REFORMATTING THE RECORDER

**Important:** Reformatting the recorder erases all messages stored in the recorder.

After a prolonged period of use, you might not be able to use all of your recorder's recording time. In that case, to reformat the recorder:

1. Hold down **DEL** and press **RESET** until **REMAIN ALL** appears.
2. Release **DEL**. The memory initializes for about 45 seconds.

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## **Care**

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

Modifying or tampering with the recorder's internal components can cause a malfunction and might invalidate its warranty. If your recorder is not performing as it should, take it to your local RadioShack store for assistance.



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## **Specifications**

Recording Medium ..... Built-in Flash Memory

Available Recording Time:

SP Mode ..... About 57 min.

EP Mode ..... About 76 min.

LP Mode ..... About 125 min.

Max. Number of Recordings ..... 99 messages

Speaker .....  $1\frac{3}{16}$ -inch (20 mm) diameter  
dynamic internal speaker

Microphone ..... built-in, condenser type

Output Power ..... 80 mW (at 10% THD)

Frequency Range ..... 350–3600 Hz @ –6dB

Earphone Jack .....  $\frac{1}{8}$ -inch (3.5 mm)

Impedance ..... 30 ohm

Microphone Jack .....  $\frac{1}{8}$ -inch (3.5mm)  
mono type

Power Requirement ..... Two AAA Batteries  
Battery Life ..... About 10 hours' recording  
About 6 hours' speaker playback time (at  
volume 5)  
Dimensions .....  $4\frac{7}{8} \times 1 \times \frac{5}{8}$ -inch  
(124 × 25 × 15.5 mm)  
Weight ... 1.2 oz (34.3 g) (excluding batteries)  
2 oz (56.5 g) (including batteries)

### **Limited Ninety-Day Warranty**

This product is warranted by RadioShack against manufacturing defects in material and workmanship under normal use for ninety (90) days from the date of purchase from RadioShack company-owned stores and authorized RadioShack franchisees and dealers. EXCEPT AS PROVIDED HEREIN, RadioShack MAKES NO EXPRESS WARRANTIES AND ANY IMPLIED WARRANTIES, INCLUDING THOSE OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE LIMITED IN DURATION TO THE DURATION OF THE WRITTEN LIMITED WARRANTIES CONTAINED HEREIN. EXCEPT AS PROVIDED HEREIN, RadioShack SHALL HAVE NO LIABILITY OR RESPONSIBILITY TO CUSTOMER OR ANY OTHER PERSON OR ENTITY WITH RESPECT TO ANY LIABILITY, LOSS OR DAMAGE CAUSED DIRECTLY OR INDIRECTLY BY USE OR PERFORMANCE OF THE PRODUCT OR ARISING OUT OF ANY BREACH OF THIS WARRANTY, INCLUDING, BUT NOT LIMITED TO, ANY DAMAGES RESULTING FROM INCONVENIENCE, LOSS OF TIME, DATA, PROPERTY, REVENUE, OR PROFIT OR ANY INDIRECT, SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES, EVEN IF RadioShack HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

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

*(Continued)*

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

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

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

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*We Service What We Sell*

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