ⓡ RadioShack®
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Digital Voice Recorder
with Pouch

Slide to **LOCK** to lock the control buttons.

1. Slide the battery door latch to the left.

2. Slide down the battery door to remove it.

Press **RESET** to return all settings to default values.

3. Place two AAA batteries over the ribbon and into the battery compartment according to the polarity symbols (+ and –) marked inside. Replace the battery door cover and slide the lock to the right

Press **REC/STOP** to start or stop recording.

Press **MODE/INDEX** to select the operation mode or to mark an index during recording or a section for repeating during playback.

Press 🗑 once to erase one message or hold down to erase all messages

Press ◀◀ ■▶ ▶▶ to start or stop playback or press ◀◀ ■▶ ▶▶ to locate a message/index by skipping forward or backward.

Press **SET/DISP** to select information to be shown or enter various settings.

Press **VOL+/VOL–** to adjust the volume

MIC Jack — lets you connect an optional dynamic microphone with a $1/8$-inch (3.5mm) plug to extend the recording range. The built-in microphone automatically disconnects.

EAR Jack — lets you connect an optional mono earphone with a $1/8$-inch (3.5mm) mini plug. The built-in speaker disconnects automatically

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☠ CAUTION ☠

• 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.

• 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.

⚠ WARNING ⚠
Dispose of old batteries promptly and properly. Do not burn or bury them.

☑ NOTE ☑

• You need to reset the clock time after replacing the batteries, and also reset the alarm time if needed. See "Setting the Clock" on Page 1 and "Setting the Alarm" on Page 2.

• **LOCK** must be set to inactive to set clock and alarm in clock mode. If **LOCK** is set to active and you press a button, and **LOCK** flashes. Slide **LOCK** in the opposite to the direction of the arrow and try again. See "Locking the Recorder's Controls".

• If you do not press a button for more than 30 seconds, the time display returns.

• In clock mode, toggle press **SET/DISP** to view the year and the date.

Thank you for purchasing a RadioShack Digital Voice Recorder. Your Digital Recorder is ideal for quick note-taking. Its light weight and compact size makes it easy to put into a pocket, briefcase, or purse. You can use it at school, at business conferences, for dictation in the office, or anywhere on the go.

Your digital recorder allows you to record up to 198 messages with a total duration of 90 minutes and organize them into 2 separate folders. The messages remain intact even when the batteries are removed.

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

☷ indicates the current status of the batteries. When ▭ flashes, or **BATT** appears, the sound becomes weak or distorted, or the recorder stops operating properly, replace the batteries. ⚠

OPERATION

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 **LOCK** on the back of the recorder in the direction of the arrow. **LOCK** appears. **LOCK** flashes briefly if you press a button.

To unlock the recorder's controls, slide **LOCK** in the opposite direction of the arrow. **LOCK** disappears.

SETTING THE CLOCK

There are two operating modes: clock mode and recorder mode. Clock mode is automatically selected upon reset and when the recorder is left idle for 30 seconds. ☑

1. With the time displayed, press and hold **SET/DISP** for about two seconds. The hour digits flash.

2. Repeatedly press or hold down **VOL+/VOL–** to adjust the hour. **PM** appears to indicate a PM hour.

! IMPORTANT !
If an icon appears at the end of a paragraph, go to the box on that page with the corresponding icon for pertinent information.

⚠ — Warning   ! — Important   ☑ — Note   ☠ — Caution

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 discomfort 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.

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.

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

3. Press **SET/DISP**. The minute digits flash.

4. Repeatedly press or hold down **VOL+/VOL–** to adjust the minute.

5. Press **SET/DISP**. The year flashes.

6. Repeatedly press or hold down **VOL+/VOL–** to adjust the year.

7. Press **SET/DISP**. The month flashes.

8. Repeatedly press or hold down **VOL+/VOL–** to adjust the month.

9. Press **SET/DISP**. The day flashes.

10. Repeatedly press or hold down **VOL+/VOL–** to adjust the day.

11. Press **SET/DISP** to resume normal operation.

SETTING THE ALARM

You can set an alarm to sound every day at a preset time. ✓

1. Press **MODE/INDEX** in clock mode to display the alarm time. **ALARM** appears.

2. Press and hold **SET/DISP** in alarm clock mode for about two seconds. The hour digits flash.

3. Repeatedly press or hold down **VOL+/VOL–** to enter the hour. **PM** appears to indicate a PM hour.

4. Press **SET/DISP**. The minute digits flash.

5. Repeatedly press or hold down **VOL+/VOL–** to enter the minute.

6. Press **SET/DISP** to store the setting. ▶ appears . When you set the alarm time, the alarm automatically turns on.

TURNING ALARM ON/OFF

1. Press **MODE/INDEX** in clock mode to display the alarm time. **ALARM** appears. ✓

2. Repeatedly press **VOL+/VOL–** to turn alarm on or off. ▶ appears when the alarm is turned on.

At the set alarm time, the alarm sounds for about 30 seconds and ▶ flashes. To silence the alarm sooner, press any button.

RECORDER MODE OPERATIONS

The recorder is preset to the clock mode when you install the batteries. To turn on the recorder mode, press **REC/STOP** or ◀◀ ▶▮ ▶▶ . If you press **REC/STOP** to enter the recorder mode, the recorder starts to record a new message. The selected folder, message information and the status of various settings appear. ✓

You can select a folder, select a recording mode, set the microphone sensitivity, enable

or disable voice-activated recording (VOX), and, set the key tone to on or off at any time. See "Programming the Recorder".

Information about the recorder's status appears when the recorder mode is on.

- The selected recording mode (**SP**, **EP** or **LP**) appears.

- The selected folder, Ⓐ or Ⓑ, appears.

- The two-digit index number of the message and the total number of the messages appear in the top of display. (**01/06** indicates messages one of six, with 1 being the current message number and 6 being the total number of the messages.)

- The battery status appears.

- The duration of the selected message appears near the bottom of the display. **H** represents hours and **M** represents minutes.

To conserve battery power, the recorder returns to time mode automatically if you do not press a button (when the recorder stops) for about 30 seconds. To return to time mode sooner, press **MODE/INDEX**.

PROGRAMMING THE RECORDER

There are 5 options you can set: the active folder, recording mode, MIC sensitivity, voice activated recording (VOX) on/off, and button press confirmation tone on/off. ✓

1. In recorder mode, hold down **SET/DISP** until **FILE** appears and either Ⓐ or Ⓑ flashes. Up to 99 messages are available in each folder.

2. Repeatedly press **VOL+/VOL–** to select the active folder Ⓐ or Ⓑ.

3. Press **SET/DISP** when the desired folder flashes to confirm it. **MODE** appears and either **SP**, **EP** or **LP** flashes.

4. Repeatedly press **VOL+/VOL–** to set the recording mode (**SP**, **EP** or **LP**). Recording time and quality differs in each mode.

   - Up to 51 minutes in **SP** (standard play) mode may be recorded.

   - Up to 68 minutes in **EP** (extended play) mode may be recorded.

   - Up to 90 minutes in **LP** (long play) mode may be recorded.

5. Press **SET/DISP** when the desired recording mode flashes to confirm it. **MIC** appears and either **Auto**, **Hi** or **Lo** flashes.

6. Repeatedly press **VOL+/VOL–** to set microphone sensitivity (**Auto**, **Hi** or **Lo**). When **Auto** (automatic) is selected, the sensitivity of the microphone adjusts automatically. Although we recommend

setting MIC sensitivity to **Auto**, we also recommend setting the MIC to **Hi** (high) for conference recording, while we recommend a setting of **Lo** (low) for dictation recording.

7. Press **SET/DISP** when the desired microphone sensitivity flashes to confirm it. **VOX** appears and either **On** or **OFF** flashes.

8. Repeatedly press **VOL+/VOL−** to turn VOX on or off.

9. Press **SET/DISP** when the desired setting flashes to confirm it. **BEEP** appears and either **On** or **OFF** flashes.

10. Repeatedly press **VOL+/VOL−** to turn the button confirmation tone on or off.

11. Press **SET/DISP** to confirm the setting and resume normal operation.

RECORDING

Voice Activated

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

For the best results, place the recorder 5 in. to 3.3 ft (13 cm to 1 m) from the audio source. To find the optimum distance between the recording source and the recorder, experiment with various distances. 🖎

If you enabled voice-activated recording, **VOX** appears and recording begins whenever the recorder detects sound. **REC** and **VOX** flash. 🖎

Manual

1. Select a folder (See "Programming the Recorder") and press **REC/STOP** to start recording. The current date and time appear briefly and are recorded as the date and time stamp for the current message.

   REC flashes and the current message number and elapsed recording time appear.

2. To view the available recording time left in the folder, hold down **SET/DISP**. **REMAIN** appears and the remaining recording time appears. Release **SET/DISP** to resume normal recording.

3. Press **REC/STOP** again to stop manual recording.

MARKING AN INDEX DURING RECORDING

Indexes may be added to the recorded messages so that you can search and listen to specific sections of a message easily. Up to a total of 99 indexes may be marked in messages in the same folder.

To mark an index, press **MODE/INDEX** when a message is being recorded. **INDEX**, the index number and the total number of indexes in the message appear briefly. (**01/ 05** indicates index one of five, with 1 being the current index number and 5 being the total number of the indexes.) 🖎

PLAYING BACK MESSAGES

When the recorder is in recorder mode:

1. Rotate ◀◀ ■▶ ▶▶ up or down to scroll through the messages until the desired number appears. Various information of the message will be shown and updated automatically.

2. Press ◀◀ ■▶ ▶▶ to start playback. ▶ flashes. The date and the time stamp appear briefly.

3. Press **VOL+/VOL−** to increase or decrease playback volume. The playback volume setting appears briefly.

4. To view a messages remaining playback time, hold down **SET/DISP** during playback. **REMAIN** and the remaining time appear. Release **SET/DISP** to resume normal playback.

5. To pause playback, press ◀◀ ■▶ ▶▶. To resume press ◀◀ ■▶ ▶▶ again.

6. The recorder automatically stops at the end of each message. To stop playback sooner, press ◀◀ ■▶ ▶▶.

FAST-FORWARDING/ REWINDING

1. Repeatedly rotate ◀◀ ■▶ ▶▶ up or down until the desired message number appears.

2. Press ◀◀ ■▶ ▶▶ to listen to the message.

3. Rotate or hold down ◀◀ ■▶ ▶▶ up or down to rewind or fast-forward.

4. When the recorder reaches the end of a message while fast-forwarding, the recorder stops.

   When the recorder reaches the beginning of a message while rewinding, the recorder stops.

LOCATING AN INDEX IN A MESSAGE

1. Repeatedly rotate ◀◀ ■▶ ▶▶ up or down until the desired message number appears.

2. Press ◀◀ ■▶ ▶▶ to listen to the message.

Specifications

Recording Medium...................... Built-In Flash Memory
Recording Time ....51 minutes (SP),
                            68 minutes (EP), 90 minutes (LP)
Frequency Range .... 350Hz–2500Hz @ −6 dB
Speaker .... 23mm diameter
Maximum Power 100mW
Earphone Jack .... 3.5mm diameter, 8 ohm
Microphone Jack .. ^{1}/8-inch (3.5mm) diameter, 2 Kohm
Power Requirement .... AAA size 1.5V alkaline
                                                    battery × 2
Battery Life .... about 40 hours continuous recording
                            5 hour continuous playback
Dimensions .... 1^{11}/16 × 4^1/8 × ^{9}/16 inch
                                        (44 × 105 × 15 mm)
Weight .... 1.5 oz (43g) without batteries
Accessories .... Carrying pouch

Specifications are typical; individual units might vary. Specifications are subject to change and improvement without notice.

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 interference 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.

Troubleshooting

- *Nothing happens after pressing a button.*
  Make sure **LOCK** is in the unlocked position and fresh batteries are installed.
- *There is no sound.*
  Make sure the volume is turned up and an earphone is not connected.
- *No sound is recorded with an external microphone.*
  Make sure that the microphone is fully plugged in and that a dynamic microphone is used.
- *The recorder does not record.*
  Make sure that the number of messages in the selected folder is less than 99.
  Make sure that the total length of recorded messages in the selected folder is not full.
- **DOOR** *appears.*
  Make sure that the battery door latch is in the locked position.
- **BATT** *appears.*
  Make sure that fresh batteries are used.

✓ NOTE ✓

Erasing Messages
- If you do not press a key for more than about five seconds, the normal display returns and the message is not erased.
- The saved messages are sequentially renumbered (if message 1 is deleted, message 2 becomes message 1, message 3 becomes message 2 and so forth.

Resetting the Recorder
Resetting the recorder does not erase any messages you stored.

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3. Repeatedly rotate ◀◀ ■▶ ▶▶ up or down to rewind or fast-forward, until **INDEX** and the desired index number appear briefly. The recorder resumes playing back the message from the message's index position.

USING FORWARD SKIP/REVERSE SKIP

1. When the recorder is idle in the recorder mode, *to skip backward to a message*, rotate or hold ◀◀ ■▶ ▶▶ to ▶▶ to go to the previous message until the desired message number appears.

   To skip forward to a message, rotate or hold ◀◀ ■▶ ▶▶ to ◀◀ until the desired message number appears.

2. Release ◀◀ ■▶ ▶▶ to stop skipping.

SECTION REPEAT PLAYBACK

When a message is playing:

1. Press **MODE/INDEX** to mark the start of the section to be repeated. **START** appears briefly.

2. Press **MODE/INDEX** again to mark the end of the section to be repeated. **END** appears briefly. The marked section plays repeatedly. **LOOP** and the message numbers appear alternatively.

3. Press **MODE/INDEX** again to resume normal playback.

INTRO SCAN

Intro scan plays the first 5 seconds of each message in a selected folder.

1. When the recorder stops recording or playing back in recorder mode, select the message to start scanning by repeatedly rotate ◀◀ ■▶ ▶▶ to ▶▶ or ◀◀ .

2. Press and hold down ◀◀ ■▶ ▶▶ until **INTRO** and message numbers appear alternatively. The recorder plays the first 5 seconds of each message, from the current message to the last message.

3. The recorder automatically stops after scanning the last message in the selected folder. To stop scanning sooner, press ◀◀ ■▶ ▶▶ .

ERASING MESSAGES

You can erase an individual message or all the messages in a folder. ✓

ERASING A SINGLE MESSAGE

1. In recorder mode, select the folder containing the message you want to erase.

2. Repeatedly rotate ◀◀ ■▶ ▶▶ to ▶▶ or ◀◀ to scroll through the messages until the number of the message you want to erase appears.

3. Press 🗑. **ERASE** and the message number appear alternately.

4. Press 🗑 again to erase the message. ✓

ERASING ALL MESSAGES IN A FOLDER

1. In recorder mode, select the folder containing the messages you want to erase.

2. Hold down 🗑 for about 3 seconds, **ERASE** and **ALL** flash.

3. Press 🗑 again to erase all the messages in the folder you selected.

RESETTING THE RECORDER

If your recorder is exposed to a strong static electrical charge, the recorder might lock up or the display might dim. This rarely happens, but if it does, use a blunt pointed object, such as the tip of a pencil or a straightened paper clip, to reset the recorder by pressing **RESET** on the back of the recorder. All settings return to the preset values. You need to reset the date and the time . ✓

REFORMATTING THE RECORDER

After a prolonged period of use, you might not be able to use all of your recorder's recording time. If this happens, reformat the recorder by holding down 🗑, and then pressing **RESET** by using a blunt pointed object. Then release 🗑. All settings return to the preset values, and all messages are deleted. You may reset the date and the time if needed.