

Digital Recorder with Digital PC Link

OWNER'S MANUAL —
Please read before using this equipment.

14-1189

PC Connectivity — lets you transfer recorded messages to and from a PC to store them or send them to your friends.

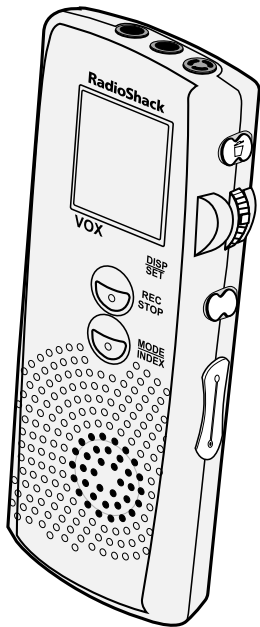
Voice Activated Recording (VOX) — lets you set the recorder to automatically record when it picks up sound and stop after a few seconds of silence.

Three Recording Modes — lets you select from Long Play (LP), Extended Play (EP), and Standard Play (SP).

Flash Memory — digital recording means no tapes to load or break.

Included Accessories

- Voice Recorder Link Software (CD-ROM)
- Carrying pouch
- USB cable



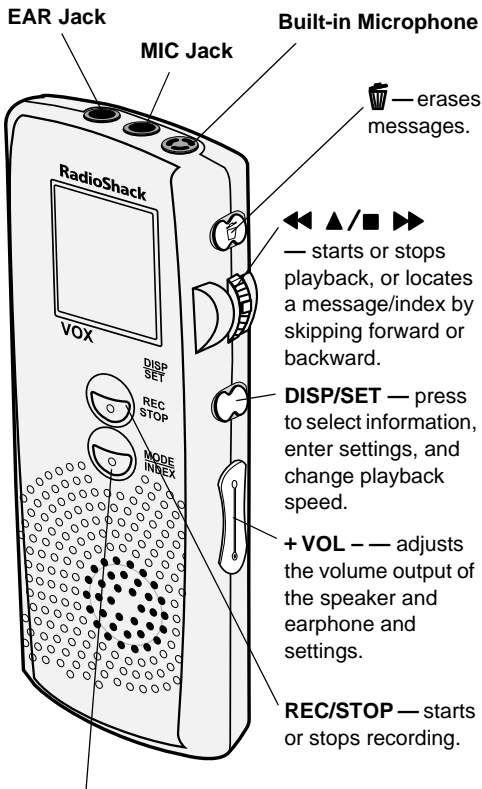
! IMPORTANT !

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 — Caution — Hint — Note

Thank you for purchasing a RadioShack Digital Voice Recorder. Your recorder is not only easy to use, it is also so small that you can take it anywhere to record voice memos, conversions, and discussions.

Your recorder allows you to record up to 396 messages with a total duration of 234 minutes, and organizes them into 4 separate folders. The messages remain intact even when the batteries are removed because of the non-volatile memory employed.

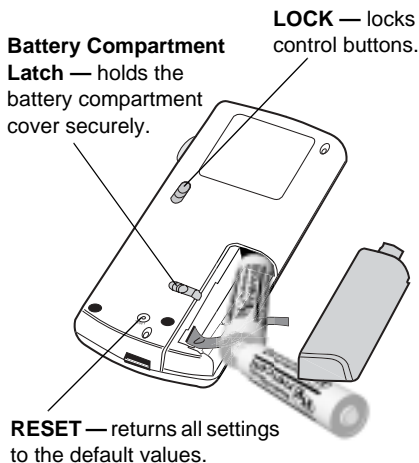


MODE/INDEX — press to select the operation mode, mark an index during recording, or mark a section to repeat during playback.

INSTALLING/REPLACING BATTERIES

Your Digital Recorder requires two AAA batteries for power (not supplied, available at your local RadioShack or online at www.radioshack.com).

1. Slide the battery compartment latch to the left and hold it while you slide the battery compartment cover off.



2. Insert two AAA batteries (not supplied, available from RadioShack) on top of the ribbon according to the polarity symbols (+ and -) marked inside.

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**WARNING**

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






**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.

**NOTE**

After replacing the batteries, or sliding the latch to the locked position, reset the clock and alarm time if need. See "Setting the Clock" on Page 6 and "Setting the Alarm" on Page 7.

3. Replace the battery compartment cover and slide the latch to the right to secure the cover.

The battery icon  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.   

CONNECTING EARPHONES

You can use a mono earphone (not supplied, available at RadioShack) with a 1/8-inch (3.5 mm) mini-plug to listen to your recording in private.

Insert the earphone's plug into the **EAR** jack on the top side of the recorder. The built-in speaker disconnects automatically.

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.

CONNECTING AN EXTERNAL MICROPHONE

You can use a dynamic microphone with a 1/8-inch (3.5mm) plug (not supplied, available at RadioShack) to extend the recording range.

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

**NOTE**

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

Set HOUR**Set MINUTE****Set YEAR**

SETTING THE CLOCK

Your recorder has two operating modes: clock mode and recorder mode. Clock mode is automatically selected when the recorder is left idle for 30 seconds, or when you reset the recorder.

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

1. Make sure the controls are unlocked.
2. While the clock appears, press and hold **DISP/SET** for about two seconds. The hour digits flash.
3. Repeatedly press or hold down **+ VOL -** to adjust the hour. **PM** appears to indicate a PM hour.
4. Press **DISP/SET**. The minute digits flash.
5. Repeatedly press or hold down **+ VOL -** to adjust the minute.
6. Press **DISP/SET**. The year flashes.
7. Repeatedly press or hold down **+ VOL -** to adjust the year.

8. Press **DISP/SET**. The month flashes.
9. Repeatedly press or hold down + **VOL -** to adjust the month.
10. Press **DISP/SET**. The day flashes.
11. Repeatedly press or hold down + **VOL -** to adjust the day.
12. Press **DISP/SET** to save your settings and resume normal operation.

Set MONTH

Set DAY

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 **DISP/SET** in alarm clock mode for about two seconds. The hour digits flash.
3. Repeatedly press or hold down + **VOL -** to enter the hour. **PM** appears to indicate a PM hour.
4. Press **DISP/SET**. The minute digits flash.


Set HOUR

Set AM/PM


Set MINUTES










NOTE

- You cannot program the recorder while recording or playing back messages.
- If you do not press a button for more than 30 seconds, the time display returns.
- **SP** (Standard Play) — up to 126 min.
- **EP** (Extended Play) — up to 164 min.
- **LP** (Long Play) — up to 234 min.

5. Repeatedly press or hold down **+ 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.

PROGRAMMING THE RECORDER

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 (see “Recorder Mode Operations” on Page 11), hold down **DISP/SET** until **FILE** appears and either , , , or  flashes. Up to 99 messages are available in each folder.
2. Repeatedly press **+ VOL -** to select a folder (, , , or ).
3. Press **DISP/SET** when the desired folder flashes to confirm it. **MODE** appears and either **SP**, **EP** or **LP** flashes. 
4. Repeatedly press **+ VOL -** to set the recording mode (**SP**, **EP**, or **LP**).

Recording time and quality differs in each mode.

5. Press **DISP/SET** when the desired recording mode flashes to confirm it. **MIC** appears and either **Auto**, **Hi** or **Lo** flashes.
6. Repeatedly press **+ VOL –** to set microphone sensitivity (**Auto**, **Hi** or **Lo**). ✓
7. Press **DISP/SET** when the desired microphone sensitivity flashes to confirm it. **VOX** appears and either **On** or **OFF** flashes.
8. Repeatedly press **+ VOL –** to turn **VOX** on or off.
9. Press **DISP/SET** when the desired setting flashes to confirm it. **BEEP** (button press confirmation tone) appears and either **On** or **OFF** flashes.
10. Repeatedly press **+ VOL –** to turn **BEEP** on or off.
11. Press **DISP/SET** to confirm the setting and resume normal operation.

✓ **NOTE** ✓

- **Auto** (automatic) — microphone sensitivity is adjusted automatically.
- **Hi** (high) — for conference recording.
- **Lo** (low) — for dictation.


LOCKING/UNLOCKING 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 when you press a button.



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

TURNING THE ALARM ON/OFF

1. Press **MODE/INDEX** in clock mode to show the alarm time. **ALARM** appears.
2. Repeatedly press **+ VOL -** to turn alarm on or off.  appears when alarm is turned on.

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

NOTE

If the recorder is in Recorder mode at preset alarm time, the alarm does not sound even when alarm is set to on.  flashes for about 30 seconds. To stop  from flashing, press any button.

RECORDER MODE OPERATIONS

When you install the batteries, the recorder is automatically set to clock mode.

1. 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.

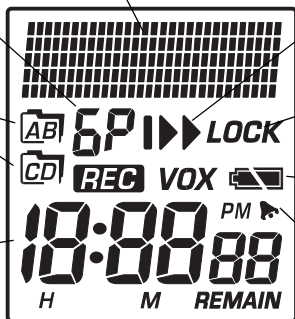
Information about the status of the recorder appears.

The two-digit index number of the message and the total number of the messages appear in the top of display. (01/05 indicates message one of five.)

SP, EP, or LP — the selected recording mode appears.

A, **B**, **C**, or **D** — the selected folder appears.

Message Time Remaining



Play Status

LOCK On/Off

Battery Status

Alarm

**NOTE**

If the recorder does not detect sound for about 2 seconds during recording, the recorder stops, and **REC** and **VOX** stop flashing.

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


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.

For best results, place the recorder between 5 inches and 3.3 feet (13 cm to 1 m) from the audio source.

Experiment with various distances to find the optimum distance between the recording source and the recorder.

If **MIC** is set to **Lo**, the optimal recording distance is about 5 inches (13cm). If **MIC** is set to **Hi**, the optimal recording distance is about 3.3 feet (1m).


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

Recording Manually

1. Select a folder (see “Programming the Recorder” on Page 8) and

press **REC/STOP** to start recording. The current date and time appear briefly and are recorded as the date and time stamp of 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 **DISP/SET**. **REMAIN** appears and the remaining recording time appears.
3. Release **DISP/SET** to resume normal recording.
4. Press **REC** again to stop manual recording. 

Marking an Index During Recording

Indices may be added to the recorded messages so that you can search and listen to specific portions of a message easily. Up to a total of 99 indices 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 indices in the message appear briefly.

NOTE

- When you begin recording in the selected folder, the recorder assigns a number to your message and the number appears on the display. Message numbers are sequentially assigned from 1–99.
- When the number of stored messages in a folder reaches 99, **FULL** appears when you press **REC/STOP**. Select another folder to continue recording.
- If all the folders are full, you cannot record until you erase some messages. See “Erasing Messages” on Page 17.

**NOTE**

- When there are already 99 indices in the current folder and **MODE/INDEX** is pressed during recording, **FULL** appears.
- When there is no more recording capacity available and **REC** is pressed, **FULL** appears. You may erase some of the messages to free up recording capacity.
- When recording capacity is used up during recording, **FULL** appears and recording stops automatically.

(01/05 indicates index one of five, with 1 being the current index number and 5 being the total number of the indices.)

PLAYING MESSAGES

Changing Playback Speed

When the recorder stops recording or playing back in recorder mode, to change playback speed, press **DISP/SET** repeatedly to cycle through fast playback (▶▶), slow playback (I▶), and normal playback (▶). ▶▶, I▶, or ▶ flashes briefly.

Playing a Message

1. Set the recorder to recorder mode.
2. Rotate ◀◀ ▲/■ ▶▶ up or down to scroll through the messages until the desired number appears. Various message information appears.
3. Press ◀◀ ▲/■ ▶▶ to start playback. ▶▶, I▶, or ▶ flashes. The date and time stamp of the current message appears briefly.
4. Press +VOL – to increase or decrease the playback volume. The playback volume setting appears briefly.

5. Hold down **DISP/SET** during playback to view the message's remaining time. **REMAIN** and the remaining time appear. Release **DISP/SET** to resume normal playback.
6. To pause playback, press **◀◀ ▲/■ ▶▶** . To resume, press **◀◀ ▲/■ ▶▶** again.
7. When the recorder reaches the end of each message, it stops automatically. To stop playback sooner, press **◀◀ ▲/■ ▶▶** .

Locating an Index in a Message

1. Rotate **◀◀ ▲/■ ▶▶** up or down until the desired message number appears.
2. Press **◀◀ ▲/■ ▶▶** to listen to the message.
3. Repeatedly rotate **◀◀ ▲/■ ▶▶** up or down to rewind or fast-forward, until **INDEX** and the desired index number appear briefly. Playback resumes from the index marker.

Fast-Forwarding/Rewinding

1. Rotate ◀ ▲/■ ▶ up or down until the desired message number appears.
2. Press ◀ ▲/■ ▶ to listen to the message.
3. Rotate or hold ◀ ▲/■ ▶ up or down to rewind or fast-forward.

The recorder stops when it reaches the end of a message while fast-forwarding, or the beginning of a message while rewinding.

Section Repeat Playback

You can also repeat a section of the message you are playing during playback.

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. **END** appears briefly. The marked section plays repeatedly. **LOOP** and the message number appear alternately.
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. Repeatedly rotate ◀◀ ▲/■ ▶▶ up or down to select the message to begin scanning.
2. Hold down ◀◀ ▲/■ ▶▶ until **INTRO** and the message numbers appear alternately. 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 ◀◀ ▲/■ ▶▶ up or down to scroll through the





If you do not press a key for more than about 5 seconds, the normal display returns and the message is not erased.

messages until the number of the desired message appears.

3. Press . **ERASE** and the message number to be erased appear alternately.
4. Press  again to erase the message. The saved messages are sequentially renumbered (if message 1 is deleted, message 2 becomes message 1, message 3 becomes message 2 and so forth).

Erasing All Messages in a Folder

1. In recorder mode, select the folder containing the message 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.

CONNECTING TO A PC

With the supplied USB cable and Voice Recorder Link software, recorded voice messages may be transferred to and from your PC. This allows you to free-up recording capacity, save your

messages, and share messages with others via e-mail.

To synchronize data between your digital recorder and a computer, first follow the steps under “Installing Voice Recorder Link” on Page 20 to install the supplied software. Then connect the supplied USB cable between your PC USB jack and the USB jack on the bottom of your recorder.

System Requirements (Voice Recorder Link)


Computer/ Processor	Multimedia PC with Pentium II 233 or above.
Memory	64 MB or more.
Hard Disk	10MB of available hard disk space. An additional 230MB of hard disk space is required for temporary files in conversions.
Drive	CD-ROM drive.
Display	Super VGA graphics card or compatible video graphics adapter.
Operating System	Microsoft Windows® 98, Windows® 2000, Windows® ME or Windows® XP.
Communication port	One available USB port.
Peripherals	Microsoft Mouse or compatible pointing device. Windows compatible audio board with headphones or speakers.

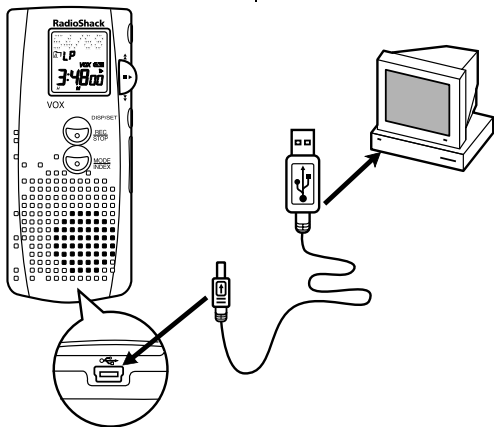


If the setup menu does not automatically appear after inserting the CD-ROM into the CD-ROM drive, start the CD-ROM manually.

INSTALLING VOICE RECORDER LINK

Make sure that all programs, such as games or anti-virus software, are closed. If programs are open, close and exit the programs before proceeding.

1. Insert the supplied CD-ROM into your PC's CD-ROM drive. The setup menu appears. 
2. Follow the on-screen instructions to install the software.



3. Connect your recorder to a USB port on your PC with the USB cable as illustrated. **LINK** appears on the recorder's display.

After installation, the installed software is added to the *Start/Programs* menu

and a shortcut appears on the desktop. ✓

Installing a USB Driver



If the digital voice recorder is plugged into the PC before using the CD for installation, you need to manually install the USB driver for digital voice recorder.

1. Connect the recorder to your computer. The system detects it and asks for the device driver in the *New Hardware Wizard*. Click **Next** to continue.
2. Place the CD in the CD-ROM drive.

Follow the instructions below for your Operating System.

For Windows® 98 / 2000

3. Select *Search for a suitable driver for my device (Recommended)* and click **Next**.
4. Select *Specify a location* and click **Next** to continue.
5. Enter the driver's location as *x:\driver* (*x:* is your CD-ROM drive). Click **Next** to continue.

 **NOTE** 
Link appears automatically as soon as the USB cable is plugged in.

6. Follow the on-screen instructions to complete installation.

For Windows® ME / XP

3. For Windows® ME, select *Specify the location of the drive*. Enter the drive location and click **Next**.

*For Windows® XP, select **Install from a list or specify location**. (Advanced) and click **Next**.*

4. Select *Search for the best driver in this location*.
5. Place the CD in the CD-ROM drive and enter the driver's location as *x:\driver* (x:\ is your CD-ROM drive). Click **Next** to continue.
6. Follow the on-screen instructions to complete installation.





Install the software as described under "Installing Voice Recorder Link" on Page 20.

Installing Sound Recorder and Audio Compression

In some installations of Windows® 98 and ME, the required sound recorder and audio compression components may not have been installed.

1. Select **Start/Settings/Control Panel** from the Start menu.
2. Double-click **Add/Remove Programs**.
3. Click on the **Windows Setup** tab.
4. Scroll down and double-click **Multimedia**.
5. Make sure **Audio Compression** and **Sound Recorder** are checked. ✓

USING VOICE RECORDER LINK

1. Select **Start/Programs/RadioShack Corp 14-1189/Voice Recorder Link**, or double click the **Voice Recorder Link** shortcut on the desktop, to open the software. Information about recorded messages appears.
2. Select the desired folder (, , , or ).



NOTE

Windows setup CD/disks may be required during the installation process.

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.

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.


RadioShack Customer Relations, 200 Taylor Street, 6th Floor, Fort Worth, TX 76102

12/99


UPLOADING MESSAGES TO YOUR PC

1. Click on the message number to be transferred.
2. Click  the tool bar or choose *Upload from Unit to PC* from the **Message** menu.
3. In the *Save As* box, choose a filename and location to save the message. **TX** flashes on the recorder while the file is transferring.

DOWNLOADING MESSAGES TO THE RECORDER


1. Click  on the tool bar or choose *Download from PC to Unit* from the **Message** menu.
2. Enter a filename and location for the message in the *Open* box.
3. Click **Open**. The *Message Option* box appears.
4. Select a *Target Folder* and the *Recording Quality* for the message.
5. Click **Okay**. **RX** flashes on the recorder while the file is transferring.

DELETING MESSAGES FROM YOUR PC

1. Click on a message number to select it.
2. Press Delete on your keyboard or select **Edit/Delete**. 
3. Click **Yes** to confirm.

PLAYING MESSAGES ON YOUR PC

Before messages have been uploaded:

1. Select the desired folder, click on a message number to select it, and click  on the tool bar or select **PLAY** from the **Message** menu.
2. In the *Play Option* box, select *Save the highlighted message and play it.* and click **OK**.
3. In the *Save As* box, select a filename, folder location, and message format, and click **SAVE**.
4. Your computer's default .WAV file player opens and plays the message.

After messages have been uploaded:

1. Click on a message number to select it and click  on the tool bar

CAUTION

Deleting messages removes them permanently. Messages cannot be recovered from the Recycle Bin.

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.

SERVICE AND REPAIR

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.

or select **PLAY** from the *Message* menu.

2. In the *Play Option* box, select *Play a saved message.* and click **OK**.
3. Select a filename from a folder with saved messages and click **Open**.
4. Your computer's default .WAV file player opens and plays the message.

RESETTING THE RECORDER



Use a blunt pointed object, such as the tip of a pencil or a straightened paper clip, to press **RESET** on the back of the recorder. All settings return to the preset values.

Reset the date and time as needed. Resetting the recorder does not erase any messages you stored.

REFORMATTING THE RECORDER

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. If this happens, you can reformat the recorder.

1. Hold down  and press **RESET**.
2. Release . **ERASE ALL** appears briefly.

All settings return to the preset values and all messages are deleted.

TROUBLESHOOTING

Problem	Suggestion
Nothing happens after pressing a button.	Make sure the LOCK switch is in the unlocked position.
	Make sure that fresh batteries are correctly installed.
There is no sound.	Make sure the volume is turned up.
	Make sure an earphone is not connected to the recorder.
No sound is recorded with external microphone.	Make sure the microphone is fully plugged in.
	Make sure a dynamic type of microphone is used.
The recorder does not record.	Make sure the number of messages in the selected folder is less than 99.
	Make sure the total length of all the recorded messages in the selected folder has not been reached.
DOOR appears.	Make sure the battery door latch is in the locked position.
BATT appears.	Make sure fresh batteries are used.
Message <i>Please make sure the unit has been connected properly.</i> appears.	Make sure the USB cable is connected properly.
	Make sure LINK appears on the digital recorder.
Operation is not normal.	Reset the unit. Perform a full reset if necessary.

SPECIFICATIONS

Recording medium:
Non-volatile (flash) memory

Recording time:

SP	126 min.
EP	164 min.
LP	234 min.

Speaker 23mm diameter

Maximum power 100mW

Frequency Range:

.....	400Hz – 3200 Hz
	@ -6 dB

PC interface USB

Earphone jack:

.....	3.5mm diameter, 8 ohm
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Microphone jack:

....	3.5mm diameter, 2 Kohm
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Power AAA x 2
(1.5V alkaline battery)

Battery Life

Continuous recording:

.....	About 6 hours
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Continuous playback:

.....	4 hours
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Dimensions (WHT):

.....	$1^{11}/16 \times 4^{1}/8 \times 9/16$ in.
.....	(43 × 105 × 15 mm)

Weight 43g
(without battery)

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.