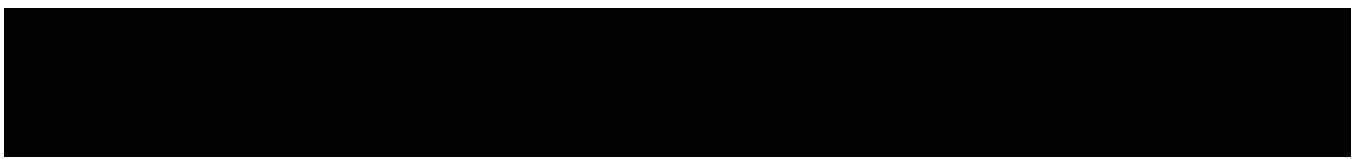


Cat. No. 14-729

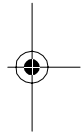
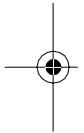
OWNER'S MANUAL

Please read before using this equipment.

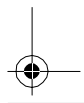
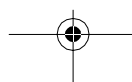
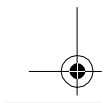


AM/FM Stereo Auto Reverse Cassette Recorder

with Bass Boost



**Radio Shack**





## FEATURES

Your Radio Shack SCR-99 AM/FM Stereo Auto Reverse Cassette Recorder with Bass Boost is a versatile, easy-to-use music system with many useful features. You can record live sounds or from the radio, or just enjoy the radio or cassette player's high quality sound.

The SCR-99's compact design and handy carrying handle let you take it almost anywhere. Its features include:

**Auto Reverse** — automatically plays the other side of the tape when the first side ends.

**Dual-Source Recording** — lets you record from the radio or use the built-in microphone to make a live recording.

**One-Touch Recording** — lets you start recording quickly and easily.

**Soft Cassette Tape Eject** — gently opens the cassette compartment cover so the cassette does not pop out.

**PHONES Jack** — lets you connect optional earphones so you can listen in privacy.

**Automatic Level Control** — automatically adjusts the recording level.

**Extended Bass Switch** — enhances low frequency sounds.

**Two Power Sources** — let you power the SCR-99 from internal batteries or AC power.

**Warning:** To prevent fire or shock hazard, do not expose this product to rain or moisture.

The set complies with the FCC Rules, Part 15.

|   |   |  |
|---|---|--|
|   | RISK OF ELECTRIC SHOCK.<br>DO NOT OPEN. |  |
| CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER OR BACK. NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED PERSONNEL. |   |  |



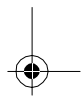
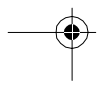
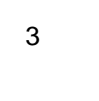
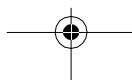
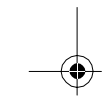
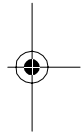
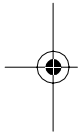
This symbol is intended to alert you to the presence of uninsulated dangerous voltage within the product's enclosure that might be of sufficient magnitude to constitute a risk of electric shock. Do not open the product's case.

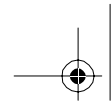
© 1996 Tandy Corporation.  
All Rights Reserved.

Radio Shack is a registered trademark used by Tandy Corporation.



This symbol is intended to inform you that important operating and maintenance instructions are included in the literature accompanying this product.



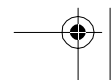
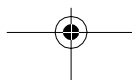
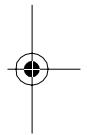


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## POWER SOURCES

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You can operate the SCR-99 using the supplied AC power cord or internal battery power.

### USING AC POWER

You can power the SCR-99 from standard AC power using the supplied AC power cord. Connect the cord to ~AC IN on the back of the SCR-99 and a standard AC outlet.

### Notes:

- The AC power cord's plug is polarized (one blade is larger than the other) and only fits one way. Do not force it. If the plug does not fit, turn it over and try again.
- Internal batteries automatically disconnect when you connect the AC power cord to the SCR-99.

### USING BATTERIES

You can power the SCR-99 from six D batteries (not supplied). For the longest life, we recommend alkaline batteries, such as Radio Shack Cat. No. 23-550.

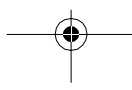
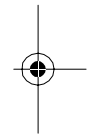
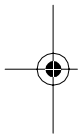
1. Press down on the tabs above the battery compartment cover and pull it down to remove it.
2. Place six D batteries in the compartment, as indicated by the polarity symbols (+ and -) marked above the compartment.

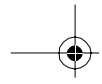
### Cautions:

- Use only fresh batteries of the required size and type.
- Never mix old and new batteries.

3. Replace the cover.

If the SCR-99 does not operate properly or if the sound weakens or distorts, replace the batteries.



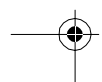
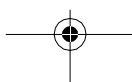
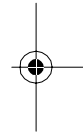
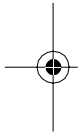


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**Cautions:**

- Always dispose of the old batteries promptly and properly.
- Never leave dead, old, or weak batteries in the SCR-99. They can leak chemicals and corrode or damage electronic circuits.
- If you do not plan to use batteries in the SCR-99 for a month or more, remove the batteries to protect the SCR-99 from possible battery leakage.





## USING EARPHONES

---



For private listening, you can connect a pair of earphones (not supplied) with a 1/8-inch plug. Your local Radio Shack store carries a wide selection of earphones.

Insert the earphones' 1/8-inch plug into the PHONES jack on the side of the SCR-99.

Note: Connecting earphones automatically disconnects the built-in speaker.

## LISTENING SAFELY

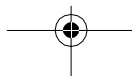
To protect your hearing, follow these guidelines when you use earphones.

- 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 is illegal in some areas.

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





## RADIO OPERATION

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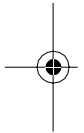
Warning: To protect your hearing, set VOLUME MIN/MAX to its lowest setting before you turn on the radio.

1. Set FUNCTION to RADIO to turn on the radio.

- If reception of an FM station is weak with BAND set to FM STEREO, try setting BAND to FM. The sound is mono, but the reception should improve.

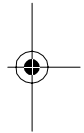
2. Set BAND to AM, FM, or FM STEREO.

4. Adjust VOLUME MIN/MAX to a comfortable listening level.



3. Rotate the tuning control until you hear the desired station.

5. Adjust TONE LOW/HIGH for the desired sound.

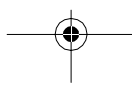


### Notes:

- The AM antenna is built-in. For the best AM reception, rotate the SCR-99.
- For the best FM reception, fully extend the telescoping antenna and swivel it to the position that produces the best reception.

6. Set E-BASS OFF/ON to ON to emphasize low frequency sounds. Set it to OFF for normal bass sound.

7. Set TAPE/RADIO to TAPE to turn off the radio.







## CASSETTE PLAYER OPERATION

---



### LOADING A CASSETTE TAPE

1. Take up any slack in the tape by turning the cassette's hub with a pencil. If you do not remove excess slack, the tape might become tangled in the record/playback mechanism.

2. Press STOP/EJECT to open the cassette compartment door.

3. Load the cassette with its open edge facing up, its full reel to the right, and the desired side toward you.

4. Gently close the compartment door.

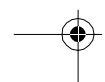
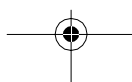
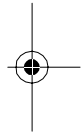
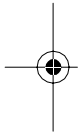
### PLAYING A CASSETTE TAPE

Warning: To protect your hearing, set VOLUME MIN/MAX to its lowest setting before you begin playing a cassette tape.

1. Set FUNCTION to TAPE.
2. Load a cassette tape.
3. Set MODE as follows:

- For one-time play, press MODE so the button locks down. When the tape reaches the end of the first side, it automatically reverses direction, plays the second side, and then stops.
- For continuous play, press MODE so the button releases. Each time the tape reaches the end of a side, the tape direction reverses and play continues on the other side until you press STOP/EJECT.

4. Press PLAY.





Notes:

- Press PAUSE to temporarily stop playback. Press PAUSE again to resume playback.

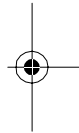
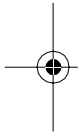
RECORDING

You can record from the radio, or use the built-in microphone to make a live recording.

Caution:

- Press ◀◀ to fast-forward, or ▶▶ to rewind the tape to the desired location.
- Press DIRECTION to reverse the tape's direction and play the other side.

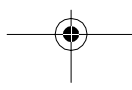
- Before you load a cassette tape for recording, be sure its erase-protection tabs are in place. If you force down RECORD when that side's erase-protection tab is missing, you can damage the record mechanism (see "Preventing Accidental Erasure").
- The SCR-99 records only when the tape is turning forward. After loading a cassette tape, press RECORD to see if the tape is turning forward. You cannot press RECORD if the tape is turning in reverse. If necessary, press DIRECTION to change the tape's direction. Do not force down RECORD.



5. Adjust VOLUME MIN/MAX for the desired listening level.
6. Adjust TONE LOW/HIGH for the desired sound.
7. Set E-BASS OFF/ON to ON to emphasize low frequency sounds. Set it to OFF for normal bass sound.
8. Press STOP/EJECT to completely stop playback before it automatically stops. Press STOP/EJECT again to open the cassette compartment and remove the cassette tape.

Notes:

- The SCR-99's Automatic Level Control (ALC) automatically adjusts the recording level. VOLUME MIN/MAX has no effect on recording.
- To record on the other side of the tape, remove the tape, turn it over, and load it again.



### Recording from the Radio

1. Load a blank cassette tape or one you want to record over into the cassette compartment.
2. Set TAPE/RADIO to RADIO.
3. Set BAND to the desired band.
4. Adjust TUNING to the station you want to record.
5. Press RECORD to begin recording. PLAY, RECORD, and MODE lock down.

3. Place the SCR-99 1-2 feet from the recording source.

4. Press RECORD to begin recording. PLAY, RECORD, and MODE lock down.

Note: To temporarily stop recording, press PAUSE. To resume recording, press PAUSE again.

5. Press STOP/EJECT to stop recording.

### TAPE TIPS

#### Recommended Tapes

Tape quality greatly affects the quality of the recording. We recommend extended-range or low noise type 1 regular length (60-minute or 90-minute) normal-bias cassette tapes. We do not recommend long-play cassette tapes such as C-120s because they are thin and easily tangle.

Note: To temporarily stop recording, press PAUSE. To resume recording, press PAUSE again.

6. Press STOP/EJECT to stop recording.

### Making Live Recordings

Follow these steps to make live recordings using the built-in microphone.

1. Load a blank cassette tape or one you want to record over into the cassette compartment.
2. Set TAPE/RADIO to TAPE.

#### Recording Over or Erasing a Cassette Tape

To record over a cassette tape, simply record as usual. The cassette deck records over the previous recording.

You can quickly erase both sides of a cassette tape using a bulk tape eraser such as Cat. No. 44-232, available at your local Radio Shack store.



### Preventing Accidental Erasure

Cassette tapes have two erase-protection tabs, one for each side. When a tab is in place, you can record on that side.

To protect a recording from being accidentally recorded over or erased, use a screwdriver to remove one or both of the cassette tape's erase-protection tabs. This prevents RECORD from being pressed.

If you later decide to record on a tape side after you have removed the erase-protection tab, place a piece of strong plastic tape over that side's erase-protection hole. Be sure you cover only the hole originally covered by the erase-protection tab.

**Caution:** Removing the erase-protection tabs does not prevent a bulk eraser from erasing a cassette tape.

### Restoring Tape Tension and Sound Quality

After you play a cassette tape several times, the tape might become tightly wound on the reels. This can cause playback sound quality to deteriorate.

To restore the sound quality, fast-forward the tape from the beginning to the end of one side, then completely rewind it. Then loosen the tape reels by gently tapping each side of the cassette's outer shell on a flat surface.

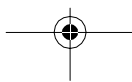
**Caution:** Be careful not to damage the cassette when tapping it. Do not touch the exposed tape or allow any sharp objects near the cassette.

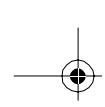
### Cleaning the Tape-Handling Parts

Dirt, dust, or particles of the tape's coating can accumulate on the tape heads and other parts that the tape touches. This can greatly reduce the cassette player's performance.

To prevent noise and poor high-frequency response, clean the cassette player's tape handling parts after every 20 hours of use. Your local Radio Shack store sells a complete line of cassette cleaning supplies.

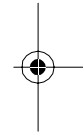
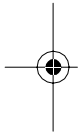
1. Set TAPE/RADIO to TAPE.



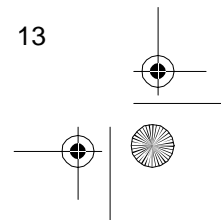
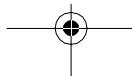
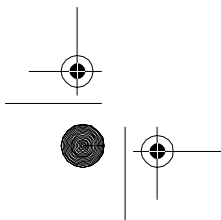


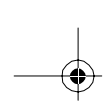
- 
2. Remove the batteries or disconnect the AC power source.
  3. Open the cassette compartment cover.
  4. Press and hold down the erase-protection tab sensor, then press RECORD to expose the record/playback and erase heads.

5. Use a cotton swab dipped in tape head cleaning solution or denatured alcohol to gently clean the capstans, pinch rollers, tape guides, and tape heads.



6. Press STOP/EJECT and close the cassette compartment cover.





## CARE AND MAINTENANCE

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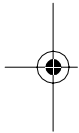
### CARING FOR YOUR SCR-99

SCR-99 AM/FM Stereo Auto Reverse is a product of excellent design and craftsmanship. The following instructions will help you care for your SCR-99 so you can enjoy it for years.

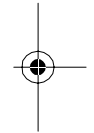
Keep the SCR-99 dry. If it gets wet, wipe it immediately. Some cleaning agents might contain minerals that can corrode the surface.

Wipe the SCR-99 gently and carefully. Do not use abrasive cleaners on the faceboards and cases and can cause the surface to become dull.

Do not store the SCR-99 only in normal room temperature. Temperature extremes can shorten the life of the unit and distort or melt plastic parts.

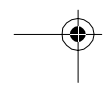
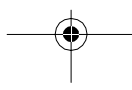


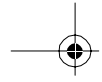
Keep the SCR-99 away from dust and dirt, which can cause wear of parts.



Wipe the SCR-99 with a damp cloth occasionally. Do not use harsh chemicals, cleaning solutions, or abrasives to clean the SCR-99.

Do not attempt to repair the SCR-99's internal components. Doing so will void your SCR-99's warranty, and void your warranty if the SCR-99 is not performing as it should, then contact your dealer for assistance.





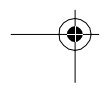
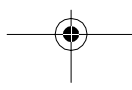
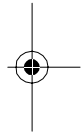
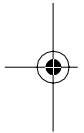
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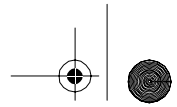
## THE FCC WANTS YOU TO KNOW

This equipment complies with the limits for a Class B digital device as specified in Part 15 of FCC Rules. These limits provide reasonable protection against radio and TV interference in a residential area. However, your equipment might cause radio or TV interference even when it is operating properly. To eliminate interference, you can try one or more of the following corrective measures:

- Reorient or relocate the radio or TV's receiving antenna.
- Increase the distance between the SCR-99 and the radio or TV.
- Connect your SCR-99 to an AC outlet that is on a different electrical circuit from either the radio or TV.

Consult your local Radio Shack store or an experienced radio/TV technician if the problem still exists. If you cannot eliminate the interference, the FCC requires that you stop using your SCR-99.





## SPECIFICATIONS

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### RADIO

Frequency Range:

FM88-108 MHz

AM 530-1710 kHz

Antenna:

FM Telescoping Antenna

AM Ferrite Rod

### CASSETTE PLAYER

Track System 4 Track Stereo

Tape Speed  $1\frac{7}{8}$  inch/second

Recording System DC Bias, Magnet Erase

Frequency Response (Record/Play)  
at  $\pm 3$  dB 80-12,000 Hz

Frequency Response (Record/Play)  
at  $\pm 6$  dB 125-6300 Hz

Wow and Flutter 0.3% (WRMS)

### GENERAL

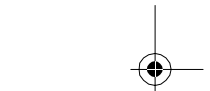
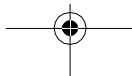
Power Requirements 120 Volts AC,  
60 Hz DC 9V (6 D Batteries)

Power Consumption 18W

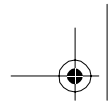
Dimensions  $5\frac{1}{8} \times 16\frac{15}{16} \times 4\frac{13}{16}$   
Inches (HWD)  
(130 x 430 x 122 mm)

Weight 5 lbs 1 oz  
(2.3 Kg)

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





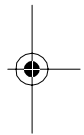
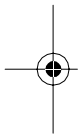


### RADIO SHACK LIMITED WARRANTY

This product is warranted against defects for 90 days from date of purchase from Radio Shack company-owned stores and authorized Radio Shack franchisees and dealers. Within this period, we will repair it without charge for parts and labor. Simply bring your Radio Shack sales slip as proof of purchase date to any Radio Shack store. Warranty does not cover transportation costs. Nor does it cover a product subjected to misuse or accidental damage.

EXCEPT AS PROVIDED HEREIN, RADIO SHACK MAKES NO EXPRESS WARRANTIES AND ANY IMPLIED WARRANTIES ARE LIMITED IN DURATION TO THE DURATION OF THE WRITTEN LIMITED WARRANTIES CONTAINED HEREIN. Some states do not permit limitation or exclusion of implied warranties; therefore, the aforesaid limitation(s) or exclusion(s) may not apply to the purchaser.

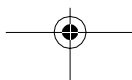
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A Division of Tandy Corporation  
Fort Worth, Texas 76102

7A5

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