



Cat. No. 14-1222  
**OWNER'S MANUAL**

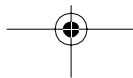
Please read before using this equipment.

**STEREO MATE<sup>®</sup>**  
**SCP-81**

**Stereo Cassette Player**



**OPTIMUS<sup>®</sup>**





## FEATURES

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Your Optimus Stereo Mate® SCP-81 Stereo Cassette Player with Extended Bass is lightweight, portable, and easy to operate. It has these features:

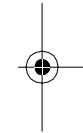
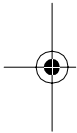
**Bass Boost** — provides richer, fuller bass.

**Fast-Forward** — lets you quickly find a particular portion of a cassette tape.

**Headphone Jack** — lets you listen in privacy through stereo headphones or connect to amplified speakers (neither supplied).

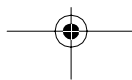
**Removable Belt Clip** — allows hands-free carrying.

**Note:** You need two AA batteries and a pair of headphones or amplified speakers with a 1/8-inch plug to listen to your SCP-81. Your local RadioShack store sells a variety of headphones and speakers.



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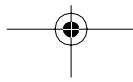
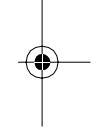
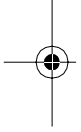
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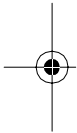


## PREPARATION

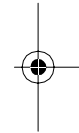


### INSTALLING BATTERIES

You need two AA batteries (not supplied) to power your SCP-81. We recommend alkaline batteries, such as RadioShack Cat. No. 23-552.



1. Slide the battery compartment cover in the direction of the arrow until it stops, then lift up on the cover's outer edge.



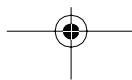
**Caution:** The battery compartment cover is attached to the SCP-81 by a hinge. Do not attempt to remove it.

2. Install two AA batteries as indicated by the polarity symbols (+ and -) marked on the diagram beside the compartment.
3. Replace the cover.

When the volume weakens or the sound distorts, replace the batteries.



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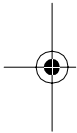


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**Notes:**

- Never mix battery types (old and new, alkaline and carbon zinc, rechargeable and non-rechargeable).
- Replace both batteries at the same time.
- If the player is not going to be used for a week or more, remove the batteries to avoid damage if they leak.

**USING HEADPHONES/SPEAKERS**

To use headphones or amplified speakers, plug them into the jack.



Your local RadioShack store has a complete line of headphones and speakers to choose from.





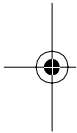
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## Listening Safely

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

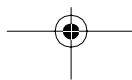
- Do not listen at extremely high volume levels. Extended high volume listening can lead to permanent hearing loss.
- Set the volume to its lowest level before you begin listening. After you put on the headphones, adjust the volume to a comfortable listening level.
- Once you set the volume, do not increase 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 headphones while operating a motor vehicle or riding a bicycle. This can cause a traffic hazard and is illegal in some areas.

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

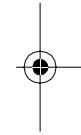
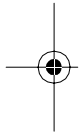




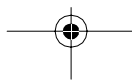
## USING THE BELT CLIP

For hands-free carrying, slide the belt clip over your belt.

To remove the belt clip, press down on the arrow and slide the clip in the direction of the arrow.



To reattach the belt clip, place it in the recessed area and slide it in the direction opposite the arrow on the clip until it snaps into place.



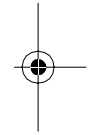
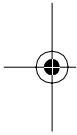


## **CASSETTE PLAYER OPERATION**

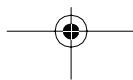


### **PLAYING A TAPE**

1. Pull open the cassette compartment door.
2. Insert a tape into the cassette guides with its open edge facing up and the side you want to play facing the front cover.
3. Close the door.
4. Set **VOLUME** to its lowest setting.



**Note:** Make sure you connected headphones or amplified speakers.



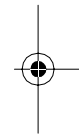
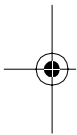




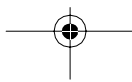
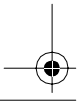
5. Press **PLAY**.

6. Adjust **VOLUME** to a comfortable listening level.

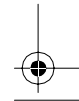
7. Set **BASS BOOST** to **ON** for enhanced bass.



8. Press **STOP** to stop playback.



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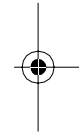
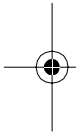


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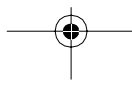
## USING FAST-FORWARD

To fast-forward the cassette tape, press **F.FWD**. The button locks and the tape fast-forwards until it reaches the end of the tape or you press **STOP**.



### Notes:

- When the tape reaches the end, you must press **STOP** to release the tape mechanism.
- When using fast forward, always press **STOP** before pressing **PLAY** to save wear of the tape player's mechanism.





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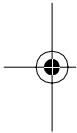
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## TAPE TIPS AND TECHNIQUES

### Storing Cassette Tapes

Do not expose cassette tapes to:

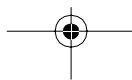
- High temperatures
- High humidity
- Dust or dirt
- Motors, transformers, or other sources of strong magnetic fields



### 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 turn the tape over and fast-forward to the end again. Then loosen the tape reels by gently tapping each side of the cassette's outer shell on a flat surface.



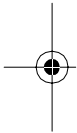


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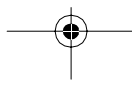
**Caution:** Be careful not to damage the cassette when tapping it. Do not touch the exposed tape or allow any sharp objects near the cassette.

### 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 performance of the SCP- 81. Use the following cleaning procedure after every 20 hours of operation.



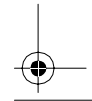
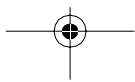
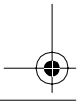
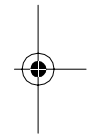
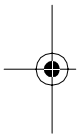
1. Remove the batteries and open the cassette compartment door.
2. Press **PLAY** to expose the tape-handling parts.
3. Use a cotton swab dipped in tape head cleaning solution or denatured alcohol to gently clean the play head, pinch roller, tape guide, and capstan.





4. When you finish cleaning, press **STOP**, close the compartment, and reinstall the batteries.

Your local RadioShack store has a full line of cleaning supplies.





## **MAINTENANCE**

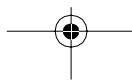
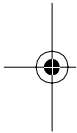
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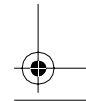
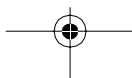
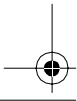
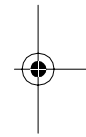
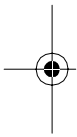
Your Optimus Stereo Mate SCP-81 Stereo Cassette Player with Extended Bass is an example of superior design and craftsmanship. The following suggestions will help you care for the SCP-81 so you can enjoy it for years.

- Keep the SCP-81 dry. If it gets wet, wipe it dry immediately. Liquids can contain minerals that can corrode the electronic circuits.
- Use only fresh batteries of the recommended size and type. Always remove old or weak batteries. They can leak chemicals that destroy electronic circuits.
- Handle the SCP-81 gently and carefully. Dropping it can damage circuit boards and cases and can cause the product to work improperly.
- Use and store the SCP-81 only in normal temperature environments. Temperature extremes can shorten the life of electronic devices, damage batteries, and distort or melt plastic parts.
- Keep the SCP-81 away from dust and dirt, which can cause premature wear of parts.
- Wipe the SCP-81 with a damp cloth occasionally to keep it looking new. Do not use harsh chemicals, cleaning solvents, or strong detergents to clean the SCP-81.





Modifying or tampering with the SCP-81's internal components can cause a malfunction and might invalidate the SCP-81's warranty. If your SCP-81 is not performing as it should, take it to your local RadioShack store for assistance.



## SPECIFICATIONS

Power Requirements ..... 2 AA Batteries  
Tape System ..... 4 Track, 2 Channel Stereo Tape  
Tape Speed at 3 KHz .....  $1\frac{7}{8}$  ips  $\pm 3/-2$  (4.75 cm/s)  
Frequency Response ..... 80-10,000 Hz ( $\pm 3$  dB)  
Signal-to-Noise Ratio ..... 40 dB  
Wow and Flutter (WWTD) ..... 0.35%  
Dimensions (HWD) .....  $4\frac{11}{16}$   $\times$   $3\frac{11}{16}$   $\times$   $1\frac{1}{2}$  inches  
(119  $\times$  93  $\times$  38 mm)

Weight ..... 6.3 ounces (178 g)

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

### RadioShack Limited Warranty

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