

## Sharp MD-SR60S

# Sharp MD-SR60S Minidisc Player/Recorder Instruction Manual

Model: MD-SR60S

## 1. INTRODUCTION

This manual provides detailed instructions for the proper use and maintenance of your Sharp MD-SR60S Minidisc Player/Recorder. Please read this manual thoroughly before operating the unit to ensure optimal performance and longevity. The MD-SR60S offers high-quality audio recording and playback with 24-bit ATRAC sound technology.

## 2. SAFETY INFORMATION

- Do not expose the unit to rain or moisture to prevent fire or electric shock.
- Do not open the casing. Refer all servicing to qualified service personnel.
- Avoid placing the unit near heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
- Use only attachments/accessories specified by the manufacturer.
- Dispose of batteries properly according to local regulations. Do not expose batteries to excessive heat.

## 3. PACKAGE CONTENTS

Verify that all items listed below are included in your package:

- Sharp MD-SR60S Minidisc Player/Recorder Unit
- Folding Headphones
- NiMH Rechargeable Battery
- AC Power Adapter
- Carrying Case
- Optical Digital Audio Cable
- RCA Analog Audio Cable

## 4. PRODUCT OVERVIEW

Familiarize yourself with the main components of your MD-SR60S unit.



Image 1: Front view of the Sharp MD-SR60S Minidisc Player/Recorder. This image displays the main unit, highlighting the Minidisc slot, display screen, and primary control buttons such as Play, Stop, Record, and navigation keys. The compact design is visible.

### Key Components:

- **Minidisc Slot:** Insert your Minidiscs here.
- **LCD Display:** Shows track information, battery status, and operating modes.
- **Control Buttons:** Play, Stop, Pause, Fast Forward, Rewind, Record, Volume Up/Down.
- **Headphone Jack:** 3.5mm stereo output for headphones.
- **Line In/Optical Digital In:** Input for connecting external audio sources.
- **Microphone Input:** Dedicated port for external microphone recording.
- **DC In Jack:** For connecting the AC power adapter.
- **Battery Compartment:** Holds one AA alkaline battery or the supplied NiMH rechargeable battery.

## 5. SETUP

### 5.1 Battery Installation and Charging

1. Open the battery compartment cover located on the unit.
2. Insert one AA alkaline battery or the supplied NiMH rechargeable battery, ensuring correct polarity (+/-).

3. Close the battery compartment cover securely.
4. To charge the NiMH battery, connect the AC power adapter to the DC In jack on the unit and plug it into a wall outlet. The charging indicator will illuminate.

*Note: A fully charged NiMH battery provides approximately 7 hours of playback or 4.5 hours of recording. An AA alkaline battery offers similar performance.*

## 5.2 Connecting Headphones

Plug the supplied folding headphones into the 3.5mm headphone jack on the unit. For optimal sound, ensure the plug is fully inserted.

## 5.3 Connecting to External Audio Sources

- **Digital Input:** Use the supplied optical digital audio cable to connect the unit's Optical Digital In port to a digital audio output on your CD player, DAT player, or other compatible digital source.
- **Analog Input:** Use the supplied RCA analog audio cable to connect the unit's Line In port to the analog audio output (RCA jacks) of your stereo system or other analog audio source.

# 6. OPERATING INSTRUCTIONS

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## 6.1 Power On/Off

Press and hold the **POWER** button to turn the unit on or off.

## 6.2 Playback

1. Insert a Minidisc into the Minidisc slot until it clicks into place.
2. Press the **PLAY** button to begin playback.
3. Use the **VOLUME +/-** buttons to adjust the listening level.
4. Press **PAUSE** to temporarily stop playback, and press it again to resume.
5. Press **STOP** to end playback.
6. Use the **SKIP** buttons (forward/backward) to navigate between tracks.

*The MD-SR60S features a 10-second antiskip buffer to prevent audio interruptions during active use.*

## 6.3 Digital Bass Boost

The unit includes a digital bass boost function with three selectable presets. Press the **BASS BOOST** button repeatedly to cycle through the available enhancement levels (e.g., Off, Level 1, Level 2, Level 3) to suit your preference.

## 6.4 Using the Inline Remote Control

Connect the inline remote control to the headphone jack, and then plug your headphones into the remote. The remote allows for basic playback controls (Play, Stop, Skip, Volume) without needing to access the main unit directly.

# 7. RECORDING

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Ensure a blank or erasable Minidisc is inserted before beginning any recording process.

## 7.1 Digital Synchro Recording

1. Connect your digital audio source to the unit's Optical Digital In port using the optical cable.
2. Select the digital input source on the MD-SR60S (refer to display).

3. Press the **RECORD** button. The unit will enter standby mode.
4. Start playback on your digital audio source. The MD-SR60S will automatically begin recording when it detects an incoming digital audio signal.
5. Press **STOP** on the MD-SR60S to end recording.

## 7.2 Analog Recording

1. Connect your analog audio source to the unit's Line In port using the RCA analog audio cable.
2. Select the analog input source on the MD-SR60S.
3. Press the **RECORD** button.
4. Start playback on your analog audio source.
5. Adjust the recording level if necessary (refer to the display for level meters).
6. Press **STOP** on the MD-SR60S to end recording.

## 7.3 Microphone Recording

1. Connect an external microphone to the Microphone Input jack.
2. Press the **RECORD** button.
3. Begin speaking or playing audio into the microphone.
4. Adjust the recording level if necessary.
5. Press **STOP** on the MD-SR60S to end recording.

## 8. EDITING FUNCTIONS

The MD-SR60S allows for basic editing of recorded tracks directly on the unit. This includes functions such as dividing tracks, combining tracks, and erasing tracks. Refer to the on-screen menu and navigation buttons for specific editing procedures. The unit's design facilitates straightforward editing operations.

## 9. MAINTENANCE

### 9.1 Cleaning the Unit

- Wipe the exterior of the unit with a soft, dry cloth.
- Do not use abrasive cleaners, waxes, or solvents.
- Keep the Minidisc slot free of dust and debris.

### 9.2 Battery Care

- If using the NiMH rechargeable battery, fully charge it before first use and periodically if the unit is stored for extended periods.
- Remove batteries if the unit will not be used for a long time to prevent leakage.
- Dispose of depleted batteries responsibly.

## 10. TROUBLESHOOTING

Problem	Possible Cause	Solution
Unit does not power on.	Battery depleted or incorrectly inserted. AC adapter not connected or faulty.	Check battery charge and polarity. Connect AC adapter and verify power source.

Problem	Possible Cause	Solution
No sound during playback.	Headphones not connected properly. Volume too low. Minidisc faulty.	Ensure headphones are fully plugged in. Increase volume. Try a different Minidisc.
Recording does not start.	No Minidisc inserted or disc is full/protected. Input source not selected or no signal.	Insert a blank/erasable Minidisc. Select correct input. Ensure audio signal is present.
Audio skips during playback.	Excessive movement. Minidisc dirty or damaged.	Minimize movement. Clean or replace Minidisc.

## 11. SPECIFICATIONS

Feature	Specification
Model Number	MD-SR60S
Audio Technology	24-bit ATRAC
Antiskip Protection	10 seconds
Battery Life (Playback)	Up to 7 hours
Battery Life (Recording)	Up to 4.5 hours
Compatible Batteries	1 x AA Alkaline or 1 x NiMH Rechargeable
Inputs	Optical Digital Audio, Analog (RCA), Microphone
Outputs	3.5mm Headphone Jack
Dimensions (L x W x H)	10.5 x 5.7 x 2.3 inches (Package Dimensions)
Weight	1.7 pounds
Manufacturer	Sharp
Date First Available	November 21, 2000

## 12. WARRANTY AND SUPPORT

### 12.1 Limited Warranty

Sharp provides a limited warranty for the MD-SR60S Minidisc Player/Recorder. This warranty covers parts for a period of **one (1) year** and labor for a period of **ninety (90) days** from the original date of purchase. Please retain your proof of purchase for warranty claims. This warranty does not cover damage caused by misuse, accident, unauthorized modification, or normal wear and tear.

### 12.2 Customer Support

For technical assistance, troubleshooting beyond this manual, or warranty service, please contact Sharp customer support. Contact information can typically be found on the official Sharp website or in the documentation provided with your product at the time of purchase.

