OPERATION MANUAL
MD-MT15
PORTABLE MINIDISC RECORDER

SHARP CORPORATION
Sharp Plaza, Mahwah, New Jersey 07430-2315

SHARP ELECTRONICS CORPORATION
6999 A10
Printed in Malaysia

CALL 1-800-EZ-SHARP
TO OBTAIN SUPPLEMENTARY OR PRODUCT INFORMATION.

Model Specific Edition:

(Model No. MD-MT15, MD-MT15H)

Thank you for purchasing this SHARP product.

This warranty applies to the products purchased in the U.S.A. and Puerto Rico.

Limited Warranty:

This warranty covers defects in material and/or workmanship of the MiniDisc player or operative parts for a period of one (1) year from the date of purchase. This warranty is non-transferable and applies only to the original retail purchaser of the product. This warranty does not cover damage caused by misuse, abuse, improper or abnormal usage, accidental damage, or acts of God such as lightning. This warranty is void if the product is modified, repaired or serviced by anyone other than an authorized service center of SHARP.

Your product model number and date of purchase are located on the identification label, usually on the bottom or back panel of your product.

Model: MD-MT15
Date of Purchase:

Warranty Period:

One (1) year

What to do if you have a problem:

1. Refer to the manual for troubleshooting instructions.
2. Contact your nearest authorized service center for assistance.
3. Visit our website at www.sharpusa.com or call 1-800-EZ-SHARP for further assistance.

For assistance or answers to common questions, please visit our website at www.sharpusa.com or call 1-800-EZ-SHARP.

WARNING:

This MiniDisc player is a precision electronic product not intended to be modified or opened. No user-serviceable parts inside. If you are not sure how to handle equipment or connections, contact a qualified technician or service facility.

For the best performance, read this manual carefully.

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**Power Source**

1. Open the battery cover.
2. Insert the battery cover. 
3. Close the battery cover.
4. Close the unit to its mounting.
5. Connect the cond from the AC adapter.

**AC Power**

- The unit may malfunction if you plug in the cord at very bright or high humidity.
- Be sure to check the AC outlet for power.
- Do not bend, twist, or pull on the power cord.
- Never use AC adapter other than the one specified. Connecting other AC adapters may damage your unit.
- When there is danger of lightning in your area:
  - Use two commercially available AC outlets.

**Battery**

- If you need to change batteries, do so in a warm, dry, well-aired area.
- For information about the battery, see the instructions in the Battery Manual (page 1).
- The battery is not charged when the unit is in use. If no battery is present or the battery is not charged, the unit will not work.

**Charge**

- To charge the battery, plug in the charger. After 5 hours, the charge icon will appear. The battery will begin charging.
- The battery is charged when the charge icon is displayed and the battery charge indicator is green.

**Precautions for alkaline battery use**

- Do not mix new and old batteries.
- Do not mix different types of batteries.
- Do not mix batteries at all.
- If you cannot replace all the batteries at once, replace all batteries before use.
- If you need to replace batteries, put new batteries in the unit immediately.

**Rechargeable Battery Power**

- Do not use rechargeable batteries other than the one specified.
- Use 2 CR123A batteries (4V each).
- The unit is not charged when the unit is in use. If no battery is present or the battery is not charged, the unit will not work.

**Notes**

- If the battery is not charged, use new batteries.
- If you need to change batteries, do so in a warm, dry, well-aired area.
- For information about the battery, see the instructions in the Battery Manual (page 1).
- The battery charge indicator is green when the battery is charged.
- The battery charge indicator is red when the battery is not charged.
- The battery charge indicator is yellow when the battery is being charged.

**Required**

- 2 CR123A batteries (4V each)
To start recording:
1. Insert a disc into the disc slot.
2. Press the REC button.
3. Select the recording format.
4. Start recording.

To stop recording:
1. Press the STOP button.
2. Remove the disc from the slot.

To pause recording:
1. Press the PAUSE button.
2. To resume, press the PAUSE button again.

To adjust recording levels:
1. Use the VOLUME control.
2. Adjust the recording level to the desired level.

To record from a CD, insert the CD into the CD slot.

Recording from Analog Audio:
1. Connect the analog audio cable.
2. Adjust the recording level.
3. Start recording.

Recording from Digital Audio:
1. Connect the digital audio cable.
2. Adjust the recording level.
3. Start recording.

To record from a tape, connect the tape to the input.

To record from a radio, tune to the desired station.

To record from a computer, connect the computer to the input.

Tips for recording:
- Use a high-quality microphone for better audio.
- Adjust the recording level to avoid distortion.
- Use a clean disc to avoid scratches and scuffs.
- Keep the recording equipment away from electromagnetic interference.

Notes:
- Regular maintenance of the recording equipment is recommended.
- Always use the AC adapter to ensure optimal performance.
- Avoid recording in high temperatures or humidity.
- Keep the recording equipment away from direct sunlight or heat sources.
To stop recording:

- Press the [ OFF] button.

To interrupt a recording:

- Press the [ ] button.
- Press the [ ] button.
- Press the [ ] button.

Notes:
- To ensure you correctly select the microphone.
- When using a microphone, press the [ ] button to interrupt recording.
- When using a microphone, press the [ ] button to stop recording.

Recording from the microphone:

- When a sound is detected, the microphone will begin recording.
- When a microphone is connected, the recording will begin automatically.

Connect the microphone to the unit. When the microphone is connected, the recording will begin. Always ensure the microphone is properly connected before recording.

Recording from the microphone:

- When a microphone is connected, the recording will begin automatically.

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Convenient Recording Function

Marking a track number automatically

1. Press the EDIT button while the recording is paused.

2. You can receive several records of marks as a single track.

Recording tracks as a single track

3. If the track is erased, all of the tracks and track marks will be erased along the point where the track was erased.

4. To cancel the operation, press the REC button.

Caution:

Recoding

To start recording from the middle of an existing track

About the time mark function

When marking a time mark, the time mark is created when the track is moved. The time mark is created at three minutes after the recording starts. The time mark is created when the recording ends.
To erase tracks, press the ERASE button. All tracks will be erased. To cancel the operation, press the ENTER button again.

Press the ENTER button to select the EDIT button. The unit will enter the pause mode. Start playing the track you want to erase.

When the edit button is pressed, the display shows the remaining recording time.
[Text content not visible from the image]
Consistent Playback Functions

To interrupt fast playback:
- Press the ENTER/SYNC button.
- To re-start the fast playback mode,
  press the ENTER/SYNC button again.

To search very quickly:
- Press the ENTER/SYNC button.
- Press the STOP button and the
  search icon will be displayed.

Notes:
- You should refer to the time
  displayed in the display window.

To play at double speed:
- Press and hold the FAST PLAY button.
- Release the button when the unit
  displays "play at double speed".

Notes:
- If the repeat function is set to play
  a single track, the display will show
  "play at double speed".
- If the repeat function is set to play
  all tracks, the display will show
  "play at double speed".

To move to the beginning of the next
Auto Program Search System

1. Press and hold the ENTER/SYNC button.
2. Press the STOP button and begin playback.
3. When the button is released, the unit
  returns to the beginning of the last track.

To move to the beginning of the next
Auto Program Search System

1. Press and hold the ENTER/SYNC button.
2. Press the STOP button and begin playback.
3. When the button is released, the unit
  returns to the beginning of the last track.

To move to the beginning of the next
Auto Program Search System

1. Press and hold the ENTER/SYNC button.
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  returns to the beginning of the last track.

To move to the beginning of the next
Auto Program Search System

1. Press and hold the ENTER/SYNC button.
2. Press the STOP button and begin playback.
3. When the button is released, the unit
  returns to the beginning of the last track.
Character information can be transferred into a recordable MD.

All the characters and data on a recordable MD (master MD with tracks and

Name/stamp (Page 26)

Letters (capital letters/waveform letters), numbers and symbols can be used.

You can quickly check the name of each track. The following information is displayed:
- The number of tracks per disc (10 to 255 tracks per disc) can be named. Since track names can be combined into

Disc/Track name (Page 25)

Restricted Tracks will be displayed by one and

Restricted Tracks can be combined into

Combining (Page 26)

By one.

A single track can be divided into two or any
desired position.

Dividing (Page 27)

If the desired track is moved, it will be automatically increased.

The number of the track which comes after the

called track moves to the position of the desired track.

The number assigned to the track following the

Deleted track can be moved to any desired

Move (Page 27)

Playback/Parity information cannot be edited. You can copy the data of each track as you choose when you can change the

What the Editing function can do

Note:

If character information was not originally

NAME/STAMP will be displayed as follows:

Each time the button is pressed, the display

To check the remaining recording time

The remaining recording time will be displayed.

To display the remaining recording time and the total playing time

Each time the button is pressed, the display

To check the playing time on an index

The index of the track display will be displayed.

Each time the button is pressed, the display

To display the playing time of each track

When in the stop mode, press the DISPLAY button.

The display will change as follows:

Each time the button is pressed, the display

During playback, press the DISPLAY button.

The display will change as follows:

Each time the button is pressed, the display
This function can not be performed.

To delete characters:

1. Press the EDIT button.

2. Press the DELETE button.

3. To delete characters in the name, use the DELETE button on the disc name.

4. Press the DELETE button on the disc name.

To add characters:

1. Press the EDIT button.

2. Press the DELETE button.

3. To add characters to a disc name, use the DELETE button on the disc name.

4. Press the DELETE button on the disc name.

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100. Press the DELETE button on the disc name.
Troubleshooting

Regular cleaning

Do not disassemble a MiniDisc.

To maximize the life of the MiniDisc, always turn off the power before removing or replacing the MiniDisc. If you remove or replace the MiniDisc when the unit is turned on, data may be lost or damaged. When you want to listen to a disc using Log mode, the recording will be made in the era.

Helpful hints when attaching a label

Do not touch the disc directly.

Handling the MiniDisc

A MiniDisc is a disc inside a protective case. Please note the following:

If the MiniDisc is inserted in the wrong direction or the MiniDisc is not properly attached to the case, the MiniDisc may not be recognized by the unit.

Do not store discs in places with high temperature or humidity. Store discs in a cool, dry place. Otherwise, the MiniDisc may deform or become difficult to insert into the unit.

If you store discs in a closed place, it may cause warping.

What is a MiniDisc?

Wiring with other equipment

Listening through a car stereo

On a cassette tape

When you want to listen to a disc using a separate stereo system or radio car.

Plug the accessory adapter to the MiniDisc.

Cable not included.

To the stereo unit.

To the car jack.

Adaptor available.

The separately available cassette deck.

Use your car's stereo.

If not working, depending on your car's stereo.

For use with car stereo.
MINIDISC SYSTEM LIMITATIONS

A mid-disc can be created in:

- Recording time.
- When the maximum number of tracks is reached no new tracks can be added.
- When the maximum number of minutes has been reached or no-

The middle of a track...

A track may not be deleted.

A track may not show an increase.

The record number of tracks is reduced.

The number of tracks used in recording is reduced.

The number of tracks played in recording is reduced.

The number of tracks that can be created in recording is reduced.

The number of tracks that are skipped.

The number of tracks that have been skipped.

The number of tracks that are being skipped.

The number of tracks that are played in recording is reduced.

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The number of tracks that are skipped.
MEMO

Unmeasurable (less than +0.1% W peak)

and then recorded.

4 Hz to 25 kHz and 48 kHz signals are converted to 44.1 kHz.

Audio modulation overload mode

and then recorded.

Audio High Frequency (AFC) (achieved Cross Interference Free-Set-Box Power) 2000 Hz - 20 Hz

Approx 400 - 900 rpm

Frequency response:

20 - 20,000 Hz (±3 dB)

Stereo 2 channel/motorized (long-play mode 1 channel)

Non-contact 3-pear semiconductor laser pickup

Portable Midsize Recorder

Headphones (impedance: 15 ohms)

Input jack:

Output jack:

Weight:

Dimensions:

Input sensitivity:

The continuous recording light is for analoging the volume level is set to VOL 15.

The continuous recording light is for analoging the volume level is set to VOL.