

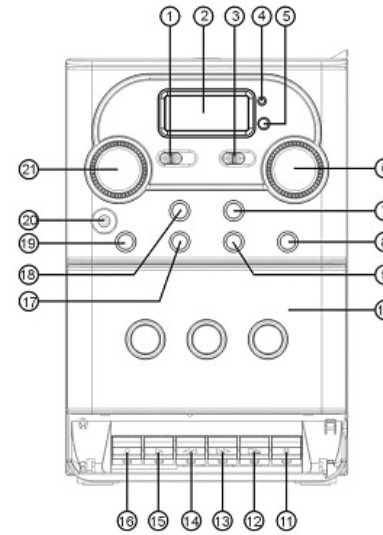
**MICRO HIFI SYSTEM WITH
TOP LOADING CD PLAYER,
DIGITAL READOUT MW/FM RADIO,
AUTOSTOP CASSETTE DECK AND
REMOTE CONTROL**

Instruction manual

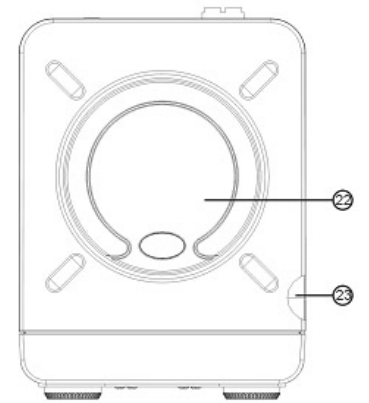


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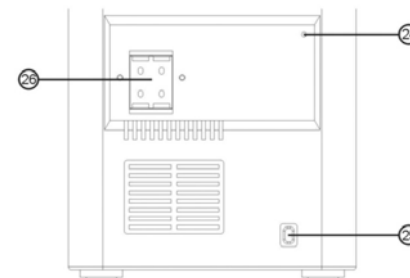
Front



Top



Rear



WARNINGS

The exclamation point within the triangle is a warning sign alerting the user of important instructions accompanying the product.



The lightning flash with arrowhead symbol within the triangle is a warning sign alerting the user of "dangerous voltage" inside the unit.



To reduce the risk of electric shock, do not remove the cover. No user serviceable parts inside the unit. Refer all servicing to qualified personnel.



This unit employs a laser. Only a qualified service person should remove the cover or attempt to service this device, due to possible eye injury.



Invisible laser radiation when the unit is opened or interlocks defeated. Avoid exposure to laser beam. Use of controls, adjustments or procedures other than those specified herein may result in hazardous radiation exposure.

230v~

This unit operates on 230V ~ 50Hz. If the unit is not used for a long period of time, remove the plug from the AC mains.



This unit must not be exposed to moisture or rain.



The power switch in this unit is mounted on the secondary circuit and does not disconnect the whole unit from the mains in OFF position.



Ensure all connections are properly made before operating the unit.



This unit should be positioned so that it is properly ventilated. Avoid placing it, for example, close to curtains, on the carpet or in a built-in installation such as a bookcase.



Do not expose this unit to direct sunlight or heat radiating sources.



Correct Disposal of This Product
(Waste Electrical & Electronic Equipment)

This marking shown on the product or its literature, indicates that it should not be disposed with other household wastes at the end of its working life. To prevent possible harm to the environment or human health from uncontrolled waste disposal, please separate this from other types of wastes and recycle it responsibly to promote the sustainable reuse of material resources.

HIF-8512DRC

Micro Hifi System with Compact Disc Player, MW/FM-stereo radio, Autostop Cassette Player and Remote Control.

INSTRUCTION MANUAL

Please read this instruction manual carefully and familiarize yourself with your new HiFi system before using it for the first time. Please retain this manual for future reference.

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Household users should contact either the retailer where they purchased this product, or their local government office, for details of where and how they can take this item for environmentally safe recycling.

Business users should contact their supplier and check the terms and conditions of the purchase contract. This product should not be mixed with other commercial wastes for disposal.

LOCATION OF CONTROLS

- 1 Function Selector (RADIO/TAPE-OFF/CD)
- 2 LCD Display
- 3 Band Selector (MW/FM/FMST)
- 4 FM / ST control lamp
- 5 IR Sensor
- 6 Tuning Control
- 7 CD Stop Button
- 8 CD UP-SKIP + button
- 9 CD DOWN-SKIP - button
- 10 Cassette Compartment
- 11 Tape Pause Button
- 12 Tape Stop / Eject Button
- 13 Tape Fast Forward Button
- 14 Tape Rewind Button
- 15 Tape Play Button
- 16 Tape Record Button
- 17 CD RANDOM Button
- 18 CD PLAY / PAUSE Button
- 19 CD REPEAT/PROGRAM Button
- 20 Headphone Connection
- 21 Volume Control
- 22 CD Compartment
- 23 CD Open / Close corner
- 24 FM wire antenna
- 25 Power Supply
- 26 Speaker connectors

CONNECTING TO POWER

Before switching on make sure that the voltage of your electricity supply is the same as that indicated on the rating plate.

For your own safety read the following instructions carefully before attempting to connect this unit to the mains.

MAINS (AC) OPERATION

This unit is designed to operate on AC 230V 50Hz current only. Connecting it to other power sources may damage the unit.

CAUTION

To prevent electric shock disconnect from the mains before removing cover. No user serviceable parts inside. Refer servicing to qualified service personnel.

SAFETY PRECAUTION

Do not allow this unit to be exposed to rain or moisture.

Mains Supply: 230V 50Hz - AC only



This symbol means that this unit is double insulated. An earth connection is not required.

POWER SUPPLY

Remove the stereo carefully from the box, retaining the packaging for future use.

AC POWER OPERATION

Connect the plug to a mains power inlet 230V AC ~ 50 Hz.

CONNECTIONS

SPEAKER CONNECTION

Connect each speaker to the corresponding speaker terminals (26) on the back of the system. Ensure that the left speaker is connected to the left pair of terminals, and the right speaker to the right pair of terminals.

MW/FM TUNER

OPERATION

- Set the Function Selector (1) to the RADIO position.
- Select the desired frequency band with the Band Selector (3).
- Tune to the desired radio station by turning the Tuning control (6).
- Set the Function Selector (1) to the TAPE position to switch the radio off.

ANTENNA

- For FM reception there is a built-in FM antenna wire (24) at the rear of the unit. Move the wire around to obtain the best reception.
- For MW reception the signals are picked up through a built-in ferrite antenna. You may have to orient the unit to obtain the best reception.

FM & FM-STEREO RECEPTION

- Stereo reception is possible when the tuned FM station is broadcasting in stereo.
- When in FM STereo mode (3) and the station is broadcasting in Stereo, the FM-ST indicator (4) lights up.
- When FM stations are weak and are disturbed, listening can be improved by switching the Band selector (3) to FM (Mono). Reception will then be in MONO.

CASSETTE OPERATION

INSERTION AND REMOVAL OF CASSETTES

- Open the cassette buttons cover
- Press the Stop/Eject (12) Button to open the Cassette Door.
- Slip your cassette tape into the holder, with the exposed section downward and the playback side facing you.
- Close the Cassette Door securely before starting.
- When finished, press the Stop/Eject button to open the Cassette Door, and retrieve your cassette tape.

PLAYBACK

- Set the FUNCTION Selector (1) to the TAPE position.
- Insert your cassette tape.
- Press the Play button (15) to active playback.
- Use the Pause button (11) whenever you want to suspend playback.
- Press the Stop/Eject button (12) to stop playback.

TO RECORD ON A CASSETTE

- This unit has Automatic Level Control circuitry. This means that the recording level is set automatically. The volume control will not affect the recording.
- Record Key will not be pressed down when the record prevention tab is broken or removed from the tape.

RECORDING FROM THE RADIO

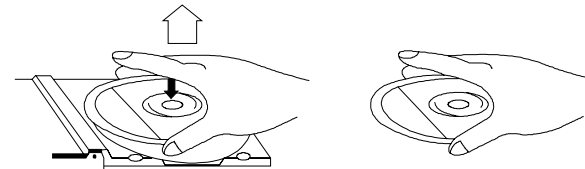
- Set the Function Selector (1) to the RADIO position.
- Tune in your station and put in your cassette tape.
- Press the Record Key (16) and the Play Key (15) at the same time to start recording.
- Press the Stop/Eject Key (12) when finished.

RECORDING FROM CD

- Set the Function Selector (1) to the CD position and insert a disc and close CD compartment.
- Press the Pause key (11) then press the Record Key (16) and the Play Key (15) at the same time.
- Press the CD Play / Pause button (18) and immediatly repress the Pause key (11).
- To stop recording, press the Stop button (7) of the CD player. Then press the Stop / Eject (12) button of the cassette deck.

HANDLING COMPACT DISC

- To remove a disc from its storage case, press down on the centre of the case and lift the disc out, holding it carefully by the edges.



- Fingerprints and dust should be carefully wiped off the disc's recorded surface with a soft cloth. Unlike conventional records, compact discs have no grooves to collect dust and microscopic debris so gently wiping with a soft cloth should remove most particles. Wipe in a straight line from the inside to the outside of the disc. Small dust particles and light stains will have absolutely no effect on reproduction quality.
- Never use chemicals such as record sprays, antistatic sprays, benzine, or thinners to

clean compact discs. These chemicals can irreparably damage the disc's surface.

- Discs should be returned to their cases after use. This avoids serious scratches that could cause the Laser pickup to skip.
- Do not expose discs to direct sunlight, high humidity, or high temperatures for extended periods. Long exposure to high temperatures can warp the disc.
- Do not stick paper or write anything with a ballpoint pen on the label side of the disc.

COMPACT DISC OPERATION

LOADING AND UNLOADING COMPACT DISCS

- Set the Function Selector (1) to the CD Position.
- Open the disc compartment by lifting the CD OPEN corner (23).
- When the disc compartment has opened, remove a disc from its case and place it carefully in the compartment with the label side facing up. Locate smaller, 3" discs, in the centre depression of the compartment.
- Close the disc compartment.

When the compartment is fully closed, the disc will start turning automatically. The total number of tracks of the CD will appear on the LCD display (2).

CAUTION

- Do not put anything except a compact disc into the compartment. Foreign objects can damage the mechanism.
- Keep the disc compartment closed when not in use to prevent dirt and dust from entering the mechanism.
- Never place more than one disc into the disc compartment at any time.
- If the disc is correctly loaded, the following information will be displayed:

Total number of tracks on the disc

Notes: After the disc compartment is fully closed, the disc information may not appear on the display. This means that the disc is improperly loaded (most likely it is upside down). To check, open the disc compartment again and reload the disc.

NORMAL DISC PLAY

- Open the disc compartment by lifting the CD OPEN corner (23) and load a CD.
- Close the disc compartment.
- Press the PLAY / PAUSE button (18). The disc play will begin from the start of the first track of the disc.
- A particular track can be selected using either the CD Skip buttons (8,9). If this is done before pressing the PLAY / PAUSE (18) button, disc play will start with the selected track when the PLAY / PAUSE button is pressed.

- At the end of the disc, the unit will switch to stop mode.

Notes: If the disc is deeply scratched, or too dirty, disc play may not start.

If on improperly centred disc is played, noise can be heard in the mechanism. The use of such discs should be avoided.

IMPORTANT INFORMATION

This compact disc player has built-in error compensation circuits to correct for minor defects in a disc.

There are limits, however, to the amount of correction available.

In some cases, the CD player may skip some tracks on a disc during disc play. This problem may be caused by defects (such as scratches) in the disc being played, which are too large for the error compensation circuits to handle. If you encounter this problem, check the CD player's operation as follows, before having the unit serviced:

Play a new disc. If the CD player operates normally, the skipping problem is probably due to a defective disc.

TO STOP A CD PART WAY THROUGH

- Press the Stop button (7). Disc play will stop and the display will show the total number of tracks for the CD.
- To temporarily stop disc play (pause mode), press the Play / Pause button. Disc play will pause at the current play position. The Play/Pause indicator (▶) will flash on the display.
- To resume disc play, press the Play/Pause (18) button again.

TRACK SKIP

STARTING DISC PLAY FROM THE BEGINNING OF A PARTICULAR TRACK

- Press the Forward or Reverse Skip / Search Track button (8,9) to select the desired track. The number of the selected track will be shown on the CD display. Press the Play/Pause button to start play.

TO SKIP TO THE NEXT TRACK ON A DISC

- Press the Forward Skip / Search Track button (8) once. Disc play will resume at the beginning of the next track.
The CD player will skip ahead to the next track each time the Forward Skip / Search Track button is pressed. Continuously pressing the Forward Skip / Search Track button makes the CD player skip ahead through the disc track by track. Once the beginning of the last track is reached the CD player will not advance any further.

TO SKIP BACK TO THE PREVIOUS TRACK ON A DISC

- Press the Reverse Skip / Search Track button (9). If this button is pressed in the middle of a track, the CD player will skip back to the beginning of that track. To make it skip back to the previous track press the Reverse Skip / Search Track button (9) twice. Continuously pressing the Reverse Skip / Search Track button makes the CD player skip back through the disc track by track. Once the beginning of the first track is reached, the CD player will not go back any further.

Notes: Tracks can be selected even when the disc compartment is open. However if a track number is selected that is not present on the CD, disc play will start from the beginning of the last track.

MANUAL SEARCH

- During playback, pressing the Forward or Reverse Skip / Search (8,9) button will cause the player to scan through the current track. At the end of a track the player will skip to the next track and continue scanning. At the beginning of a track the player will skip to the previous track and continue scanning.
- When the player reaches the end of the final track, or the beginning of the first track, it will stop scanning.

PROGRAMMED DISC PLAY

It is not possible to enter programs during disc play. Press the Stop button (7) first, then follow the instructions below.

Press the REPEAT/PROG. button (19). "01" and "PROGRAM" will blink on the LCD display.

Press the Forward and Reverse Skip Track buttons (8,9) to select the track to be stored in position 1.

Press the PROGRAM button (19). The first program selection is now stored in the program memory 1.

Select the next track to be programmed using the Forward and Reverse Skip Track (8,9) buttons.

Press the PROGRAM button (19) to store this track.

Continue entering tracks in this way until all the desired tracks are stored (up to a limit of 20).

When the PROGRAM button (19) is pressed to store the 20th track, the display will return to the 1st program location. Press the PROGRAM button (19) to step through the program locations.

Listening to Programmed Tracks

Press the Play Pause button (18). Disc play will start at the beginning of the first programmed track.

To Clear The Program Memory

If the disc is playing, press the Stop button (7) to stop the disc.

Switch the Function (1) selector to a different position (TAPE or RADIO) to clear the Program.

REPEAT DISC PLAY

Use the REPEAT/PROG. button (19) to listen to an entire disc or one track repetitively.

For repeat play of one track

Press the Play/Pause button (18), then press the Repeat button once.

The "REPEAT" indicator will appear in the display.

Select the desired track by pressing the Forward or Reverse Skip Track buttons (8,9). The selected track will be shown on the CD display.

The selected track will then begin playing through to its end. At which point it will automatically return to the beginning of that track. This will continue until the Stop button (7) is pressed. If the REPEAT button (19) is pressed twice more, the Repeat indicator will go off, Repeat play will end, and normal disc play will resume from that point.

When the selected track has finished playing, the CD play will Stop.

For repeat disc play of all the tracks on the CD

Press the Play/Pause button (18), then press the Repeat button (19) twice.

The "REPEAT ALL" indicator will appear in the display.

The disc will then begin playing through to the end of the last track. At which point it will automatically return to the beginning of the first track. This will continue until the Stop button (7) is pressed.

If the REPEAT button (19) is pressed once more, the Repeat indicator will be cancelled, repeat play will end, and normal disc play will resume from that point.

When the last track has finished playing, the CD player will then Stop.

RANDOM PLAY

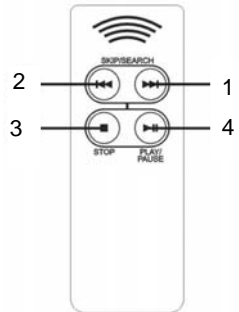
Press the RANDOM BUTTON (17). The RANDOM indicator appears in the display. The random track sequence will begin playback after the current track has ended.

REMOTE CONTROL UNIT

PREPARATION BEFORE USE

1. Remove the battery cover from the back of the remote control unit.
2. Insert a CR2032 (3V) size battery (included). Insert the battery with the + and - terminals matching the indication inside the battery compartment.
3. Replace the cover.

1. SKIP/SEARCH FORWARD BUTTON
2. SKIP/SEARCH BACK BUTTON
3. STOP BUTTON
4. PLAY/PAUSE BUTTON



BATTERY REPLACEMENT

When the remote control operation becomes unstable or the distance from which remote control is possible becomes shorter, replace the battery with new one.

USING THE REMOTE CONTROL UNIT

- To use remote control unit, point it at the remote sensor (5) and press the button gently and firmly. Remote control is possible within about 5m (approx. 16FT). However, since the remote control range is less when the unit is used at an angle, use directly in front of the remote sensor, as far as possible.
- Do not expose the remote sensor to strong light (direct sunlight or artificial lighting) and make sure that there are no obstacles between the remote sensor and the remote control unit.

HEADPHONES

This unit will accept Stereo headphones (not included) with a 3.5mm plug and an impedance of 8 ohms or greater.

The speakers are automatically disconnected when headphones are connected to the PHONES JACKS (20).

IMPORTANT

Since movement of the CD mechanism and the sensitive circuitry may cause interference to a radio tuner nearby switch this unit off while operating other radio devices. This product utilizes a laser

Danger - Invisible laser radiation when opened and interlock failed or defeated. Avoid direct exposure to the beam.

Caution - Use of controls, adjustments, or procedures not listed in this manual may result in hazardous radiation exposure.

Concerning Compact Discs

Only compact discs identified with this mark can be used with this player.



SPECIFICATIONS

Power Supply

AC: 230V ~ 50Hz

Radio Frequency Coverage

FM: 87.5 - 108MHz

MW: 540 - 1600kHz

Recording System

Recording System: AC Bias

Erasing System: Magnetic Erase

CD Player

Pick Up: 3-Beam. Semiconductor Laser

Encoding: 16-Bit Linear, 2 x oversampling

Design and specifications are subject to change without notice.