

Mini HI-FI Component System

Operating Instructions
MHC-EC98Pi/EC78Pi/
EC68Pi



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<http://www.sony.net/>

WARNING

To reduce the risk of fire or electric shock, do not expose this apparatus to rain or moisture.

To prevent fire, do not cover the ventilation of the apparatus with news papers, table-cloths, curtains, etc. And don't place lighted candles on the apparatus.

To prevent fire or shock hazard, do not place objects filled with liquids, such as vases, on the apparatus.

Install this system so that the power cord can be unplugged from the wall socket immediately in the event of trouble.

Do not install the appliance in a confined space, such as a bookcase or built-in cabinet.

Batteries or batteries installed apparatus shall not be exposed to excessive heat such as sunshine, fire or the like.

Except for customers in the U.S.A. and Canada



This appliance is classified as a CLASS 1 LASER product. This marking is located on the rear exterior.

NOTICE FOR THE CUSTOMERS IN THE U.S.A.



CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK). NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.



This symbol is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.



This symbol is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

Owner's Record

The model and serial numbers are located on the rear of the unit. Record the serial number in the space provided below. Refer to them whenever you call upon your Sony dealer regarding this product.

Model No. _____
Serial No. _____

CAUTION

The use of optical instruments with this product will increase eye hazard.

WARNING

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

CAUTION

You are cautioned that any changes or modifications not expressly approved in this manual could void your authority to operate this equipment.

Note on DualDiscs

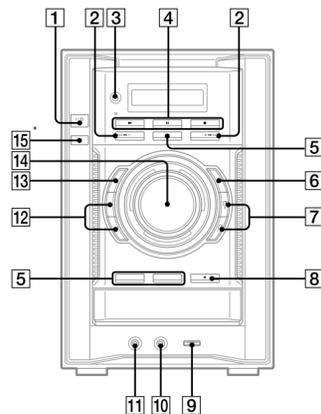
A DualDisc is a two sided disc product which mates DVD recorded material on one side with digital audio material on the other side. However, since the audio material side does not conform to the Compact Disc (CD) standard, playback on this product is not guaranteed.

Music discs encoded with copyright protection technologies

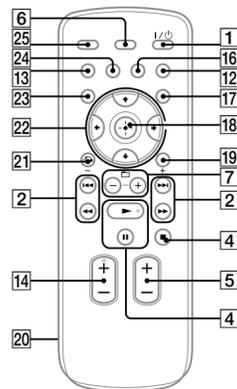
This product is designed to playback discs that conform to the Compact Disc (CD) standard. Recently, various music discs encoded with copyright protection technologies are marketed by some record companies. Please be aware that among those discs, there are some that do not conform to the CD standard and may not be playable by this product.

MPEG Layer-3 audio coding technology and patents licensed from Fraunhofer IIS and Thomson.

Basic Operations



* MHC-EC98Pi only



This manual mainly explains operations using the remote, but the same operations can also be performed using the buttons on the unit having the same or similar names.

Adjusting the sound

To adjust the volume

Press VOLUME +/- (or turn the VOLUME control on the unit) [14].

To add a sound effect

To	Press
Generate a more dynamic sound (Dynamic Sound Generator X-tra)	DSGX [12] on the unit.
Set the sound effect	EQ [12].

To turn on the subwoofer (MHC-EC98Pi only)

Press SUBWOOFER ON/OFF [15] on the unit until "SUBWOOFER" appears. The volume of the subwoofer is linked to the front speakers.

Playing a CD/MP3 disc

1 Select the CD function.

Press FUNCTION +/- (or FUNCTION on the unit) [5] repeatedly.

2 Place a disc.

Press ▲ (open/close) [8] on the unit, and place a disc with the label side up on the disc tray.

To close the disc tray, press ▲ (open/close) [8] on the unit.

Do not force the disc tray closed with your finger, as this may damage the unit.



3 Start playback.

Press ► (play) [4].

To	Press
Pause playback	⏸ (pause) [4]. To resume play, press the button again.
Stop playback	■ (stop) [4].
Select a folder on an MP3 disc	📁 +/- (select folder) [7].
Select a track or file	⏮ ⏪ ⏩ ⏭ (go back/go forward) (or ⏮ ⏪ ⏩ ⏭ on the unit) [2].
Find a point in a track or file	Hold down ⏮ ⏩ (rewind/fast forward) [2] during playback, and release the button at the desired point.
Select Repeat Play	REPEAT [24] repeatedly until "REP" or "REP1" appears.

To change the play mode

Press PLAY MODE [13] repeatedly while the player is stopped. You can select normal play (no display or "📁") for all MP3 files in the folder on the disc, shuffle play ("SHUF" or "📁 SHUF" for folder shuffle), or program play ("PGM").

* When playing a CD-DA disc, 📁 (SHUF) Play performs the same operation as normal (SHUF) Play.

Notes on Repeat Play

- All tracks or files on a disc are played repeatedly up to five times.
- "REP1" indicates that a single track or file is repeated until you stop it.

Notes on playing MP3 discs

- Do not save other types of tracks or files or unnecessary folders on a disc that has MP3 files.
- Folders that have no MP3 files are skipped.
- MP3 files are played back in the order that they are recorded onto the disc.
- The system can only play MP3 files that have a file extension of ".MP3".
- If there are files on the disc that have the ".MP3" file extension, but that are not MP3 files, the unit may produce noise or may malfunction.
- The maximum number of:
 - folders is 150 (including the root folder).
 - MP3 files is 255.
 - MP3 files and folders that can be contained on a single disc is 300.
 - folder levels (the tree structure of files) is 8.
- Compatibility with all MP3 encoding/writing software, recording device, and recording media cannot be guaranteed. Incompatible MP3 discs may produce noise or interrupted audio or may not play at all.

Notes on playing multisession discs

- If the disc begins with a CD-DA (or MP3) session, it is recognized as a CD-DA (or MP3) disc, and playback continues until another session is encountered.
- A disc with a mixed CD format is recognized as a CD-DA (audio) disc.

Listening to the radio

1 Select "TUNER FM" or "TUNER AM."

Press FUNCTION +/- (or FUNCTION on the unit) [5] repeatedly.

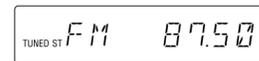
2 Select the tuning mode.

Press TUNING MODE [13] repeatedly until "AUTO" appears.

3 Tune in the desired station.

Press +/- (or TUNING +/- on the unit) [2].

Scanning stops automatically when a station is tuned in, and then "TUNED" and "ST" (for stereo programs) appear.



To stop automatic scanning

Press ■ (stop) [4].

To tune in a station with a weak signal

If "TUNED" does not appear and the scanning does not stop, press TUNING MODE [13] repeatedly until "MANUAL" appears, and then press +/- (or TUNING +/- on the unit) [2] repeatedly to tune in the desired station.

To reduce static noise on a weak FM stereo station

Press FM MODE [24] repeatedly until "MONO" appears to turn off stereo reception.

Changing the display

To	Press
Change information on the display*	DISPLAY [6] repeatedly when the system is turned on.
Change Display mode (See below.)	DISPLAY [6] repeatedly when the system is turned off.

- * For example, you can view CD/MP3 disc information, such as:
- track or file number during normal play.
 - track or file name ("📁") during normal play.
 - artist name ("👤") during normal play.
 - album or folder name ("📁") during normal play.
 - total playing time while the player is stopped.

The system offers the following display modes.

Display mode	When the system is off,
Power Saving Mode ¹⁾	The display is turned off to conserve power. The timer and clock continue to operate.
Clock ²⁾	The clock is displayed.

¹⁾ You cannot set the clock in Power Saving Mode.
²⁾ The clock display automatically turns to Power Saving Mode after eight seconds.

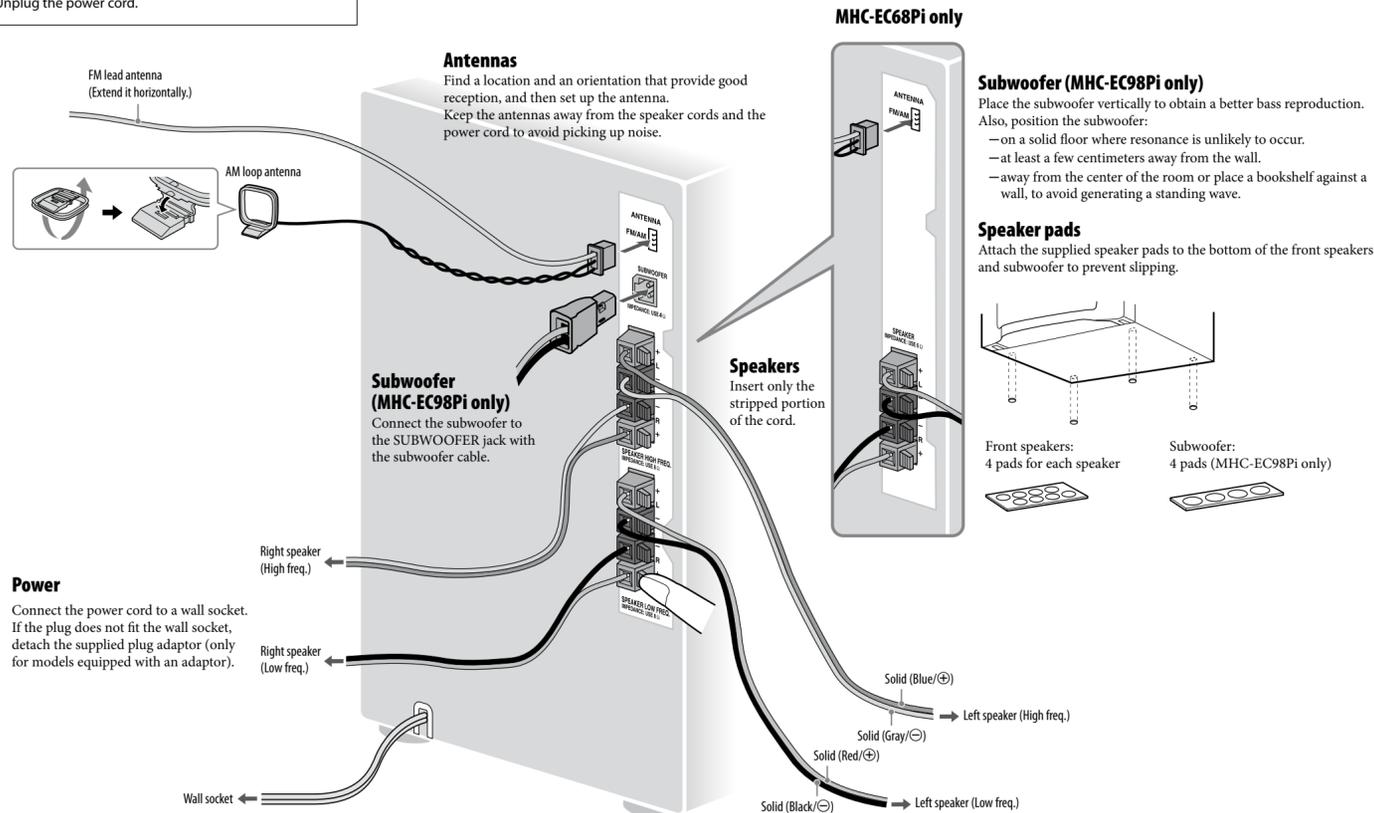
Notes on the display information

- Characters that cannot be displayed appear as " _".
- The following are not displayed:
 - total playing time for an MP3 disc.
 - remaining playing time for an MP3 file.
- The following are not displayed correctly:
 - clamped playing time of an MP3 file encoded using VBR (variable bit rate).
 - folder and file names that do not follow either ISO9660 Level 1, Level 2 or Joliet in the expansion format.
- The following are displayed:
 - total playing time for a CD-DA disc during normal play.
 - remaining playing time for a track.
 - ID3 tag information for MP3 files when ID3 version 1 and version 2 tags are used (ID3 version 2 tag information display has priority when both ID3 version 1 and version 2 tags are used for a single MP3 file).
 - up to 15 characters of ID3 tag information using uppercase letters (A to Z), numbers (0 to 9), and symbols (< > * + - / @ [\] _).

Hooking up the system securely

When carrying this system

- 1 Remove a disc to protect the CD mechanism.
- 2 Press I/⏻ [1] on the unit to turn off the system and confirm that "STANDBY" stops flashing.
- 3 Unplug the power cord.



Power

Connect the power cord to a wall socket. If the plug does not fit the wall socket, detach the supplied plug adaptor (only for models equipped with an adaptor).

MHC-EC68Pi only

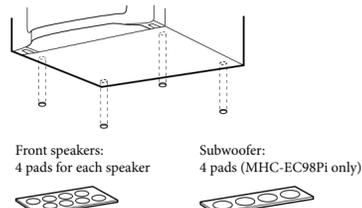
Subwoofer (MHC-EC98Pi only)

Place the subwoofer vertically to obtain a better bass reproduction. Also, position the subwoofer:

- on a solid floor where resonance is unlikely to occur.
- at least a few centimeters away from the wall.
- away from the center of the room or place a bookshelf against a wall, to avoid generating a standing wave.

Speaker pads

Attach the supplied speaker pads to the bottom of the front speakers and subwoofer to prevent slipping.



Front speakers: 4 pads for each speaker
Subwoofer: 4 pads (MHC-EC98Pi only)

