

Micro Hi-Fi Component System

Operating Instructions



CMT-RB5

WARNING

To prevent fire or shock hazard, do not expose the unit to rain or moisture.

To avoid electrical shock, do not open the cabinet. Refer servicing to qualified personnel only.

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



This appliance is classified as a CLASS 1 LASER product.

The CLASS 1 LASER PRODUCT MARKING is located on the rear exterior.

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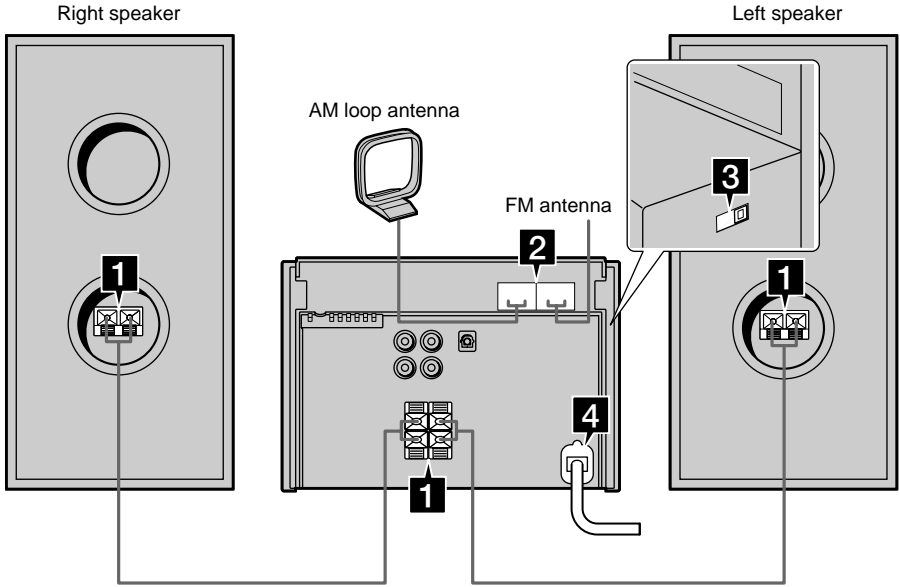
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* North American and European models only

** European model only

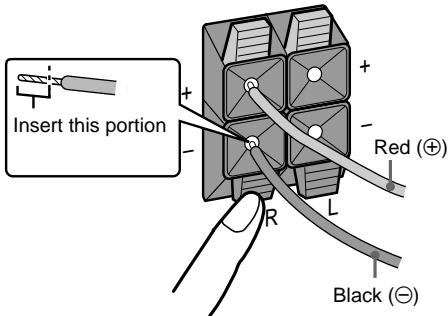
Step 1: Hooking up the system

Perform the following procedure **1** to **4** to hook up your system using the supplied cords and accessories.

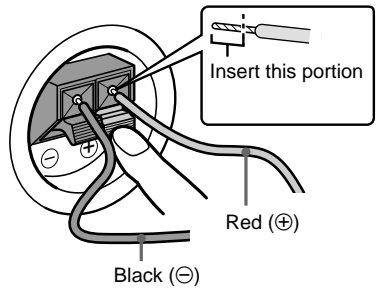


- 1** Connect the speakers.
Connect the speaker cords to the SPEAKER terminals as shown below.

Main unit



Speaker

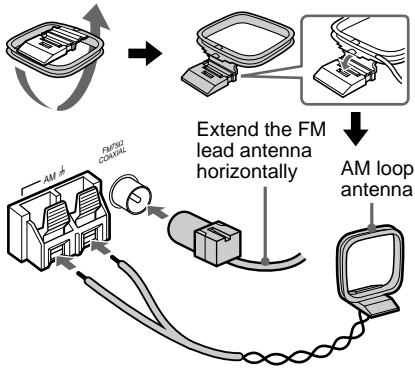


Note

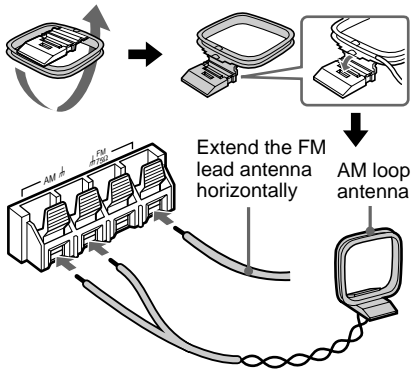
Keep the speaker cords away from the antennas to prevent noise.

- 2** Connect the FM/AM antennas.
Set up the AM loop antenna, then connect it.

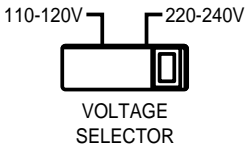
Jack type ①



Jack type ②

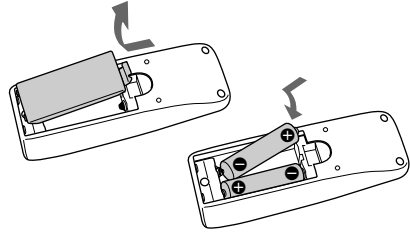


- 3** For models with a voltage selector, set **VOLTAGE SELECTOR** to the local power line voltage.



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

Inserting two size AA (R6) batteries into the remote



Tip

With normal use, the batteries should last for about six months. When the remote no longer operates the system, replace both batteries with new ones.

Notes

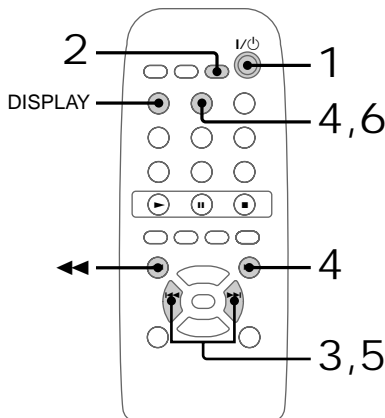
- If you do not use the remote for a long period of time, remove the batteries to avoid possible damage from battery leakage.
- Be sure to insert the batteries in correct direction.
- Do not mix new batteries with old ones.
- Do not use different types of batteries together.
- Do not use a battery that is leaking.
- If the battery leaks, clean the battery compartment and replace all the batteries with new ones.

Step 2: Setting the time

You must set the time beforehand to use the timer functions.

The clock is on a 24-hour system for the European model, and a 12-hour system for other models.

The 24-hour system is used for illustration purposes.



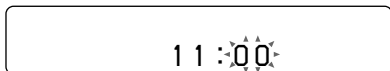
1 Turn on the system.

2 Press **CLOCK/TIMER SET**.
The clock appears and the hour indication flashes.



3 Press **◀◀/▶▶** to set the hour.

4 Press **ENTER** or **▶▶**.
The minute indication flashes.



5 Press **◀◀/▶▶** to set the minute.

6 Press **ENTER**.
The clock starts.

If you made a mistake

Press **◀◀/▶▶** repeatedly until the incorrect item flashes, then set it again.

To change the preset time

You can change the preset time while the system is off.

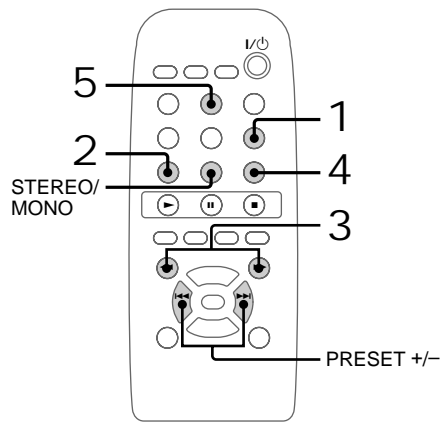
- 1 Press **DISPLAY** to display the clock.
- 2 Press **CLOCK/TIMER SET**.
- 3 Repeat steps 3 to 6 of "Setting the time."

Tips

- The upper dot of the colon flashes for the first 30 seconds, and the lower dot flashes for the last 30 seconds of each minute.
- Each time you press **DISPLAY** while the system is off, the display switches between no display and the clock display.

Step 3: Presetting radio stations

You can preset up to 30 stations, 20 for FM and 10 for AM.



1 Press TUNER/BAND to select “FM” or “AM.”
Pressing TUNER/BAND turns on the system.

2 Press MODE repeatedly until “AUTO” appears.



3 Press TUNING +/-.
The frequency indication changes and the scanning stops when the system tunes in a station. “TUNED” and “STEREO” (for a stereo program) appear.

4 Press MEMORY.
A preset number flashes in the display. The stations are stored from preset number 1.



5 Press ENTER.
“COMPLETE !!!” appears, and then the station is stored.

6 Repeat steps 1 to 5 to preset other stations.

To stop scanning
Press MODE.

To tune in a station with a weak signal
Press MODE repeatedly until “MANUAL” appears in step 2, then press TUNING +/- repeatedly to tune in the station manually.

To set another station to an exist preset number
Start over from step 1. After step 4, press PRESET +/- repeatedly to select the preset number that you want to overwrite to. And then, press ENTER.

continued

Step 3: Presetting radio stations (continued)

To erase a preset station

- 1 Press down MEMORY until “ERASE” and a preset number appear in the display.
- 2 Press PRESET +/- repeatedly to select the preset number that you want to erase.
Select “ALL ERASE” when you want to erase all the preset stations.
- 3 Press ENTER.
“COMPLETE !!” appears.

When you erase a preset number, the preset number decreases by one and all preset numbers following the erased one are renumbered.

To change the AM tuning interval (except for the European model)

The AM tuning interval is factory-set to 9 kHz (10 kHz in some areas). To change the AM tuning interval, tune in any AM station first, then turn off the system. While pressing down the $\triangleright \triangleright \triangleright \triangleright \parallel$ button on the unit, turn the system back on. When you change the interval, all the AM preset stations are erased. To reset the interval, repeat the same procedure.

Tips

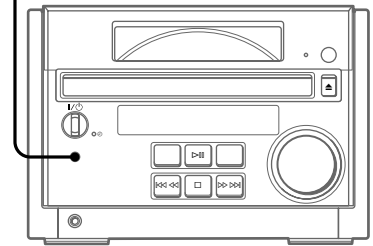
- The preset stations are retained for about a day even if you disconnect the power cord or if a power failure occurs.
- When an FM stereo program has static noise, press STEREO/MONO until “MONO” appears in the display. There will be no stereo effect, but the reception will improve. Press the button again to restore the stereo effect.

Saving the power in standby mode

(North American and European models only)

You can lower the power consumption to a minimum and save energy in the standby mode. The system is set at the factory not to display the clock when the system is off (**Power Saving Mode**). To display the clock even when the system is off, deactivate the Power Saving Mode.

DISPLAY



- ➔ Press DISPLAY when the system is off.
The system switches off the Power Saving Mode and the clock appears.

To activate Power Saving Mode
Press DISPLAY.

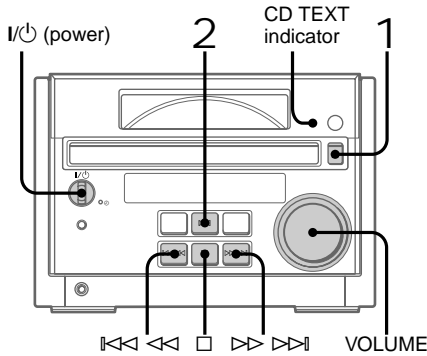
The clock disappears.

Tip

Each time you press DISPLAY in the standby mode, the display switches between the Power Saving Mode and the clock display.

Playing a CD

To turn on the system, press I/⏻ (power).



To	Do this
Stop play	Press □.
Pause	Press ▷◁. Press again to resume play.
Select a track	Press ⏮ ⏪ ▷◁ ▷◁ repeatedly.
Find a point in a track	Press down ⏮ ⏪ ▷◁ ▷◁ during play and release it at the desired point. “-OVER-” appears at the end of the CD.
Remove the CD	Press ▲.
Adjust the volume	Turn VOLUME.

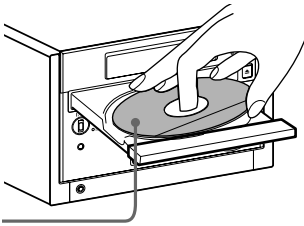
Tips

- If there is no CD in the player, “CD No Disc” appears in the display.
- Pressing ▷◁ when the system is off automatically turns on the system and starts CD play if there is a CD on the disc tray (**One Touch Play**).
- You can switch from another source to the CD player and start playing a CD just by pressing ▷◁ (**Automatic Source Selection**).
- You can start playing from the desired track in step 2.
 - 1 Press ⏮ ⏪ ▷◁ ▷◁ repeatedly until the desired track appears.
 - 2 Press ▷◁.

Notes

- Do not use a CD with tape, seals or paste on it as this may damage the CD player.
- Do not push the disc tray to close it, as this may damage the CD player. Press ▲ to close the disc tray.
- The disc cannot be viewed through the front window when a CD single (8 cm CD) is loaded.
- The characters printed on the CD appear upside down when viewed through the front window.

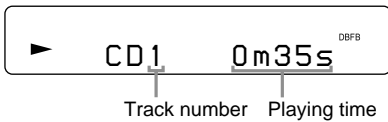
- 1 Press ▲ and place a CD on the disc tray.



With the label side up. When you play a CD single (8 cm CD), place it on the inner circle of the tray.

To close the disc tray, press ▲ again.

- 2 Press ▷◁.
- The disc tray closes and play starts.
The CD TEXT indicator lights up when the system detects a CD TEXT disc.

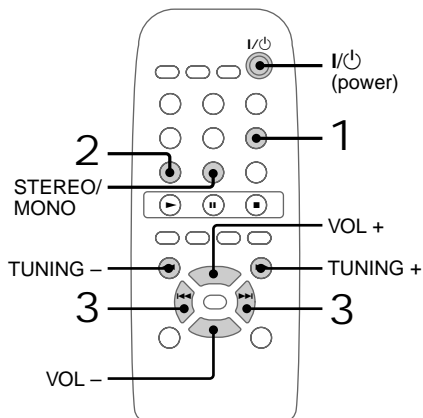


Listening to the radio

— Preset Tuning

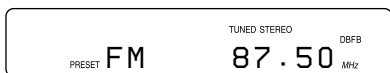
Preset radio stations in the tuner's memory first (see page 7).

To turn on the system, press I/⏻ (power).

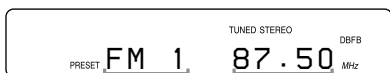


1 Press TUNER/BAND to select “FM” or “AM.”

2 Press MODE repeatedly until “PRESET” appears.



3 Press PRESET +/- to select the desired preset station.



Preset number Frequency (or RDS station name*)

When you preset only one station, “ONE PRESET” appears in the display.

* European model only

To	Do this
Turn off the radio	Press I/⏻ to turn off the system.
Adjust the volume	Press VOL +/- repeatedly

Listening to non-preset radio stations

- Press MODE repeatedly until “MANUAL” appears in step 2, then press TUNING +/- repeatedly to tune in the desired station (**Manual Tuning**).
- Press MODE repeatedly until “AUTO” appears in step 2, then press TUNING +/- . The frequency indication changes and the scanning stops when the system tunes in a station (**Automatic Tuning**).

To cancel Automatic Tuning

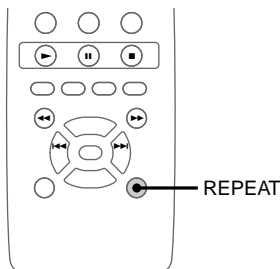
Press MODE.

Tips

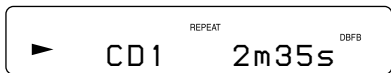
- Pressing TUNER/BAND when the system is off automatically turns on the system and tunes in the last received station (**One Touch Play**).
- You can switch from another source to the tuner just by pressing TUNER/BAND (**Automatic Source Selection**).
- To improve broadcast reception, adjust the supplied antennas, or connect a commercially available external antenna (see page 21).
- When an FM stereo program has static noise, press STEREO/MONO until “MONO” appears in the display. There will be no stereo effect, but the reception will improve. Press the button again to restore the stereo effect.

Playing CD tracks repeatedly — Repeat Play

You can repeat a CD in normal play, Shuffle Play and Program Play.



- ➔ Press REPEAT repeatedly during play until “REPEAT” or “REPEAT 1” appears.



REPEAT: For all the tracks on the CD.

REPEAT 1: For a single track only.

To cancel Repeat Play

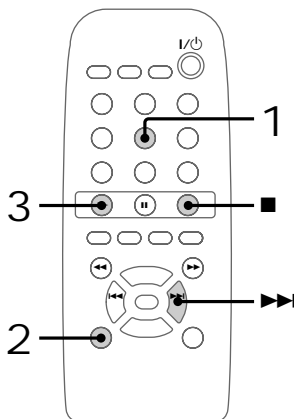
Press REPEAT repeatedly until “REPEAT” or “REPEAT 1” disappears.

Note

When “REPEAT” is selected, the CD player automatically stops after playing five times.

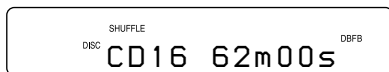
Playing CD tracks in random order — Shuffle Play

You can play all the tracks on a CD in random order.



- 1 Press CD to switch the function to CD.

- 2 Press PLAY MODE repeatedly until “SHUFFLE” appears.



- 3 Press ▶. Shuffle Play starts.

To cancel Shuffle Play in stop mode

Press PLAY MODE repeatedly until “SHUFFLE” and “PROGRAM” disappear.

Tip

To skip a track, press ►►.

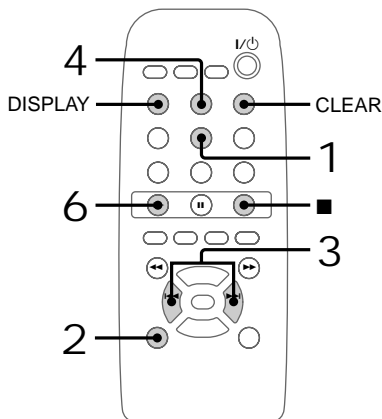
Note

The play mode cannot be changed while playing a disc. To change the play mode, press ■ first to stop play.

Programing CD tracks

— Program Play

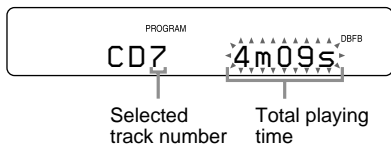
You can make a program of up to 25 tracks in the order you want them to be played.



1 Press CD to switch the function to CD.

2 Press PLAY MODE repeatedly until “PROGRAM” appears.

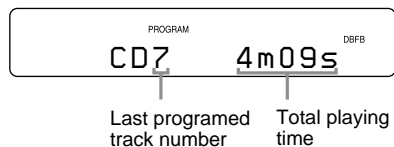
3 Press ◀▶/▶▶ repeatedly until the desired track number appears in the display.



4 Press ENTER.

The track is programmed.

“STEP” appears, followed by the selection number. The last programmed track number appears, followed by the total playing time of the program. If you have made a mistake, you can clear the last programmed track from the program by pressing CLEAR.



5 To program additional tracks, repeat steps 3 and 4.

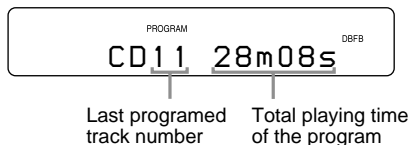
6 Press ▶.

Program Play starts.

All the tracks play in the order you selected.

To check the total number of programmed tracks

Press DISPLAY in stop mode. The total number of programmed steps appears, followed by the last programmed track number and the total playing time of the program.



To check the program order

Press ◀▶/▶▶ repeatedly during Program Play.

To	Do this
Cancel Program Play	Press ■, then press PLAY MODE repeatedly until “PROGRAM” and “SHUFFLE” disappear.
Add a track to the program (in stop mode)	Perform steps 3 and 4.

Tips

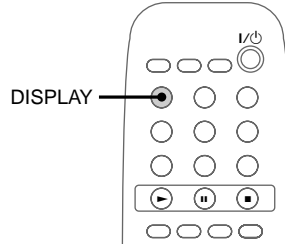
- The program you made remains after Program Play finishes. To play the same program again, press **▶**.
- “STEP FULL” appears when you try to program 26 or more tracks (steps).
- “--m--s” appears when the total CD program time exceeds 100 minutes, or when you select a CD track whose number is 21 or over.

Note

The play mode cannot be changed while playing a disc. To change the play mode, press **■** first to stop play.

Using the CD display

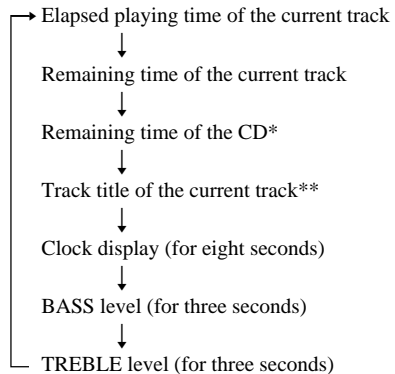
You can check the total number of tracks, the total playing time and the remaining time on the current track or on the CD. When a CD TEXT disc is loaded, you can check the information recorded on the disc, such as the titles or artist names.



➔ Press DISPLAY.

Each time you press the button during normal play or in stop mode, the display changes as follows:

During normal play

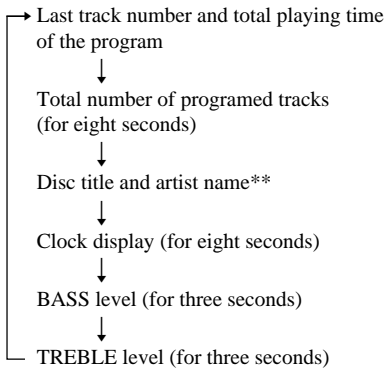


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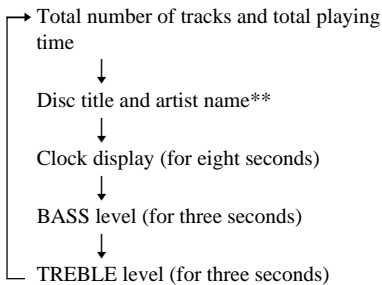
Using the CD display (continued)

In stop mode

During Program Play with a program



During other times

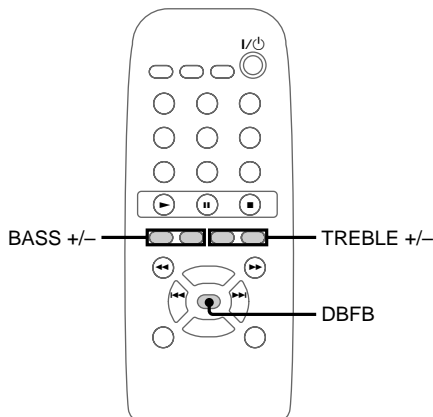


* "--m--s" appears during Program Play.

- ** • Only for CD TEXT discs (certain characters cannot be displayed). Depending on the disc, some CD TEXT information may not appear.
 - If the CD contains 21 or more tracks, CD TEXT information will not appear in the display for each track after the 21st.
 - After the title or name has scrolled across the display, the original display returns.
-

Adjusting the sound

Not only can you adjust the bass and treble, you can turn on the DBFB (Dynamic Bass Feedback) function to produce more powerful sound and enhanced bass.



Adjusting the treble

- ➔ Press **TREBLE +/-** repeatedly.
You can adjust the treble in 9 steps (from MIN to MAX).

Tip

You can enjoy the original sound by turning off the DBFB and setting **BASS** and **TREBLE** to 0.

Reinforcing the bass sound

- ➔ Press **DBFB**.
Each time you press the button, the display changes as follows:
DBFB ON
↕
DBFB OFF
“DBFB” appears in the display, when the DBFB is on.

Adjusting the bass

- ➔ Press **BASS +/-** repeatedly.
You can adjust the bass in 9 steps (from MIN to MAX).

Using the Radio Data System (RDS)

(European model only)

What is the Radio Data System?

Radio Data System (RDS) is a broadcasting service that allows radio stations to send additional information along with the regular program signal. RDS is available only on FM stations*.

Note

RDS may not work properly if the station you are tuned in is not transmitting the RDS signal properly or if the signal is weak.

* Not all FM stations provide RDS service, nor do they provide the same types of services. If you are not familiar with the RDS system, check with your local radio stations for details on RDS services in your area.

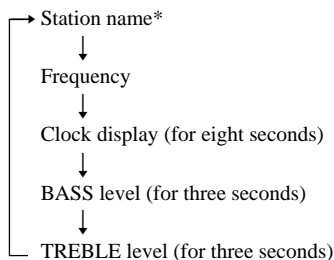
Receiving RDS broadcasts

➔ Simply select a station from the FM band.

When you tune in a station that provides RDS services, the station name appears in the display.

To check the RDS information

Each time you press DISPLAY, the display changes as follows:

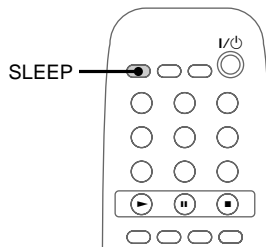


* If the RDS broadcast is not received, the station name may not appear in the display.

Falling asleep to music

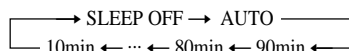
— Sleep Timer

You can set the system to turn off after a certain amount of time, so that you can fall asleep to music. You can preset the time to turn off in 10 minutes increments.



➔ Press SLEEP repeatedly to select a desired time.

Each time you press the button, the minute display (the remaining time) changes as follows:



“SLEEP” flashes in the display, except when “SLEEP OFF” is selected.

To check the remaining time

Press SLEEP once. However, the remaining time is not displayed when “AUTO” is selected.

To change the time to turn off

Select the time you want by pressing SLEEP.

To cancel the Sleep Timer function

Press SLEEP repeatedly until “SLEEP OFF” appears.

When you select "AUTO"

The system automatically turns off after the CD finishes playing (up to 100 minutes).

When the function is TUNER, the system turns off in 100 minutes.

Tip

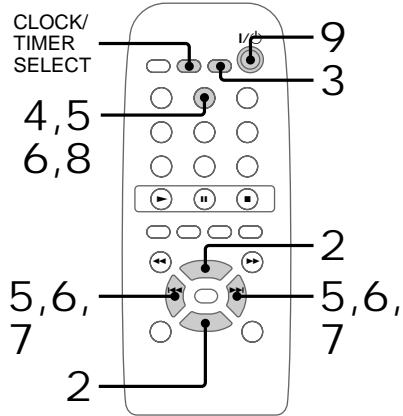
You can use the Sleep Timer, even if you have not set the clock.

Waking up to music

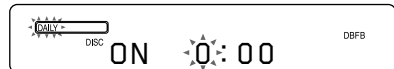
— Daily Timer

You can wake up to music at a preset time.

Make sure you have set the clock (see page 6).



- 1 Prepare the sound source you want to play.
 - CD: Place a CD. To start from a specific track, make a program (see page 12).
 - Radio: Tune in a station (see page 10).
- 2 Press VOL +/- repeatedly to adjust the volume.
- 3 Press CLOCK/TIMER SET.
"SET DAILY" appears.
"DAILY" and the ☉ indicator start flashing.
- 4 Press ENTER.
"ON" lights up, and the hour indication flashes.



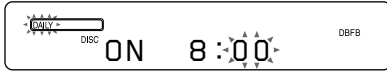
continued

Waking up to music (continued)

5 Set the time to start playing.

Press **◀◀/▶▶** repeatedly to set the hour, then press ENTER.

The minute indication flashes.



Press **◀◀/▶▶** repeatedly to set the minute, then press ENTER.

The hour indication flashes again.

6 Set the time to stop playing following the procedure in step 5.

7 Press **◀◀/▶▶** to select the desired sound source.

The display changes as follows:

TUNER
↑
CD PLAY

8 Press ENTER.

The start time, the stop time, and the sound source appear in turn, then the original display returns.

“DAILY” and the ☺ indicator light continuously.

9 Press **I/⏻** to turn off the system.

To change the setting

Start over from step 1.

To check the setting/activate the timer

1 Press CLOCK/TIMER SELECT.

2 Press **◀◀/▶▶** repeatedly until “SEL DAILY” appears, then press ENTER.

To cancel the timer

Press CLOCK/TIMER SELECT, then press **◀◀/▶▶** repeatedly until “TIMER OFF” appears. Then press ENTER.

Notes

- Do not perform any operation from the time the system is turned on until the time play starts (about 15 seconds before the preset time).
- If the system is on at the preset time, the set sound source starts playing.
- You cannot use the optional components connected to the MD/VIDEO (AUDIO) IN jack as the sound source for Daily Timer.

Connecting optional A/V components

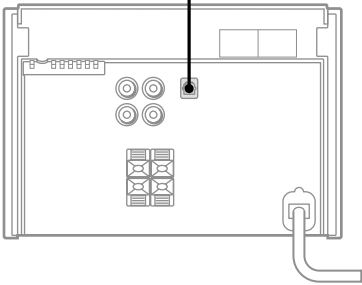
To enhance your system, you can connect optional components. Refer to the operating instructions of each component.

Connecting audio components

Connecting an MD deck for digital recording

You can record from CD into the MD deck digitally by connecting a commercially available optical cable.

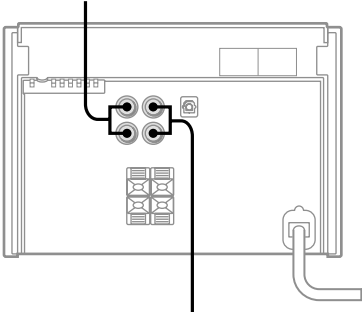
To the digital input connector on the MD deck



Connecting an MD deck for analog recording

You can connect an MD deck to the system with commercially available audio cords. Be sure to match the color-coded pins to the appropriate jacks. To listen to the MD deck after connecting it, press FUNCTION until "MD" appears.

To the audio input jacks on the MD deck



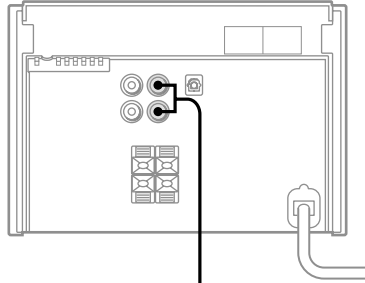
To the audio output jacks on the MD deck

Tip

If you cannot select "MD" by pressing FUNCTION, turn off the system, and then press I/⏻ while pressing down FUNCTION. The function will be switched from "VIDEO" to "MD". To go back to "VIDEO", repeat this procedure.

Connecting a VCR

You can connect a VCR to the system with a commercially available audio cord. Be sure to match the color-coded pins to the appropriate jacks. To listen to the VCR after connecting it, press FUNCTION until "VIDEO" appears.



To the audio output jacks on the VCR

Tip

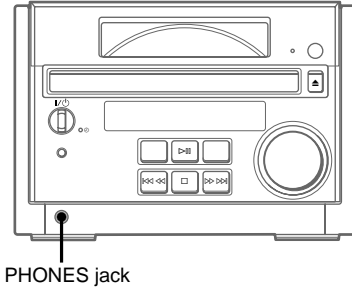
If you cannot select "VIDEO" by pressing FUNCTION, turn off the system, and then press I/⏻ while pressing down FUNCTION. The function will be switched from "MD" to "VIDEO". To go back to "MD", repeat this procedure.

continued

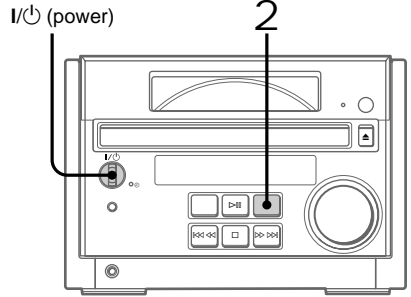
Connecting optional A/V components (continued)

Connecting headphones

Connect headphones to the PHONES jack.



Listening to the sound of connected components



- 1 Prepare the audio components.
- 2 Press FUNCTION repeatedly until "MD" or "VIDEO" appears.
Each time you press the button, the display changes as follows:

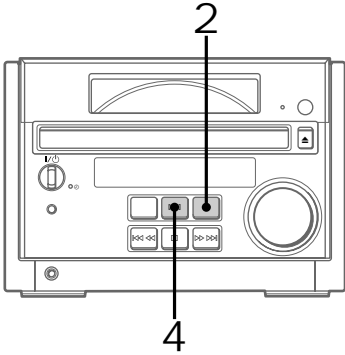


To switch between the "MD" or "VIDEO" display

- 1 Turn off the system.
 - 2 Press I/⏻ while pressing down FUNCTION.
- To go back to the previous display, repeat this procedure.

Recording to connected components

For the operations of the connected components, refer to the instructions of each component.



- 1 Prepare the recording component for recording.
- 2 Press FUNCTION repeatedly until "CD" or "TUNER" appears.
- 3 Start recording.
- 4 Press \blacktriangleright \blacksquare if CD is selected as the sound source. Play starts.

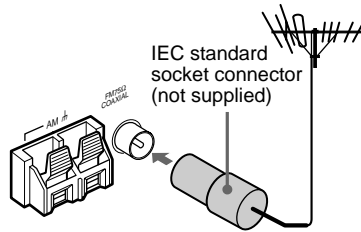
Connecting external antennas

Connect an external antenna to improve reception.

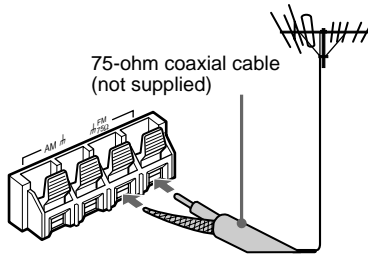
FM antenna

Connect a commercially available FM external antenna, or you can use a TV antenna instead.

Jack type ①



Jack type ②



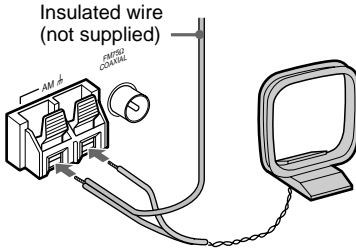
continued

Connecting external antennas (continued)

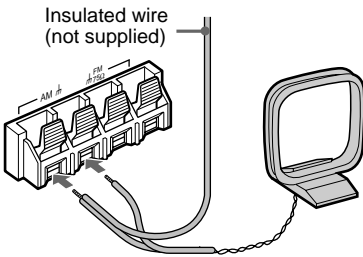
AM antenna

Connect a 6- to 15- meter insulated wire to the AM antenna terminal. Leave the supplied AM loop antenna connected.

Jack type ①



Jack type ②



Precautions

On operating voltage

Before operating the system, check that the operating voltage of your system is identical with the voltage of your local power supply.

On safety

- The unit is not disconnected from the AC power source (mains) as long as it is connected to the wall outlet, even if the unit itself has been turned off.
- Unplug the system from the mains if it is not to be used for an extended period of time.
To disconnect the power cord, pull it out by the plug. Never pull the cord itself.
- Should any solid object or liquid fall into the system, unplug the system and have it checked by qualified personnel before operating it any further.
- AC power cord (mains lead) must be changed only at the qualified service shop.
- When you connect the power cord to the AC power source, even if the power is off, the system begins charging for remote and timer functions. Therefore the surface of this unit become warm, this is normal.

On placement

- Place the system in a location with adequate ventilation to prevent heat build up.
- Do not place the system in an inclined position.
- Do not place the system in locations where it is;
 - Extremely hot or cold
 - Dusty or dirty
 - Very humid
 - Subject to vibrations
 - Subject to direct sunlight.

On operation

- If the system is brought directly from a cold to a warm location, or is placed in a very damp room, moisture may condense on the lens inside the CD player. Should this occur, the system will not operate properly. Remove the CD and leave the system turned on for about an hour until the moisture evaporates.
- When you move the system, take out any discs.

If you have any questions or problems concerning your system, please consult your nearest Sony dealer.

On the speaker system

This speaker system is not magnetically shielded and the picture on TV sets may become magnetically distorted. In such a case, turn off the TV set once, and after 15 to 30 minutes turn it on again.

If there seems to be no improvement, locate the speaker system further away from the TV set. Also, be sure not to place objects in which magnets are attached or used near the speaker system, such as audio racks, TV stands, and toys. These may cause magnetic distortion to the picture due to their interaction with the system.

Notes on CDs

- Before playing, clean the CD with a cleaning cloth. Wipe the CD from the center out.
- Do not use a CD with tape, seals, or paste on it as this may damage the player.
- Do not use solvents such as benzine, thinner, commercially available cleaners, or antistatic spray intended for vinyl LPs.
- Do not expose the CD to direct sunlight or heat sources such as hot air ducts, nor leave it in a car parked in direct sunlight.

Cleaning the cabinet

Use a soft cloth slightly moistened with mild detergent solution.

Troubleshooting

If you have any problem using this system, use the following checklist.

First, check that the power cord is connected firmly and that the speakers are connected correctly and firmly.

Should any problem persist, consult your nearest Sony dealer.

General

There is no sound.

- Turn VOLUME clockwise.
- Make sure the headphones are not connected.
- Check the speaker connections (see page 4).

Sound comes from one channel, or unbalanced left and right volume.

- Connect the speaker cords properly (see page 4).
- Place the speakers as symmetrically as possible.
- Connect only one of the supplied speakers to each set of speaker terminals.
- Connect the supplied speakers.

There is severe hum or noise.

- Move the system away from the source of noise.
- Connect the system to a different wall outlet.
- Install a noise filter (commercially available) to the power line.

"- : -" appears in the display.

- Set the clock (see page 6).

The timer cannot be set.

- Set the clock again (see page 6).

The timer does not function.

- Press CLOCK/TIMER SELECT to set the timer and light up "DAILY" in the display (see page 17).
- Check the set contents and set the correct time (see pages 6 and 17).
- Cancel the Sleep Timer function (see page 16).

The remote does not function.

- Remove the obstacle.
- Move the remote closer to the system.
- Point the remote at the system's sensor.
- Replace the batteries (size AA/R6).
- Locate the system away from the fluorescent light.

The color irregularity on a TV screen persists.

- Turn off the TV set once, then turn on it after 15 to 30 minutes. If the color irregularity still persists, place the speakers farther away from the TV set.

CD Player

The CD tray does not close.

- Place the CD correctly in the center of the tray.
- Always close the tray by pressing ▲. Trying to push the tray closed with your fingers may cause problems with the CD player.

The CD does not eject.

- Consult your nearest Sony dealer.

Play does not start.

- Open the CD tray and check whether a CD is loaded.
- Wipe the CD clean (see page 23).
- Replace the CD.
- The CD is placed with the label side down. Place the CD correctly in the center of the tray.
- Remove the CD and wipe away the moisture on the CD, then leave the system turned on for a few hours until the moisture evaporates.
- Press $\blacktriangleright \square \square$ to start play.

The sound skips.

- Wipe the CD clean (see page 23).
- Replace the CD.
- Try moving the system to a place without vibration (e.g., on top of a stable stand).
- Try moving the speakers away from the system, or placing them on separate stands. When you listen to a track with bass sounds at high volume, the speaker vibration may cause the sound to skip.

Play does not start from the first track.

- Press PLAY MODE repeatedly until “PROGRAM” or “SHUFFLE” disappears to return to normal play.

“-OVER-” appears.

- Press down $\lll \lll$ or press $\lll \lll$ repeatedly to return to the desired playing position.

Optional components**There is no sound.**

- Refer to General item “There is no sound” on page 24 and check the condition of the system.
- Connect the component properly (see page 19) while checking:
 - if the cords are connected properly.
 - if the cord plugs are fully inserted.
- Turn on the connected component.
- Refer to the operating instructions included with the connected component and start playing.

The sound from the connected component is distorted.

- If “VIDEO” appears in the display when you press FUNCTION, switch the display to “MD” (see “To switch between the “MD” or “VIDEO” display” on page 20).

Tuner**There is severe hum or noise (“TUNED” or “STEREO” flashes).**

- Set the proper band and frequency (see page 7).
- Connect the antenna properly (see page 5).
- Find a place and an orientation that provide good reception, then set up the antenna again. If you cannot obtain good reception, we recommend you connect a commercially available external antenna.
- The supplied FM lead antenna receives signals along its entire length, so make sure you extend it fully.
- Locate the antennas as far away from the speaker cords as possible.
- Consult your nearest Sony dealer if the supplied AM antenna wire has come off the plastic stand.
- Try turning off surrounding electrical equipment.

continued

A stereo FM program cannot be received in stereo.

- Press STEREO/MONO until “STEREO” appears in the display.
 - See “There is severe hum or noise (“TUNED” or “STEREO” flashes)” on page 25, and check the antenna condition.
-

If the system still does not operate properly after performing the above measures, reset the system as follows:

With the system turned on, press \square , FUNCTION and I/C at the same time.

The system is reset to the factory settings. All the settings you made such as the preset stations, clock and timer are cleared. You should set them again.

Specifications

Main Unit

Amplifier section

The following measured at 220 V AC, 50/60 Hz
DIN power output (rated): 10 + 10 watts
(4 ohms at 1 kHz, DIN)

Continuous RMS power output (reference):
12 + 12 watts
(4 ohms at 1 kHz, 10% THD)

The following measured at 240 V AC, 50/60 Hz
DIN power output (rated): 12 + 12 watts
(4 ohms at 1 kHz, DIN)

Continuous RMS power output (reference):
15 + 15 watts
(4 ohms at 1 kHz, 10% THD)

Inputs

MD/VIDEO (AUDIO) IN (phono jacks):
voltage 500/250 mV, impedance
47 kilohms

Outputs

MD/VIDEO (AUDIO) OUT (phono jack):
voltage 250 mV, impedance
1 kilohm

PHONES (stereo minijack):
accepts headphones of 8 ohms or
more.

SPEAKER:
accepts impedance of 4 to
16 ohms.

CD DIGITAL OUT OPTICAL:
Optical

CD player section

System	Compact disc and digital audio system
Laser	Semiconductor laser ($\lambda=780$ nm) Emission duration: continuous
Laser output	MAX. 44.6 μ W* *This output is the value measured at a distance of 200 mm from the objective lens surface on the Optical Pick-up Block with 7 mm aperture.
Frequency response	2 Hz – 20 kHz

Tuner section

FM stereo, FM/AM superheterodyne tuner

FM tuner section

Tuning range	87.5 – 108.0 MHz (50 kHz step)
Antenna	FM lead antenna
Antenna terminals	75 ohms unbalanced
Intermediate frequency	10.7 MHz

AM tuner section

Tuning range	531 – 1,602 kHz (with the interval set at 9 kHz) 530 – 1,710 kHz (with the interval set at 10 kHz)
Antenna	AM loop antenna External antenna terminals
Intermediate frequency	450 kHz

Speaker

Speaker system	2-way, bass-reflex type
Speaker units	
Woofer:	10 cm dia., cone type
Tweeter:	5 cm dia., cone type
Nominal impedance	4 ohms
Dimensions (w/h/d)	Approx. 145 × 255 × 210 mm
Mass	Approx. 2.7 kg net per speaker

General

Power requirements	220 V AC, 50/60 Hz
Power consumption	45 watts
Dimensions (w/h/d)	Approx. 180 × 130 × 315 mm incl. projecting parts and controls
Mass	Approx. 4.0 kg
Supplied accessories	Remote (1) Size AA (R6) batteries (2) AM loop antenna (1) FM lead antenna (1) Speaker cords (2)

Design and specifications are subject to change without notice.

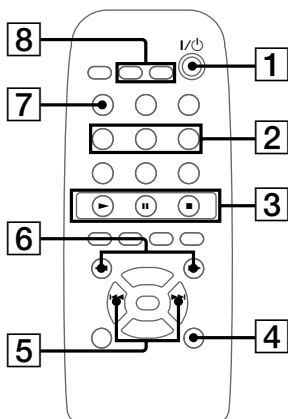
Parts descriptions for the remote

You can use the supplied remote to control the system.

Note

You cannot perform the following operations with the remote;

- Removing a disc
- Switching between the “MD” or “VIDEO” function
- Resetting the system



1 I/O (power) switch

2 The sound source buttons

MD/VIDEO button

CD button

TUNER/BAND button

Press to select the tuner for the sound source, or to select the FM or AM band.

If you press the button while the system is off, the system automatically turns on and tunes in the station last received.

3 ► (play) button

If you press the button while the system is off, the system automatically turns on and the CD player starts playing if there is a CD on the disc tray.

II (pause) button

■ (stop) button

4 REPEAT button

Press to play a track or all the tracks repeatedly (page 11).

5 ◀◀/▶▶ (AMS: Automatic Music Sensor), PRESET +/- buttons

Press to select a track, preset number, or item (pages 6-9, 11, 12 and 17).

6 ◀◀/▶▶, TUNING +/- buttons

The ◀◀/▶▶ buttons locate a desired point in a track during CD play or pause (page 9).

Press to tune in a radio station (pages 7 and 10).

7 DISPLAY button

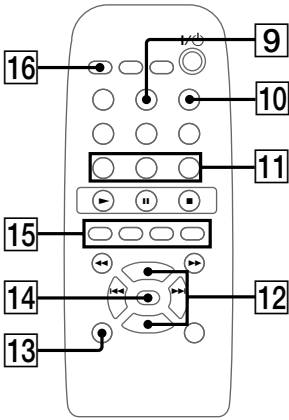
Press to show the various information (pages 6, 8, 12, 13 and 16).

8 CLOCK/TIMER SELECT button

Press to check timer settings, or to set the timer on/off (page 18).

CLOCK/TIMER SET button

Press to set the clock or timer functions (pages 6 and 17).



9 ENTER button

Press to set the clock, timer, Program Play and to complete presetting stations (pages 6-8, 12, 17 and 18).

10 CLEAR button

Press to cancel the selection (page 12).

11 MODE button

Press to select “AUTO”, “MANUAL” or “PRESET” (pages 7 and 10).

STEREO/MONO button

Press to select “STEREO” or “MONO” (pages 8 and 10).

MEMORY button

Press to preset a radio station (pages 7 and 8).

12 VOL +/- buttons

Press to adjust the volume.

13 PLAY MODE button

Press to select normal play, Shuffle Play or Program Play (pages 11 and 12).

14 DBFB button

Press to reinforce the bass sound (page 15).

15 BASS +/- buttons

Press to adjust the bass (page 15).

TREBLE +/- buttons

Press to adjust the treble (page 15).

16 SLEEP button

Press to set Sleep Timer (page 16).

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