

# *Micro Hi-Fi Component System*

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## Operating Instructions

## Owner's Record

The model and serial numbers are located at the rear. 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. \_\_\_\_\_



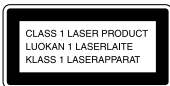
## *CMT-L1*

## 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. This label is located on the rear exterior.

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.



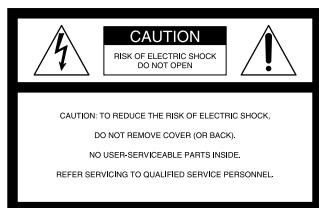
Don't throw away the battery with general house waste, dispose of it correctly as chemical waste.

### NOTICE FOR THE CUSTOMERS IN EUROPE

The following caution label is located inside the apparatus.



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



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.

### CAUTION

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

Note to CATV system installer:

This reminder is provided to call the CATV system installer's attention to Article 820-40 of the NEC that provides guidelines for proper grounding and, in particular, specifies that the cable ground shall be connected to the grounding system of the building, as close to the point of cable entry as practical.

### 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.

### NOTICE FOR THE CUSTOMERS IN CANADA

#### CAUTION

TO PREVENT ELECTRIC SHOCK, DO NOT USE THIS POLARIZED AC PLUG WITH AN EXTENSION CORD, RECEPTACLE OR OTHER OUTLET UNLESS THE BLADES CAN BE FULLY INSERTED TO PREVENT BLADE EXPOSURE.

For all customers (except those in Europe)



ENERGY STAR® is a U.S. registered mark.

As an ENERGY STAR® partner, Sony Corporation has determined that this product meets the ENERGY STAR® guidelines for energy efficiency.

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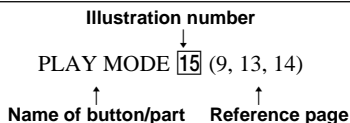
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\* European model only

How to use this page

Use this page to find the location of buttons and other parts of the system that are mentioned in the text.



## Main unit

### ALPHABETICAL ORDER

#### A - F

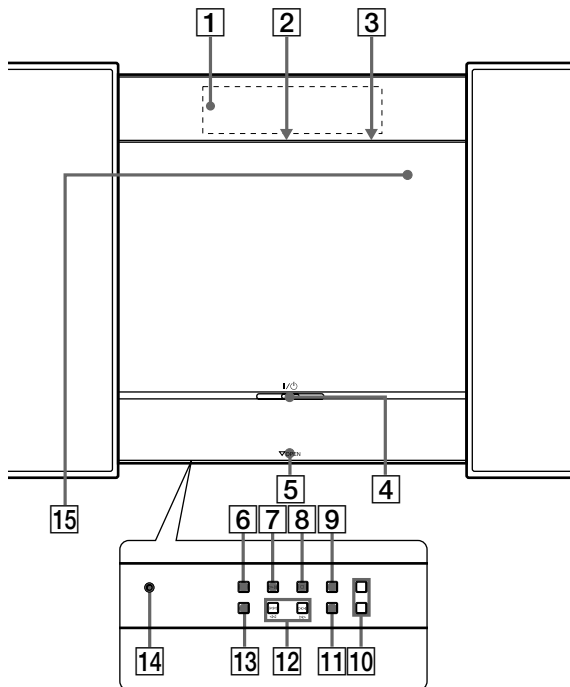
- CD cover **2** (11)
- CD **▶|| 7** (11 - 13)
- CD **■ 8** (11, 12)
- DISPLAY **6** (17, 20, 21)
- Display **1** (20, 21)
- FUNCTION **11** (11 - 14, 16, 23, 25)

#### P - Z

- PHONES jack **14**
- PLAY MODE/TUNING MODE **13** (11 - 16, 25)
- Remote sensor **15**
- TUNER/BAND **9** (15, 16, 25)
- TUNING +/- **12** (15, 16)
- VOL +/- **10** (19)

### BUTTON DESCRIPTIONS

- I/⏻ (power) **4** (8, 19)
  - ⏪/▶▶ **12** (11 - 13)
  - ◀◀/▶▶ **12** (11)
  - ▲ **3** (11)
  - ▼ OPEN **5**
- To open the front cover, push down on ▼ OPEN.



# Remote control

## ALPHABETICAL ORDER

### A - F

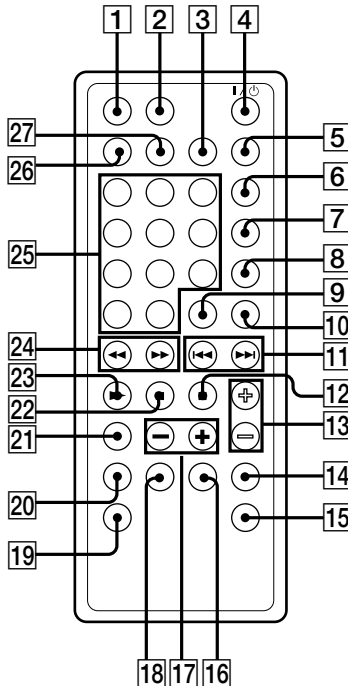
- CD ► **23** (11 - 13)
- CD ■ **22** (11)
- CD ■ **12** (11, 12)
- CLEAR **9** (12, 13, 17)
- CLOCK/TIMER SELECT **6** (19)
- CLOCK/TIMER SET **7** (10, 19)
- CURSOR ←/→ **24** (10, 13)
- DIMMER **19** (20)
- DISPLAY **26** (17, 20, 21)
- DSG **14** (18)
- ENTER/YES **8** (10, 12 - 15, 17, 19, 23)
- FM MODE **16** (16)
- FUNCTION **20** (11 - 14, 16, 23)

### L - Z

- Letter/Numeric buttons **25** (12, 13, 16)
- MENU/NO **10** (13 - 17, 23)
- NAME EDIT/SELECT **3** (13, 17)
- PLAY MODE/TUNING MODE **18** (11 - 16)
- PRESET EQ **15** (18)
- REPEAT **16** (11)
- SCROLL **5** (14, 21)
- SLEEP **2** (18)
- TIME **27** (12, 20, 21)
- TUNER BAND **21** (15, 16)
- TUNING +/- **17** (15, 16)
- VOL +/- **13** (19)

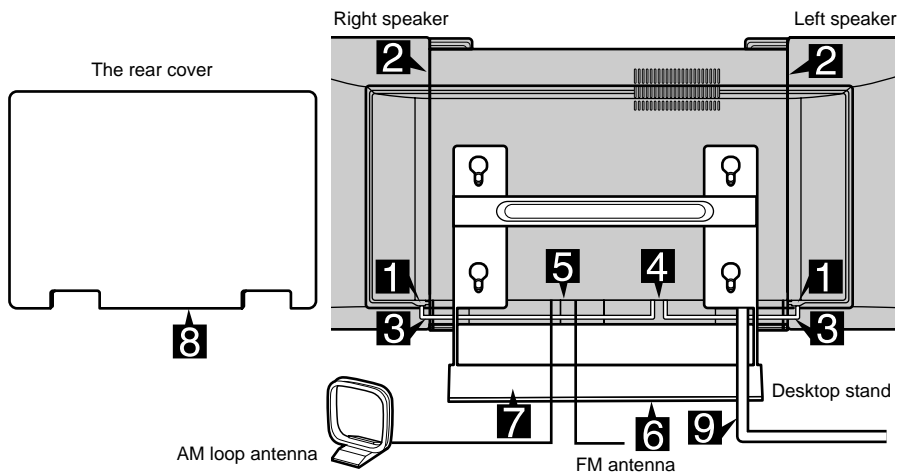
## BUTTON DESCRIPTIONS

- ⏻ (power) **4** (8, 19)
- ⏮/⏭ **11** (10 - 14, 19)
- ⏪/⏩ **24** (11)
- ⏴ **1** (11)



## Hooking up the system

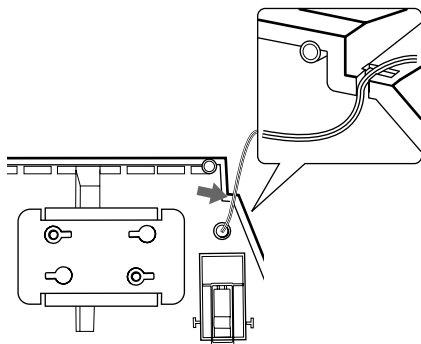
Perform the following procedure **1** to **9** to hook up your system using the supplied cords and accessories.



Before attaching the system to the stand, draw the wires under the horizontal bar of the stand. Otherwise, the wires could be damaged.

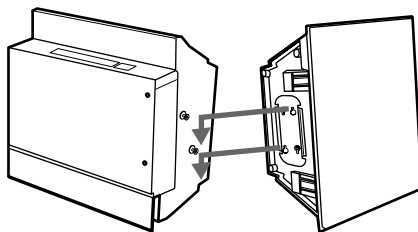
**1 Set the speaker cord into the speaker cord groove at the bottom of the speaker.**

Otherwise, the speaker cord could be damaged.



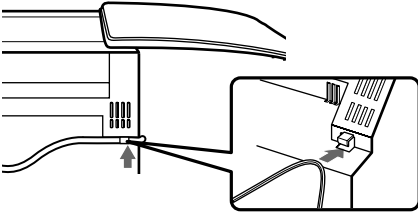
**2 Attach the speakers.**

Afterwards, push down on the speakers to make sure they are securely fastened to the main unit.



### 3 Secure the speaker cords with the speaker cord hooks at the bottom of the main unit.

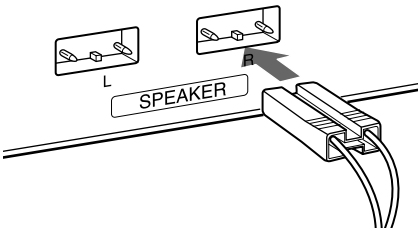
Otherwise, the speaker cord could be damaged.



Bend a speaker cord slightly, insert it into the hole and secure it with the hook.

### 4 Connect the speaker cords.

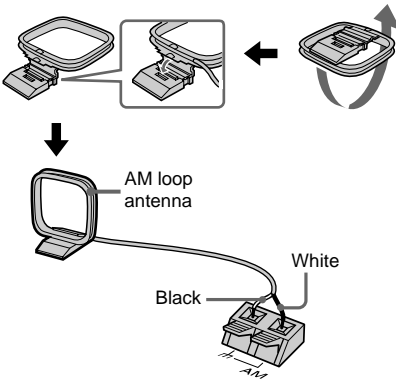
Connect the speaker cords to the SPEAKER jacks as shown below.



### 5 Connect the FM and AM antennas.

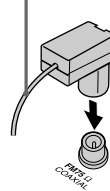
Set the AM loop antenna up before connecting it.

AM antenna



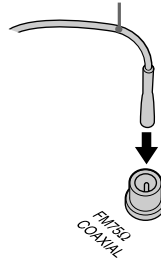
### FM antenna (Jack type ㉑)

Extend the FM wire antenna horizontally



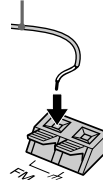
### FM antenna (Jack type ㉒)

Extend the FM wire antenna horizontally



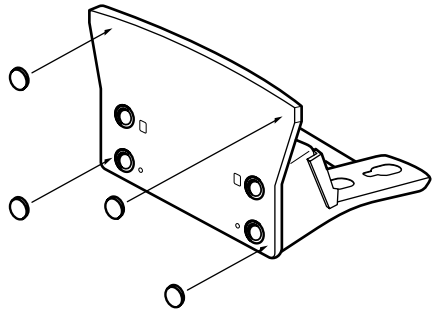
### FM antenna (Jack type ㉓)

Extend the FM wire antenna horizontally



### 6 Attach the stand pads.

Attach the supplied stand pads to the bottom of the stand to stabilize the stand and to prevent it from slipping.



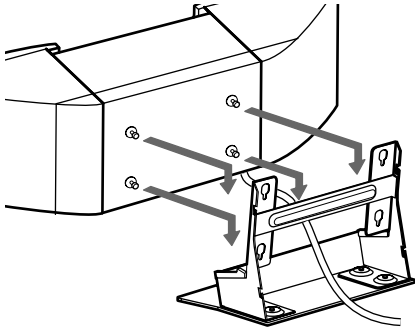
continued

## Hooking up the system (continued)

### 7 Attach the system to the supplied desktop stand.

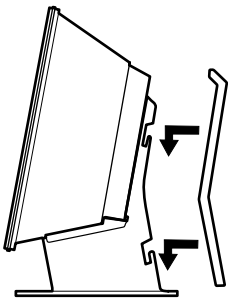
Make sure to grasp the main unit, and not the speakers.

After attaching the system to the stand, push down on the system to make sure they are securely fastened to the stand.



### 8 Attach the supplied rear cover to the stand.

Put the wires through the holes at the bottom of the rear cover.



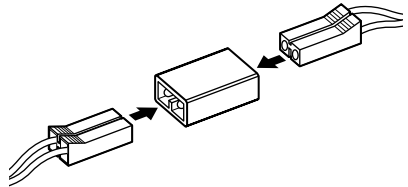
### 9 Connect the power cord to a wall outlet.

If the plug does not fit the wall outlet, attach the supplied plug adaptor (only for models equipped with an adaptor).

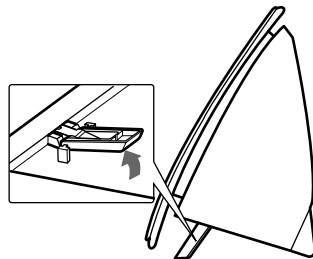
To turn on the system, press **I**/**⏻**.

## Using the system with the speakers detached

- 1 Connect one end of the supplied joint connector to the speaker cord, and then connect the supplied cord extension to the other end of the joint connector.



- 2 Connect the cord extensions to the SPEAKER jacks.
- 3 Secure the cord extensions with the speaker cord hooks at the bottom of the main unit. Otherwise, the cord extension could be damaged.
- 4 Attach the system to the supplied desktop stand.
- 5 Attach the supplied rear cover to the stand.
- 6 After folding up the speaker legs, set the speakers at the desired positions.



### Notes

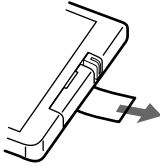
- Either mount both speakers or remove both speakers. Do not use the system with only one speaker mounted.
- When moving the system, first detach the main unit from the desktop stand, and then move the system. If you leave the speakers attached during the move, make sure to grasp the system by the main unit, and not by the speakers.



## Preparing the remote

**Pull out the insulating sheet to allow power to flow from the battery.**

The remote already contains a battery.



## Using the wall hanging bracket

You can hang the system on the wall using the supplied wall hanging bracket.

The screws for attaching the wall hanging bracket to the wall are not supplied. When installing the bracket by yourself, be sure to use screws appropriate for the type of wall. Sony cannot take responsibility for any damages or injury due to installation.

### Safety precautions

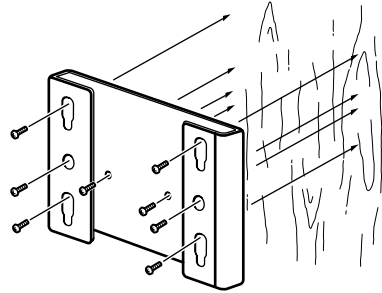
- The supplied bracket is for use with the Sony Interior Hi-Fi Component System CMT-L1 only. Using this item for purposes other than to hang the system on the wall may result in accidents.
- The component system CMT-L1 (7.1 kg) and the wall hanging bracket (0.6 kg) have a combined weight of 7.7 kg. Therefore, for safety reasons, the bracket should be attached securely to a wall made from materials capable of supporting a load of 50 kg or more.
- When you hang the system on the wall, make sure the left and right speakers are both attached or both detached. Attaching one speaker without the other may cause the system to drop and injure someone.

### Preparation

- The screws for attaching the wall hanging bracket to the wall are not supplied. Be sure to purchase screws suited to the wall materials.
- If the wall materials cannot support a load of 50 kg or more, be sure to reinforce the wall.

## Hanging the system on the wall

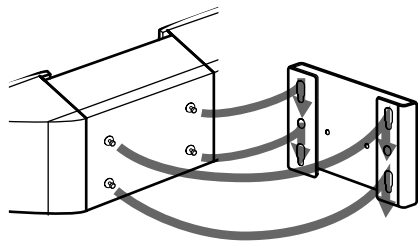
- 1 Fix the wall hanging bracket to the wall using 8 screws (not supplied).



### Note

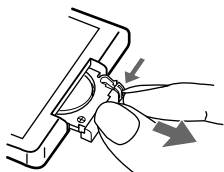
Be sure to secure the bracket in a level position.

- 2 Set the speaker cord into the speaker cord groove at the bottom of the speaker. Otherwise, the speaker cord could be damaged.
- 3 Attach the speakers. Afterwards, push down on the speakers to make sure they are securely fastened to the main unit.
- 4 Connect the speaker cords to the SPEAKER jacks.
- 5 Attach the system to the wall hanging bracket which you have fixed to the wall. Make sure to grasp the main unit, and not the speakers. After attaching the system to the bracket, push down on the system to make sure they are securely fastened to the bracket.

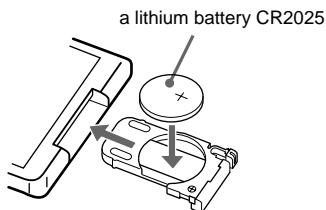


## Replacing the battery in the remote

- 1 Slide out and remove the battery case.



- 2 Insert a new lithium battery CR2025 with the + side facing up.



- 3 Slide the battery case back in.

### Tip

When the battery no longer operates the remote, replace the battery with a new one.

### Note

If you are not going to use the remote for a long time, remove the battery to avoid damage caused by corrosion from battery leakage.

### Notes on lithium battery

- Keep the lithium battery out of the reach of children.  
Should the battery be swallowed, immediately consult a doctor.
- Wipe the battery with a dry cloth to assure a good contact.
- Be sure to observe the correct polarity when installing the battery.
- Do not hold the battery with metallic tweezers, otherwise a short-circuit may occur.

### WARNING

Battery may explode if you mistreated.  
Do not recharge, disassemble or dispose of in fire.

## Setting the clock

- 1 Turn on the system.
- 2 Press **CLOCK/TIMER SET** on the remote.
- 3 Press **◀** or **▶** on the remote repeatedly to set the day, and then press **ENTER/YES** or **CURSOR→** on the remote.  
The hour indication flashes.
- 4 Press **◀** or **▶** on the remote repeatedly to set the hour, and then press **ENTER/YES** or **CURSOR→** on the remote.  
The minute indication flashes.
- 5 Press **◀** or **▶** on the remote repeatedly to set the minute, and then press **ENTER/YES** on the remote.

If you make a mistake

Press **←CURSOR** or **CURSOR→** on the remote repeatedly until the indication you want to change (day, hour, minute) flashes, and then change the setting.

To adjust the clock

- 1 Press **CLOCK/TIMER SET** on the remote.
- 2 Press **◀** or **▶** on the remote repeatedly until "CLOCK SET?" appears in the display, and then press **ENTER/YES** on the remote.
- 3 Do the same procedures as steps 3 to 5 above.

## Loading the CD

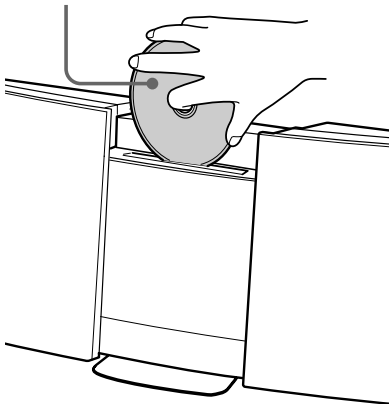
### 1 Touch **▲** (or press **▲** on the remote).

The CD cover opens and the function switches to CD.

### 2 Insert a CD and push down on it gently.

The CD is drawn in and playback starts automatically.

Load with the label side front.



#### Tips

- To reload the CD, first remove the CD, and then load it again.
- You can load a CD single (8-cm CD) without an adapter.
- Playback starts automatically when you simply load the CD (CD Auto Play). This function, however, does not work while Program Play is selected.

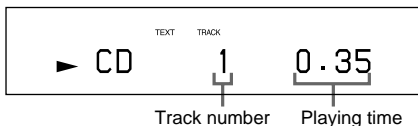
#### Note

If the CD cover does not open when you touch **▲** (for example, when you are wearing gloves), touch it with bare fingers or press the **▲** button on the remote.

## Playing the CD

### — Normal Play/Shuffle Play/Repeat Play

This system lets you play CDs in different play modes.



1 Press **FUNCTION** repeatedly until “CD” appears in the display.

2 Press **PLAY MODE/TUNING MODE** in stop mode repeatedly until the mode you want appears in the display.

Select	To play
No display (Normal Play)	The CD in original order.
SHUFFLE (Shuffle Play)	The tracks on the CD in random order.
PROGRAM (Program Play)	The tracks on the CD in any order that you want (see “Programing the CD tracks” on page 12).

3 Press **CD ►►** (or **CD ►** on the remote).

### Other operations

To	Do this
Stop playback	Press <b>CD ■</b> .
Pause	Press <b>CD ►►  </b> (or <b>CD   </b> on the remote). Press again to resume playback.
Select a track	During playback or pause, press <b>◀◀</b> or <b>▶▶</b> repeatedly until you find the desired track.
Find a point in a track	During playback, press and hold down <b>◀◀</b> or <b>▶▶</b> until you find the desired point.
Play repeatedly (Repeat Play)	Press <b>REPEAT</b> on the remote repeatedly during playback until “REP” or “REPI” appears in the display.  REP: For all the tracks on the CD up to 5 times.  REPI: For only the currently playing track.  To cancel playing repeatedly, press <b>REPEAT</b> on the remote repeatedly until “REP” and “REPI” disappear from the display.
Remove the CD	Touch <b>▲</b> (or press <b>▲</b> on the remote) to remove the CD, then touch <b>▲</b> (or press <b>▲</b> on the remote) again to close the CD cover.

**continued**

## Playing the CD (continued)

To enter track number using the remote

You can also select the desired track using the remote during Normal Play (no display). Press the numeric buttons. The playback automatically starts.

To enter track number over 10

**1** Press >10.

**2** Enter the corresponding digits.

To enter 0, press 10/0 instead.

Example:

To enter track number 30, press >10, then 3 and 10/0.

## Programming the CD tracks

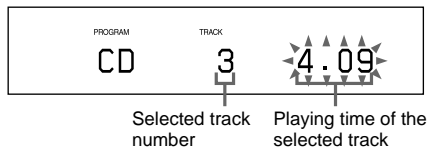
### — Program Play

You can make a program of up to 25 tracks on a CD in any order that you want.

**1** Press **FUNCTION** repeatedly until “CD” appears in the display.

**2** Press **PLAY MODE/TUNING MODE** in stop mode repeatedly until “PROGRAM” appears in the display.

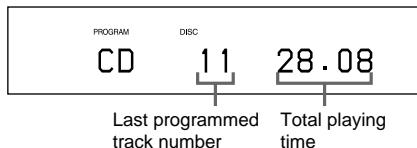
**3** Press **◀▶** or **▶▶** repeatedly until the desired track number appears in the display.



**4** Press **ENTER/YES** on the remote.

The track is programmed.

“Step” appears, followed by the order number of the track just programmed. Then 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** on the remote.



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

**6** Press **CD ▶▶** (or **CD ▶** on the remote).

### Other operations

To	Do this
Check the program order	Press <b>◀◀</b> or <b>▶▶</b> repeatedly during Program Play.
Check the total number of programmed tracks	Press <b>TIME</b> on the remote in stop mode. The total number of programmed tracks appears, and then the last programmed track number and the total playing time of the program.
Cancel Program Play	Press <b>CD ■</b> , and then press <b>PLAY MODE/TUNING MODE</b> repeatedly until “PROGRAM” and “SHUFFLE” disappear from the display.
Add a track to the end of the program	Do steps 3 and 4 with Program Play stopped.
Erase the last programmed track	Press <b>CLEAR</b> on the remote in stop mode. Each time you press the button, the last programmed track is erased.

## Tips

- The program you made remains after Program Play finishes. To play the program again, switch the function to CD, and then press CD ►► (or CD ► on the remote).
- “-.-” appears when the total program time exceeds 100 minutes, or when you select a CD track whose number is 21 or over.

## Labelling a CD

### — Disc Memo

You can label up to 100 CDs with titles of up to 20 symbols and characters. Whenever you load a labelled CD, the title appears in the display.

#### Note

**When labelling CDs for the first time, be sure to erase all disc titles using the procedure “Erasing a disc title” on page 14.**

#### 1 Press FUNCTION repeatedly until “CD” appears in the display.

If “SHUFFLE” or “PROGRAM” appears in the display, press PLAY MODE/TUNING MODE repeatedly until both disappear.

#### 2 Press NAME EDIT/SELECT on the remote.

The cursor starts flashing.

#### 3 Press NAME EDIT/SELECT on the remote repeatedly to select the desired type of character.

Type of character	Select
Uppercase letters/blank space/symbols	Selected AB.
Lowercase letters/blank space/symbols	Selected ab.
Numbers	Selected 12.

## 4 Enter a character.

Type of character	Do this
Uppercase or lowercase letters	Press the corresponding letter button on the remote repeatedly until the character to be entered flashes, or press the button once and press ◀◀ or ▶▶ repeatedly. And then press CURSOR→ on the remote.
Numbers	Press the corresponding numeric button on the remote.
Blank space	Press 10/0 on the remote.
Symbols (‘ - / , . ( ) : ! ?)	Press number 1 on the remote repeatedly.
Symbols (& + < > _ = ; # \$ % @ * ^)	Press number 1 on the remote, and then press ◀◀ or ▶▶ repeatedly. And then press CURSOR→ on the remote.

## 5 Repeat steps 3 and 4 to enter the rest of the name.

## 6 Press ENTER/YES on the remote to complete the labelling procedure.

To erase and change a character

In step 3 or 4, press ←CURSOR or CURSOR→ on the remote repeatedly until the character you want to change flashes, press CLEAR on the remote to erase the character, and then repeat steps 3 and 4.

To cancel labelling

Press MENU/NO on the remote.

To add a character

After step 2, press ←CURSOR or CURSOR→ on the remote repeatedly to move the cursor to the place where you want to add a character. And then proceed to step 3.

continued

## Labelling a CD (continued)

### Checking the disc titles

- 1 Press **FUNCTION** repeatedly until “CD” appears in the display.
- 2 Press **MENU/NO** on the remote in stop mode.
- 3 Press **◀◀** or **▶▶** on the remote repeatedly until “Name Check?” appears, and then press **ENTER/YES** on the remote.
- 4 Press **◀◀** or **▶▶** on the remote repeatedly to select a disc title stored in the system memory between 001 and 100.

To check the current disc title

Press **SCROLL** on the remote in stop mode.

### Erasing a disc title

- 1 Press **FUNCTION** repeatedly until “CD” appears in the display.  
If “SHUFFLE” or “PROGRAM” appears in the display, press **PLAY MODE/TUNING MODE** repeatedly until both disappear.
- 2 Press **MENU/NO** on the remote in stop mode.
- 3 Press **◀◀** or **▶▶** on the remote repeatedly until “Name Erase?” appears, then press **ENTER/YES** on the remote.
- 4 Press **◀◀** or **▶▶** on the remote repeatedly to select the disc title you want to erase.
- 5 Press **ENTER/YES** on the remote again.  
“Complete!” appears.

To erase all disc titles

Press **◀◀** or **▶▶** on the remote repeatedly until “All Erase?” appears in step 3, and then press **ENTER/YES** on the remote twice.

To cancel erasing

Press **MENU/NO** on the remote during steps 1 to 4.

## Presetting radio stations

The system can store a total of 30 preset stations (20 for FM and 10 for AM). You can then tune in any of those stations simply by selecting the corresponding preset number.

There are two ways to store the preset stations.

To	Method
Automatically tune in all of the stations that can be received in your area and then store them manually	Automatic Tuning Preset
Manually tune in and store the radio frequency of your favourite stations	Manual Tuning Preset

### Setting presets through automatic tuning

- 1 Press **TUNER/BAND** to select “FM” or “AM”.
- 2 Press **PLAY MODE/TUNING MODE** repeatedly until “AUTO” appears in the display.
- 3 Press **TUNING + or –**.

The frequency changes as the system scans for a station. Scanning stops automatically when a station is tuned in. At that time, “TUNED” and “STEREO” (for stereo program only) appear.

#### If “TUNED” does not appear and the scanning does not stop

Set the frequency of the desired radio station as described in steps 2 to 8 of “Setting presets through manual tuning”.

- 4 Press **MENU/NO** on the remote.
- 5 Press **TUNING + or –** repeatedly until “Memory?” appears, and then press **ENTER/YES** on the remote.

A preset number appears in the display. Perform steps 6 and 7 while the preset number is flashing.

- 6 Press **TUNING + or –** repeatedly to select the desired preset number.



- 7 Press **ENTER/YES** on the remote. “Complete!” appears, and then the station is stored.
- 8 Repeat steps 1 to 7 to preset other stations.

#### Tip

Press **PLAY MODE/TUNING MODE** when you want to stop scanning.

### Setting presets through manual tuning

- 1 Press **TUNER/BAND** to select “FM” or “AM”.
- 2 Press **PLAY MODE/TUNING MODE** repeatedly until “AUTO” and “PRESET” disappear from the display.
- 3 Press **TUNING + or –** repeatedly to tune in the desired station.
- 4 Press **MENU/NO** on the remote.
- 5 Press **TUNING + or –** repeatedly until “Memory?” appears, and then press **ENTER/YES** on the remote.  
A preset number appears in the display. Perform steps 6 and 7 while the preset number is flashing.
- 6 Press **TUNING + or –** repeatedly to select the desired preset number.



- 7 Press **ENTER/YES** on the remote. “Complete!” appears, and then the station is stored.
- 8 Repeat steps 1 to 7 to preset other stations.

continued

## Presetting radio stations (continued)

### Other operations

To	Do this
Tune in a weak station	Follow the procedure described in "Setting presets through manual tuning".
Cancel presetting	Press MENU/NO on the remote in step 5 or 6.
Change the preset number	Start over from step 1.

To change the AM tuning interval (not applicable on the European model)

The AM tuning interval is factory-preset to 9 kHz (or 10 kHz for some areas). To switch the AM tuning interval, tune in any AM station first, then turn off the system. Pressing and holding down FUNCTION, turn the system back on. When you change the interval, all the AM preset stations are erased. To change back to the original interval, repeat the same procedure.

#### Tips

- The preset stations are saved in the system's memory for about a day even if you disconnect the power cord or a power failure occurs.
- You can label the preset stations (see page 17).
- To improve the reception, adjust the supplied antennas or connect an external antenna.

## Listening to the radio

You can listen to a radio station either by selecting a preset station or by manually tuning in a station.

### Listening to a preset station

#### — Preset Tuning

Preset radio stations in the tuner's memory first (see "Presetting radio stations" on page 15).

- 1 Press **TUNER/BAND** to select "FM" or "AM".
- 2 Press **PLAY MODE/TUNING MODE** repeatedly until "PRESET" appears in the display.
- 3 Press **TUNING +** or **-** repeatedly to select the desired preset station (or station name\* or RDS station name\*\*).

\* The station name appears only if you have labelled the station (see "Labelling the preset stations" on page 17).

\*\*European model only.

To select a desired preset number using the numeric buttons on the remote

Press numeric buttons instead of performing step 3.

To enter preset number over 10, press >10 and enter the corresponding digits. To enter 0, press 10/0 instead.

Example:

To enter preset number 20, press >10, then 2 and 10/0.

### Listening to a non-preset radio station

#### — Manual Tuning

- 1 Press **TUNER/BAND** to select "FM" or "AM".
- 2 Press **PLAY MODE/TUNING MODE** repeatedly until "AUTO" and "PRESET" disappear from the display.
- 3 Press **TUNING +** or **-** repeatedly to tune in the desired station.

#### Tips

- To improve the reception, adjust the supplied antennas or connect an external antenna.
- If there is static during an FM broadcast, press FM MODE on the remote until "MONO" appears in the display. The broadcast will no longer be in stereo, but the reception will improve.
- In step 2, press **PLAY MODE/TUNING MODE** repeatedly until "AUTO" appears in the display, and then press **TUNING +** or **-**. The frequency indication changes and the scanning stops when the system tunes in a station (Automatic Tuning).



## Labelling the preset stations

### — Station Name

You can label each preset station with up to 10 symbols or characters (Station Name).

- 1 Tune in the station you want to label (see page 16).
- 2 Follow the same procedures as from steps 2 to 6 on “Labelling a CD” (see page 13).

To cancel labelling

Press MENU/NO on the remote.

To erase the station name

- 1 Tune in the station.
- 2 Press NAME EDIT/SELECT on the remote.
- 3 Press CLEAR on the remote repeatedly to erase the name.
- 4 Press ENTER/YES on the remote.

## 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.

Note

RDS may not work properly if the station you have 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 all provide the same type 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 cyclically as follows:

Station name\*\* → Frequency → Clock display → Preset Equalizer name → Volume

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

## Adjusting the sound

Reinforcing the bass sound

### — DSG

**Press DSG\* on the remote.**

“DSG” appears in the display.

Press again to cancel DSG.

\* DSG: Dynamic Sound Generator

Tip

DSG is factory set to on.

## Selecting the Preset Equalizer menu

The Preset Equalizer enables you to select the sound characteristic among 5 sound effects according to the type of music you are listening to.

**Press PRESET EQ on the remote repeatedly.**

The display changes cyclically as follows:

ROCK → POP → JAZZ → CLASSIC →  
DANCE → FLAT

To cancel the Preset Equalizer

Press PRESET EQ on the remote repeatedly until “FLAT” appears.

Tip

The Preset Equalizer menu is factory set to “ROCK”.

## Falling asleep to music

### — Sleep Timer

The Sleep Timer function lets you specify a sleep time, after which the system stops playing and turns off automatically. You can thus fall asleep to music.

**Press SLEEP on the remote repeatedly.**

The sleep time changes cyclically as follows:

AUTO\* → 90min → 80min → 70min → ...  
→ 10min → SLEEP OFF

\* The system turns off after the current CD finishes playing (up to 4 hours).

To	Press
Check the remaining sleep time**	SLEEP on the remote once.
Change the sleep time	SLEEP on the remote repeatedly until the time you want appears.
Cancel the Sleep Timer function	SLEEP on the remote repeatedly until “SLEEP OFF” appears.

\*\* When “AUTO” is selected, you cannot check the Sleep Timer’s remaining time.

# Waking up to music

## — Daily Timer

By setting the Daily Timer, you can make the system automatically turn on and off at specified times. To use this function, make sure that you have set the system clock correctly (see “Setting the clock” on page 10).

- 1 Prepare the music source you want to listen to when the system turns on.**
  - CD: Load a CD. To start playing from a specific track, make a program (see “Programming the CD tracks” on page 12).
  - Radio: Tune in the preset radio station that you want (see “Listening to the radio” on page 16).
- 2 Press VOL + or – repeatedly to adjust the volume.**
- 3 Press CLOCK/TIMER SET on the remote.**
- 4 Press I◀◀ or ▶▶I on the remote repeatedly until “DAILY SET?” appears, and then press ENTER/YES on the remote.**

The hour indication flashes.
- 5 Set the starting time.**

Press I◀◀ or ▶▶I on the remote repeatedly to set the hour, and then press ENTER/YES on the remote.

The minute indication begins flashing next. Press I◀◀ or ▶▶I on the remote repeatedly to set the minute, and then press ENTER/YES on the remote.

The hour indication flashes again.
- 6 Set the stopping time by repeating step 5.**

- 7 Press I◀◀ or ▶▶I on the remote repeatedly until the music source you want appears.**

The display changes as follows:

TUNER ↔ CD PLAY

- 8 Press ENTER/YES on the remote.**

The starting time, the stopping time, the music source, and the volume appear in turn, then the original display returns.
- 9 Press I/⏻ to turn off the system.**

To	Do this
Check the settings/activate the timer	Press CLOCK/TIMER SELECT on the remote and press I◀◀ or ▶▶I on the remote repeatedly until “DAILY SELECT?” appears, and then press ENTER/YES on the remote.
Change the setting	Start over from step 1.
Turn off the timer	Press CLOCK/TIMER SELECT on the remote and press I◀◀ or ▶▶I on the remote repeatedly until “TIMER OFF?” appears, and then press ENTER/YES on the remote.

### Notes

- The system will turn on 30 seconds before the specified starting time. Do not operate the system from the time the system turns on until the Daily Timer starts. Otherwise the timer will not be activated correctly.
- When you use the Daily Timer at the same time as the Sleep Timer, the Sleep Timer setting has priority.
- You cannot use the optional components connected to MD/TAPE IN jack as the sound source for Daily Timer.

## Turning off the display

### — Power Saving Mode

Even if the system is off, the system consumes power to display the clock and to stay responsive to commands from the remote. Power Saving mode reduces the amount of power consumed during standby.

In this mode, the clock is not displayed.

**Press DISPLAY or TIME on the remote while the system is off until the the clock display disappears.**

To cancel Power Saving mode

Press DISPLAY or TIME on the remote while the system is off.

The display changes as follows:

Clock display\* ↔ No display (Power Saving mode)

\* The clock is displayed only if you set the clock.

Tip

The timer continues to operate during Power Saving mode.

## Changing the illumination level

You can change the illumination level for the front panel.

**Press DIMMER on the remote repeatedly.**

The illumination level changes cyclically as follows:

High → Low → Off

Tip

The illumination level is factory set to high.

## Using the display

### Checking the remaining time

**Press TIME on the remote repeatedly during playback.**

The display changes cyclically as follows:

Elapsed playing time on the current track →  
 Remaining time on the current track\*<sup>1</sup> →  
 Remaining time on the current CD\*<sup>2</sup>

\*<sup>1</sup> “-.-” appears when you check the remaining time of a CD track whose number is 21 or over.

\*<sup>2</sup> “-.-” appears during Shuffle Play of a CD which has 21 or more tracks, or during Program Play when a CD track whose number is 21 or over is selected.

### Checking the total playing time

**Press TIME on the remote in stop mode.**

### Checking a track title, a disc title (CD)

**Press DISPLAY repeatedly.**

The CD display changes cyclically as follows:

Clock display\*<sup>1</sup> → Preset Equalizer name\*<sup>1</sup>  
 → Volume\*<sup>1</sup> → Playing time of the CD\*<sup>2</sup> →  
 Track title or disc title\*<sup>3</sup>

\*<sup>1</sup> After 8 seconds, the playing time of the CD appears.

\*<sup>2</sup> The display that appears depends on the current disc status:

If the disc is stopped: The total playing time of the CD is displayed.

If the disc is playing: The elapsed playing time of the track, remaining playing time of the track, or remaining playing time of the CD is displayed.

\*<sup>3</sup> The track title appears during playback (only for CDs with CD text), and the disc title appears when the disc is stopped. If a CD that has no title, the track title or disc title is skipped.

## Checking a station name (Tuner)

### Press **DISPLAY** repeatedly.

The display changes cyclically as follows:

Station name\* → Frequency\*\* → Clock  
display\*\* → Preset Equalizer name\*\* →  
Volume\*\*

\* The station name is skipped if the station is  
unlabelled.

\*\* After appearing for 8 seconds, the display will  
revert back to the station name (or to the frequency  
if the station is unlabelled).

To scroll a long name

Press **SCROLL** on the remote.

The title appears scrolling in the display.

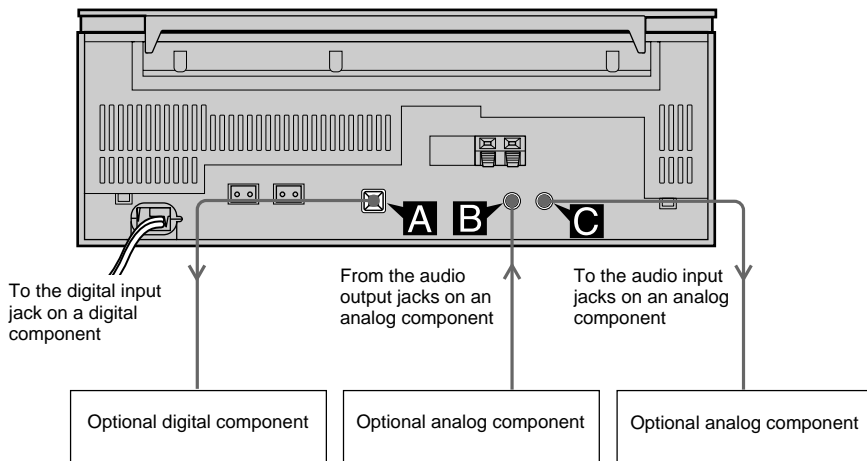
To pause the scrolling of the title, press  
**SCROLL** on the remote again.

Tips

- If you press **TIME** on the remote in stop mode for a  
CD with CD text containing the artist name, the  
artist name appears scrolling in the display.
- To label a disc title on a CD, see “Labelling a CD”  
on page 13.
- To label a station name on a preset station, see  
“Labelling the preset stations ” on page 17.

## Hooking up optional components

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



### **A** DIGITAL CD OPTICAL OUT jack

Use a digital optical cable (square, not supplied) to connect an optional digital component (such as an MD deck) to this jack. You can then output digital audio to that component from this system.

### **B** MD/TAPE IN jack

Use an audio cord (not supplied) to connect an optional component (such as an MD deck or a cassette deck) to this jack. You can then listen to analog audio from that component through this system.

### **C** MD/TAPE OUT jack

Use an audio cord (not supplied) to connect an optional component (such as an MD deck or a cassette deck) to this jack. You can then output analog audio to that component from this system.

## Listening to audio from a connected component

### 1 Connect the audio cord.

See “Hooking up optional components” on page 22.

### 2 Press FUNCTION repeatedly until “MD” or “TAPE” appears.

Start playing the connected component.

To switch the function from “MD” to “TAPE”

When you listen to the connected tape deck, do the following procedure.

#### 1 Turn on the system.

#### 2 Press FUNCTION repeatedly until “MD” appears.

#### 3 Press MENU/NO on the remote. “TAPE?” appears.

#### 4 Press ENTER/YES on the remote.

To switch back to “MD”, do the procedure again.

## Recording on a connected component

### Making a digital recording on a digital component

#### 1 Connect the digital optical cable.

See “Hooking up optional components” on page 22.

#### 2 Start recording.

Refer to the operating instructions provided with connected component.

### Making an analog recording on a component

#### 1 Connect the audio cord.

See “Hooking up optional components” on page 22.

#### 2 Start recording.

Refer to the operating instructions provided with connected component.

## Problems and remedies

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. When bringing the system in for servicing, be sure to bring the speaker system (SS-L7) along with the main unit (HCD-L1).

### General

#### “- -: -” appears in the display.

- Set the clock again (see page 10).

#### There is no sound.

- Adjust the volume.
- Make sure the headphones are not connected.
- Check the speaker connections (see page 7).

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

- Connect the speaker cords properly (see page 7).
- Place the speakers as symmetrically as possible.
- 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.

#### The timer cannot be set.

- Set the clock again (see page 10).

#### The timer does not function.

- Activate the timer (see “To check the settings/ activate the timer” on page 19).
- Check the set contents and set the correct time (see page 10 or 19).
- After you have set the timer, make sure to press **I/C** to turn off the system.
- The system is on about 30 seconds before the preset time.

#### 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 CR2025 battery.
- Locate the system away from the fluorescent light.

### CD Player

#### The CD cover does not open and “LOCKED” appears.

- Consult your Sony dealer or local authorized Sony service facility.

#### The CD does not eject.

- Press and hold down **▲** on the remote.
- Consult your Sony dealer or local authorized Sony service facility.

#### Play does not start.

- Load a CD.
- Wipe the CD clean (see page 26).
- Replace the CD.
- The CD has been inserted with the label side facing inward. Load the CD correctly.
- 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 CD **▶||** to start playback.

#### The sound skips.

- Wipe the CD clean (see page 26).
- 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.

- With the system stopped, press **PLAY MODE/ TUNING MODE** repeatedly until “PROGRAM” or “SHUFFLE” disappears to return to Normal Play.



## Tuner

---

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

- Set the proper band and frequency (see page 16).
- Connect the antenna properly (see page 7).
- 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 wire 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.

---

### A stereo FM program cannot be received in stereo.

- Press FM MODE on the remote until “MONO” disappears from the display.
  - See “There is severe hum or noise (“TUNED” or “STEREO” flashes).”, and check the antenna condition.
- 

## 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 22) while checking:
  - if the cords are connected properly.
  - if the cord plugs are firmly inserted all the way.
- Turn on the connected component.
- Refer to the operating instructions included with the connected component and start playing.
- Press FUNCTION repeatedly until “MD” (or “TAPE”) appears in the display.

---

### The sound is distorted.

- Set the volume of the connected component lower.
- 

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

With the system turned on, press DISPLAY, TUNER/BAND and FUNCTION at the same time.

“COLD RESET” appears in the display and the system turns off. All system parameters are reset to their factory settings. Afterwards, be sure to do the followings procedures again: presetting the radio stations, setting the clock and the timer, and labelling the CD.

#### Note

You cannot reset the system in the Power Saving Mode.

## Self-diagnosis display

### Messages

One of the following messages may appear or flash in the display during operations.

---

#### CD

##### Complete!

CD editing (Disc Memo) finished normally.

---

##### File Full

There are already 100 disc titles stored in the system.

---

##### Initialize

The system is being initialized. You cannot load a CD during this time. Wait until “Initialize” disappears from the display.

---

##### No Disc

There is no disc in the CD player.

---

##### —OVER—

You have reached the end of the CD while pressing and holding down ►► during playing pause.

---

##### Push STOP!

You pressed PLAY MODE/TUNING MODE during playback.

---

##### Step Full!

You tried to program 26 tracks (steps) or more.

---

### Precautions

The nameplate is located on the rear exterior.

#### CAUTION

Danger of explosion if battery is incorrectly replaced. Replace only with the same or equivalent type recommended by the manufacturer. Discard used batteries according to the manufacturer's instructions.

#### 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 wall outlet (mains) if it will not be used for an extended period of time. To disconnect the power cord (mains lead), 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 must be changed only at the qualified service shop.

#### On placement

- 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
- Use caution when placing the unit or speakers on surfaces that have been specially treated (with wax, oil, polish, etc.) as staining or discoloration of the surface may result.

#### On heat buildup

- Although the unit heats up during operation, this is not a malfunction.
- To prevent heat build-up in the system, place the system in a location with adequate ventilation and refrain from placing anything on the top of the cabinet.

If you continuously use this system at a large volume, the cabinet temperature of the top, side and bottom rises considerably. To avoid burning yourself, do not touch the cabinet.

To prevent a malfunction, do not cover the ventilation hole for the cooling fan.

#### On operation

If the system is brought directly from a cold place to a warm place, 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.

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

#### On the speaker system

Although this speaker system is magnetically shielded, there may be cases where the picture on some TV sets becomes magnetically distorted. In such a case, turn off the power of 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 a CD, clean the CD surface with a cleaning cloth. Wipe the CD from the center out.
- Do not play a CD with tape, stickers, or adhesives on any of its surfaces as this may damage the system.
- Do not use solvents.
- Do not expose the CDs to direct sunlight or heat sources.
- Discs with non-standard shapes (e.g., heart, square, star) cannot be played on this system. Attempting to do so may damage the system. Do not use such discs.

#### Note on CD-R/CD-RW play

Discs recorded on CD-R/CD-RW drives may not be played back because of scratches, dirt, recording condition or the drive's characteristics. Besides, the discs, which are not yet finalized at the end of recording, cannot be played back.

#### Notes on speakers

Although the rear side of the speakers heats up during operation, this is not a malfunction.

If you continuously use this system at a large volume, the temperature of the rear side of the speakers rises considerably. To avoid burning yourself, do not touch the rear side of the speakers.

#### Cleaning the cabinet

Clean the cabinet, panel and controls with a soft cloth slightly moistened with mild detergent solution. Do not use any type of abrasive pad, scouring powder or solvent such as thinner, benzene or alcohol.

# Specifications

Main unit (HCD-L1)

Amplifier section

For the U.S. model

## AUDIO POWER SPECIFICATIONS

### POWER OUTPUT AND TOTAL HARMONIC DISTORTION:

With 4-ohm loads, both channels driven, from 120 - 10,000 Hz; rated 25 watts per channel minimum RMS power, with no more than 10% total harmonic distortion from 250 milliwatts to rated output.

#### North American model:

Continuous RMS power output (reference):  
 25 + 25 W  
 (4 ohms at 1 kHz, 10% THD)

#### European model:

DIN power output (rated): 20 + 20 W  
 (4 ohms at 1 kHz, DIN)

Continuous RMS power output (reference):  
 25 + 25 W  
 (4 ohms at 1 kHz, 10% THD)

Music power output (reference):  
 25 + 25 W

#### Other models:

The following measured at 220 V AC, 60 Hz  
 DIN power output (rated): 20 + 20 W  
 (4 ohms at 1 kHz, DIN,  
 110 V - 240 V AC)

Continuous RMS power output (reference):  
 25 + 25 W  
 (4 ohms at 1 kHz, 10% THD, 110 V - 240 V AC)

#### Inputs

MD/TAPE IN (stereo minijack):  
 Sensitivity 450 mV (MD)/  
 250 mV (Tape),  
 impedance 47 kilohms

#### Outputs

MD/TAPE OUT (stereo minijack):  
 Sensitivity 250 mV,  
 impedance 1 kilohms

PHONES (stereo minijack):  
 Accepts headphones with  
 an impedance of 8 ohms  
 or more

DIGITAL CD OPTICAL OUT (Supported sampling  
 frequency: 44.1 kHz)

## CD player section

System Compact disc and digital  
 audio system  
 Laser Semiconductor laser  
 ( $\lambda = 795 \text{ nm}$ )  
 Emission  
 duration: continuous  
 Frequency response 2 Hz - 20 kHz

## Tuner section

FM stereo, FM/AM superheterodyne tuner

### FM tuner section

Tuning range  
 North American model: 87.5 - 108.0 MHz  
 (100-kHz step)

Other models:  
 87.5 - 108.0 MHz  
 (50-kHz step)

Antenna FM wire antenna  
 Antenna terminals 75 ohm unbalanced  
 Intermediate frequency 10.7 MHz

### AM tuner section

Tuning range  
 North American model: 530 - 1,710 kHz  
 (with the tuning interval  
 set at 10 kHz)  
 531 - 1,710 kHz  
 (with the tuning interval  
 set at 9 kHz)

European model:  
 531 - 1,602 kHz  
 (with the tuning interval  
 set at 9 kHz)

Other models:  
 530 - 1,710 kHz  
 (with the tuning interval  
 set at 10 kHz)  
 531 - 1,602 kHz  
 (with the tuning interval  
 set at 9 kHz)

Antenna AM loop antenna, external  
 antenna terminal  
 Intermediate frequency 450 kHz

## Speakers (SS-L7)

Speaker system Two-way, bass reflex  
 system  
 Speaker units 10 cm dia., cone type  
 woofer  
 2.5 cm dia., balance drive  
 tweeter

Rated impedance 4 ohms  
 Dimensions (w/h/d) Approx. 149 × 248 ×  
 220 mm

Mass Approx. 1.8 kg net per  
 speaker

continued

## **Specifications (continued)**

### General

#### Power requirements

North American model:	120 V AC, 60 Hz
European model:	230 V AC, 50/60 Hz
Other models:	110 - 240 V AC , 50/60 Hz

#### Power consumption

European model:	See the nameplate 0.2 W (at the Power Saving Mode)
Other models:	See the nameplate

#### Dimensions (w/h/d)

Approx. 293 × 246 ×  
131 mm incl. projecting  
parts and controls

#### Mass

Approx. 3.5 kg

#### Supplied accessories

Remote commander (1)  
AM loop antenna (1)  
FM wire antenna (1)  
Desktop stand (1)  
Stand pad (4)  
Rear cover (1)  
Wall hanging bracket (1)  
Joint connector (2)  
Cord extension (2)

Design and specifications are subject to change  
without notice.