

Compact Hi-Fi Stereo System

Operating Instructions



LBT-D1110

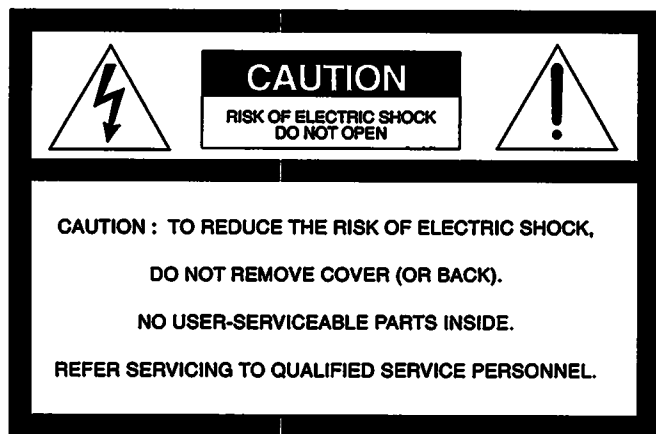
Warning

Owner's Record

The model and serial numbers are located at the rear. Record these numbers in the space provided below. Refer to these numbers whenever you call upon your Sony dealer regarding this product.

Model No. LBT-D1110 Serial No. _____

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



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.

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.

INFORMATION

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.

CAUTION

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

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Precautions

Before operating the system, read the following precautions carefully

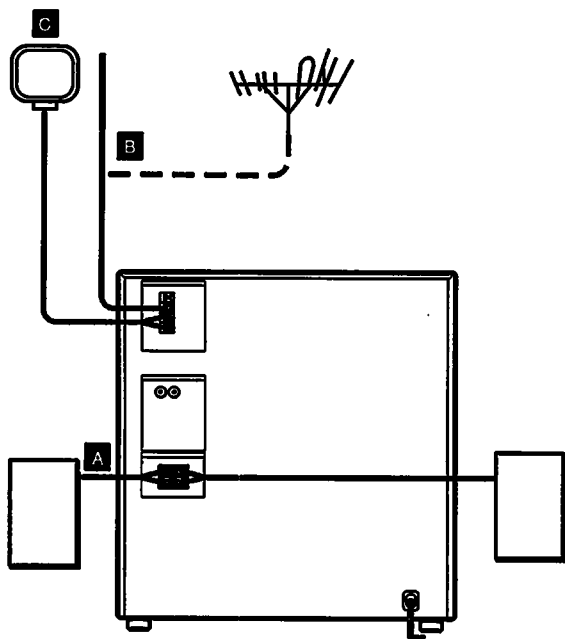
- Operate the unit only on 120 V AC, 60 Hz.
- Unplug the system from the wall outlet if it is not to be used for an extended period of time. To disconnect the cord, pull it out by grasping the plug. Never pull the cord itself.
- Should any solid object or liquid fall into the unit, unplug the unit and have it checked by qualified personnel before any further operation.
- As the laser beam used in this unit is harmful to the eyes, do not attempt to disassemble the cabinet. Refer servicing to qualified personnel only.
- AC power cord must be changed only at the qualified service shop.

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

For detailed precautions, see the leaflet "IMPORTANT SAFEGUARDS".

Connections

Turn all the power off before making any connections.
The diagram below shows the system connections. The letters in the diagram correspond to those in the text.



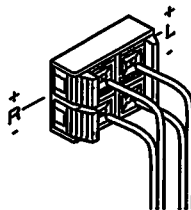
Notes on Connection

- Connect the AC power cord last.
- Cord plugs and jacks are color coded.
Red plugs and jacks are for the right channel (R) and white ones are for the left channel (L).

Speaker Cord Connection

A

- 1 Strip 15 mm of the speaker cord coating from the end of the cord.
- 2 Connect the right speaker to the R (right) speaker terminal, and the left speaker to the L (left) speaker terminal.



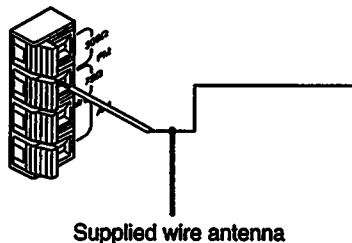
Caution

Connect the supplied speakers only.

FM Antenna Connection

B

Connect the supplied FM wire antenna to the FM 75 Ω terminal and extend horizontally.



How to attach a wire to the terminal

- 1 Press down on the button.



- 2 Insert the wire.



- 3 Push up the button.



For better reception

Connect to an outdoor antenna.

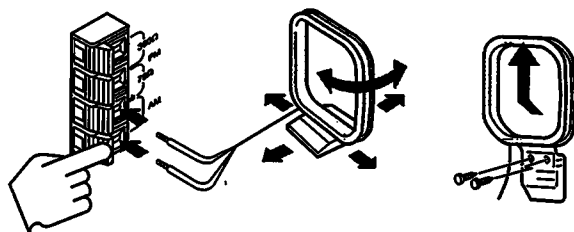
Turning on the Power

AM Antenna Connection

C

Connect the supplied loop antenna to the AM and μ terminals.

You can attach the loop antenna on the wall using commercially available screws.

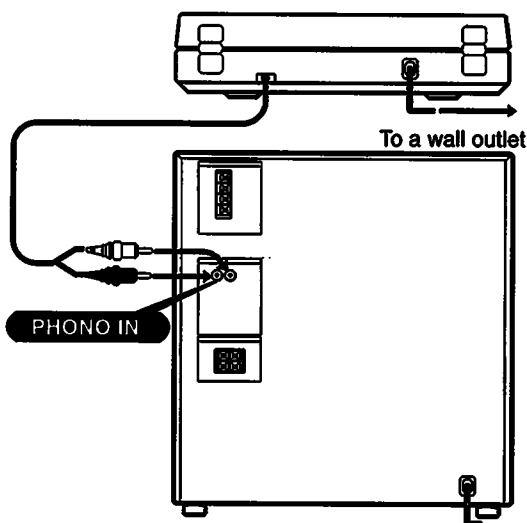


For better reception

Connect an insulated wire of 6 to 15 meters (20- to 50- feet) to the AM terminal

Adding Other Components to the System

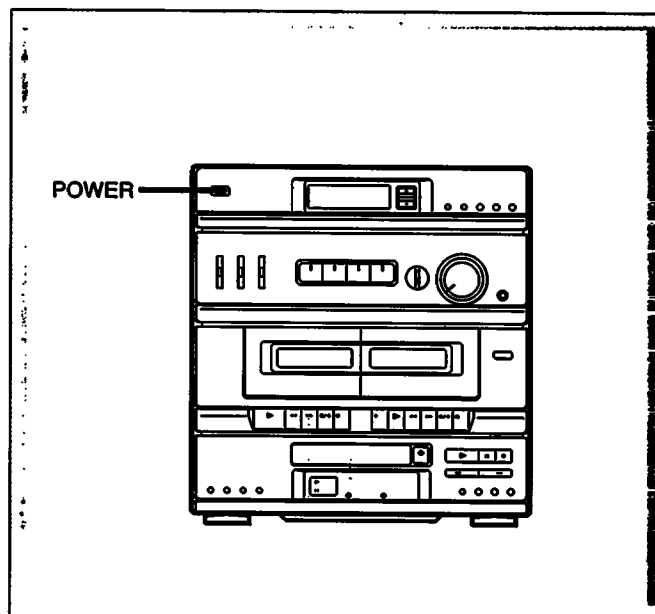
You can connect a turntable PS-LX52 to the compact disc deck receiver. To listen to analog discs, Press the PHONO button.



AC Power Cord

Connect the AC power cord to a wall outlet.

Turn on the power after completing all connections.

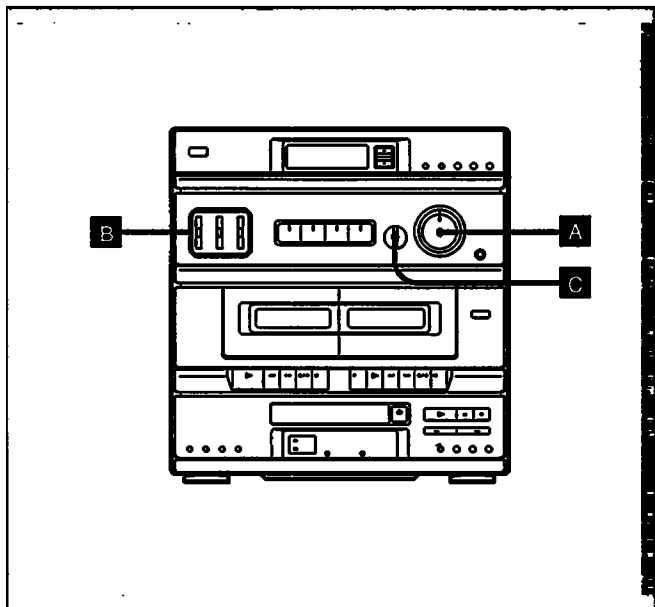


Turn on the compact disc deck receiver.



Basic Sound Adjustments

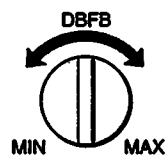
The following operations apply only to reproduced sound.
The letters in the illustration below correspond to those in the text.



Reinforcing the Bass

C

Adjust the DBFB control.



For private listening

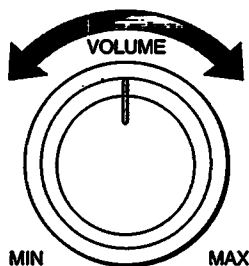
Connect a pair of headphones to the HEADPHONES jack.
No sound is heard from the speakers.

Adjusting the Volume

A

To increase the volume, turn the VOLUME control clockwise.
To decrease it, turn the control counterclockwise.

- Turn down the volume before switching on the unit to prevent possible damage to the speakers.



Adjusting the Sound Quality

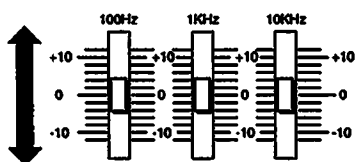
B

Adjust the following 3 BAND GRAPHIC EQUALIZER controls.

100 Hz: Boosts or cuts heavy bass.

1 kHz: Accentuates or dims vocals.

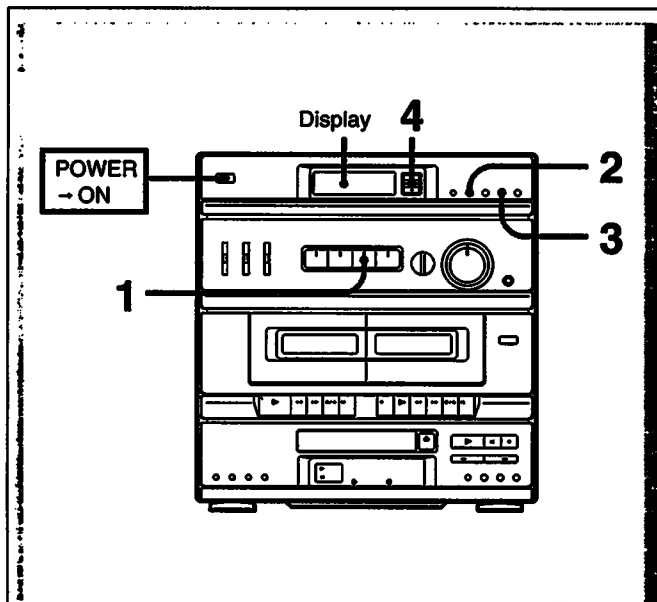
10 kHz: Boosts to a brighter sound or reduces stridency.



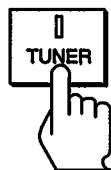
3 BAND GRAPHIC EQUALIZER

Receiving Broadcasts

You can listen to FM and AM stations.



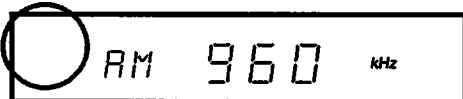
1 Press the TUNER button.



2 Press the TUNING/PRESET button to enter the tuning mode.

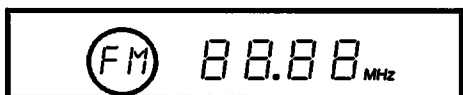
"PRESET" and the preset code disappear.

TUNING/
PRESET

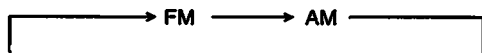


3 Press the BAND SELECT button repeatedly until the desired band appears.

BAND SELECT



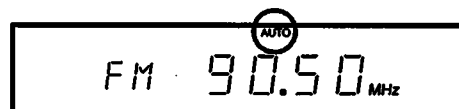
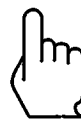
Each time you press the BAND SELECT button, the received band changes as follows:



4 Keep the DUAL MODE TUNING + or - button pressed until "AUTO" blinks.

The unit starts scanning frequencies and stops when it tunes into a station. Repeat this step until the desired station is tuned in.

DUAL MODE TUNING



For receiving FM stations in stereo

Press the ST/MUTE button so that "MUTING" appears.

If you cannot tune in a desired station

A station with a weak signal may be skipped. In this case, tune in the station manually.

- Press the DUAL MODE TUNING + or - button again to stop scanning.
- Press the DUAL MODE TUNING + or - button repeatedly and tune in the exact frequency.

When an FM stereo program is noisy or hard to receive

Press the ST/MUTE button so that "MUTING" disappears from the display. There will be no stereo effect, but the reception will be improved. Press it again to restore the stereo effect.

Note

The controls of the tuner become inactive when you press the CD button.

The "TUNED" indication appears

When a station of sufficient signal strength is tuned in.

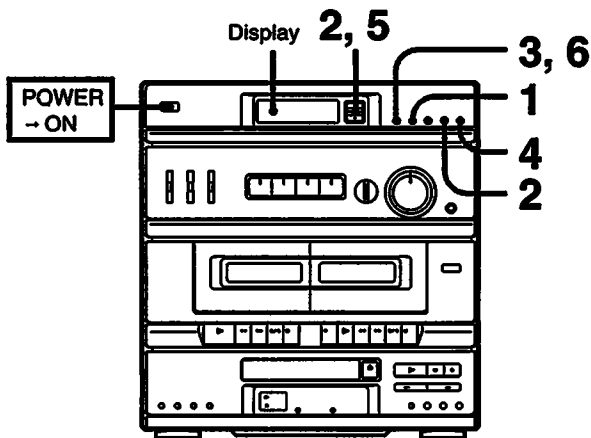
The "STEREO" indication appears

When an FM stereo program of sufficient signal strength is tuned in.

Receiving Broadcasts

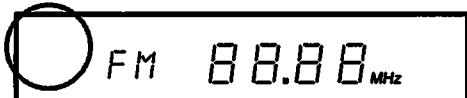
You can store station frequencies in the unit's memory for quick recall later on. Up to 30 frequencies in any band can be stored by specifying a code for each frequency. The code is a combination of a letter – A, B or C – and a number – 0 to 9: A-1, A-2, ..., A-9, A-0, B-1, ..., C-1, ..., C-0.

Storing Stations



- 1 Press the **TUNING/PRESET** button to enter the tuning mode. "PRESET" and the preset code disappear.

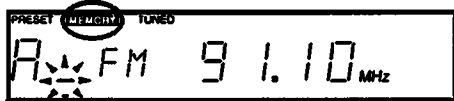
TUNING/
PRESET



- 2 Press the **BAND SELECT** button and the **DUAL MODE TUNING + or -** button to tune in the desired station. (See page 7.)

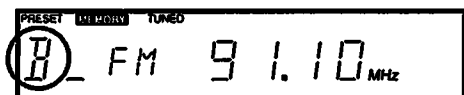
- 3 Press the **MEMORY** button. "PRESET" and "MEMORY" appear and "-" or a number starts blinking.

MEMORY



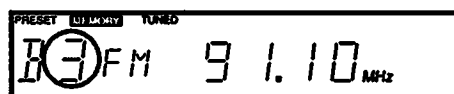
- 4 Press the **SHIFT** button to select a letter (A, B or C).

SHIFT



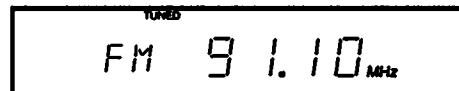
- 5 Press **DUAL MODE TUNING + or -** button to select a number (0 - 9).

DUAL MODE TUNING



- 6 Press the **MEMORY** button. "PRESET" and "MEMORY" disappear. A code is specified and the setting of the ST/MUTE button is also stored. One second later, the code disappears and the tuner enters the tuning mode again.

MEMORY



If you cannot store a station successfully

Be sure to press the buttons for the code while the "MEMORY" indication is displayed. If the indication has gone off, press the MEMORY button again.

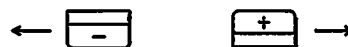
To erase a stored station

Storing a new station on a used code erases the previously stored one.

To set the preset channel directly using the DUAL MODE TUNING buttons

Each time you press the DUAL MODE TUNING buttons at step 5, the preset channel changes as follows:

A1 ↔ A2 ↔ ... ↔ A9 ↔ A0 ↔ B1 ↔ ... ↔ B0 ↔ C1 ↔ C0



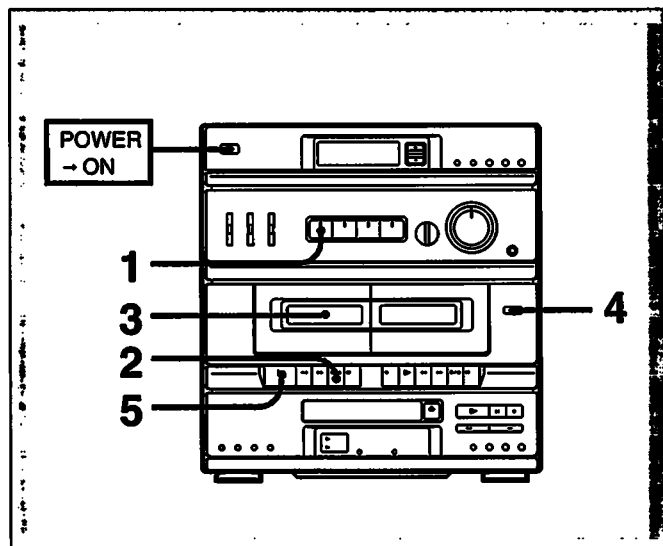
Tuning into a Stored Station

- 1 Press the **TUNING/PRESET** button to enter the preset mode. ("PRESET" and the preset code appear.)
- 2 Press the **SHIFT** button and the **DUAL MODE TUNING + or -** button to specify the code for the desired station.

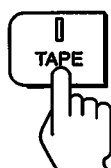
Playing Back Tapes

You can use tapes of type I and II for playback.

Playing Deck A or B



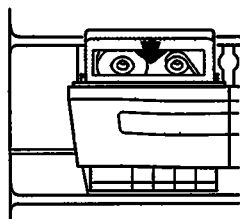
1 Press the TAPE button.



2 Press the  button.



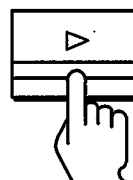
3 Insert a recorded tape.



4 Press the TAPE SELECT button to select tape type.





5 Press the  button. Playback starts.



When the tape is played to the end, the deck stops.

To stop during playback, press the  button.

To fast forward or rewind, press the  or  button.

To pause, press the  PAUSE button. To resume, press the  PAUSE button again.

When both decks are set to play mode
Only the sound from deck B will be heard.

Playing from Deck to Deck—Relay Play

1 Insert tapes into deck A and B.

2 Press the  button on deck B.
Deck B starts playing.

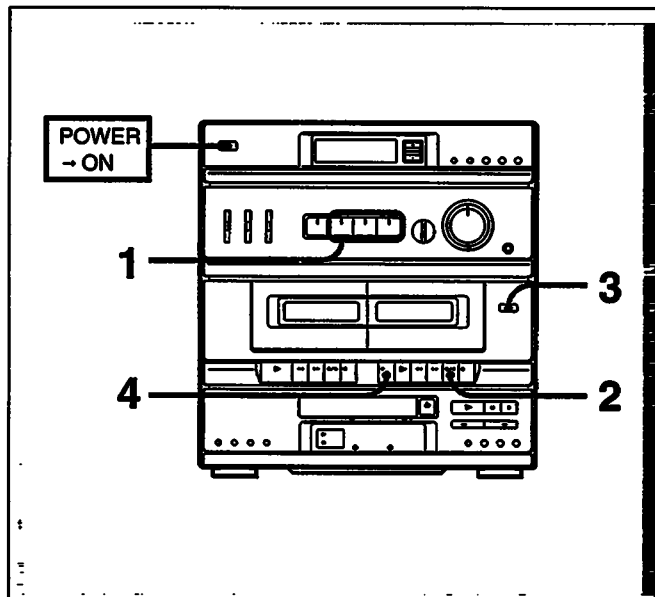
3 Press the  PAUSE button and the  button on deck A.

When the tape in deck B ends, the tape in deck A starts playing.

Recording on Tapes

You can use tape type I and II for recording.

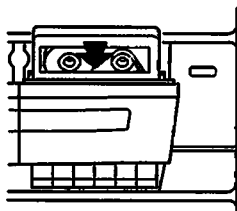
Recording a Tape



- 1** Select a source (except TAPE) with the function selectors.



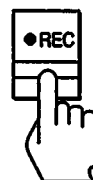
- 2** Insert a blank tape into deck B.



- 3** Press the TAPE SELECT button to select tape type.



- 4** Press the ● REC button and start the selected source.
Recording starts.



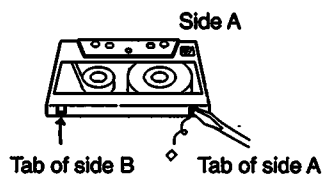
When the tape is recorded to the end, the deck stops.
To stop during recording, press the ■/▲ button.

To start recording more precisely

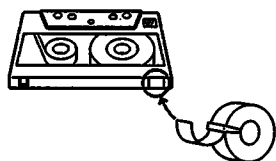
- 1 After steps 1 to 3 above, press the ■ PAUSE button.
- 2 Press the ● REC button.
- 3 Press the ■ PAUSE button again to start recording.

Protecting Your Recording

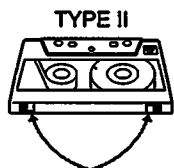
Break off the tab of the side to be protected. For side A, break off the right-hand tab facing the side A up. This prevents further recording on that side.



To record on a protected tape, cover the opening with plastic tape.

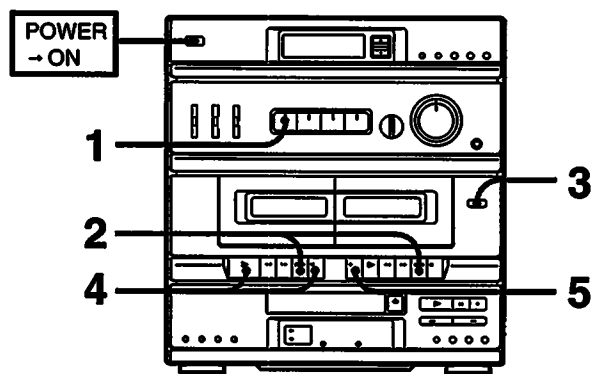


When using type II (CrO₂) tape, take care not to cover the slots used for tape type detection.

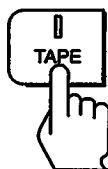


Dubbing Tapes

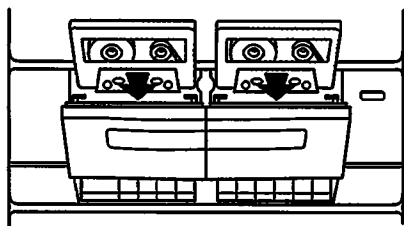
You can dub a tape in deck A onto a tape in deck B.



1 Press the **TAPE** button.



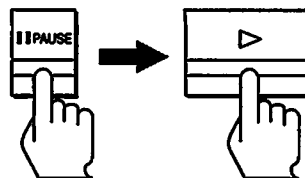
2 Insert a recorded tape into deck A and a blank tape into deck B.



3 Press the **TAPE SELECT** button to select tape type.



4 Press the **PAUSE** button, then the **▶** button on deck A.



5 Press the **REC** button on deck B. Dubbing starts.

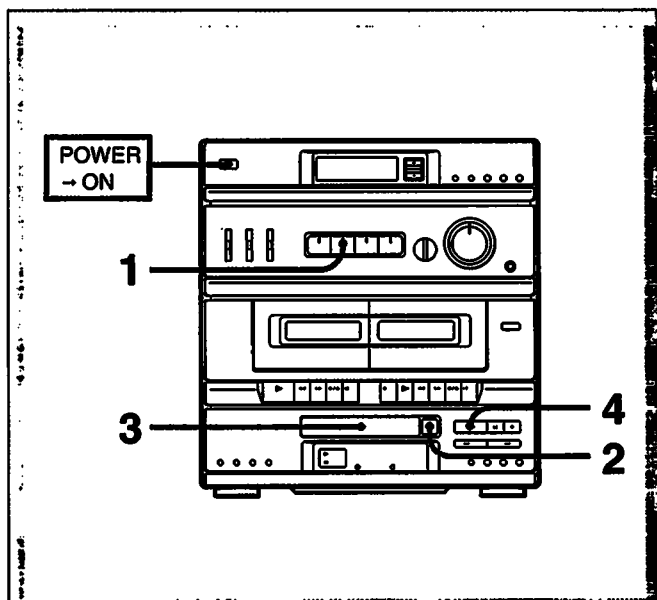


To stop dubbing, press the **■/▲** button on deck A, then press the **■/▲** button on deck B.

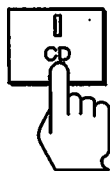
Playing Compact Discs

You can enjoy various play modes provided by the CD player.

Playing the Entire Disc — Continuous Play



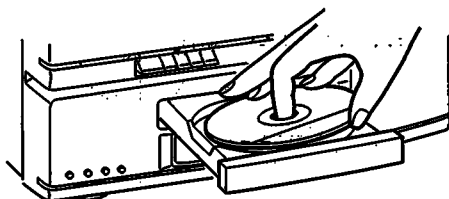
1 Press the CD button.



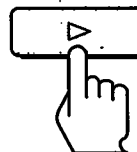
2 Press the \triangle OPEN/CLOSE button.



3 Place a disc with the printed side up on the tray.



4 Press the \blacktriangleright button.



To stop during play, press the \blacksquare button.

To pause, press the || button.

To resume play, press the \blacktriangleright or the || button again.

To stop play and open the tray, press the \triangle OPEN/CLOSE button.

To close the tray without starting play, press the \triangle OPEN/CLOSE button.

To play an 8-cm (3-inch) CD

Place it on the inner circle of the tray. If the disc is provided with an adaptor, first remove it.

Do not put a 12-cm (5-inch) CD upon an 8-cm CD.

If you press any function selector other than the CD button during play

The CD player is turned off and disc play stops.

Caution on volume adjustment

Do not turn up the volume while listening to a portion with very low level inputs or no audio signals. If you do the speakers may be damaged when a peak level portion is played.

On moisture condensation

If the unit 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 unit. Should this occur, the unit will not operate. In this case, remove the disc and leave the unit turned on for about an hour until the moisture evaporates.

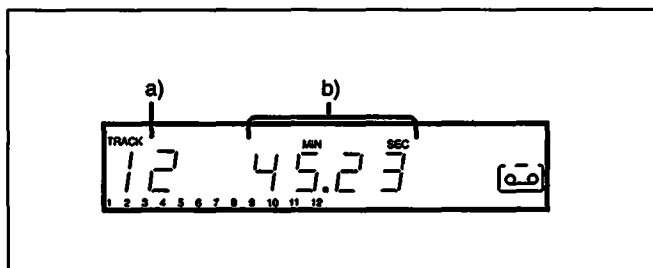
When you select any function selector other than the CD button

The CD player controls become inactive.

Playing Compact Discs

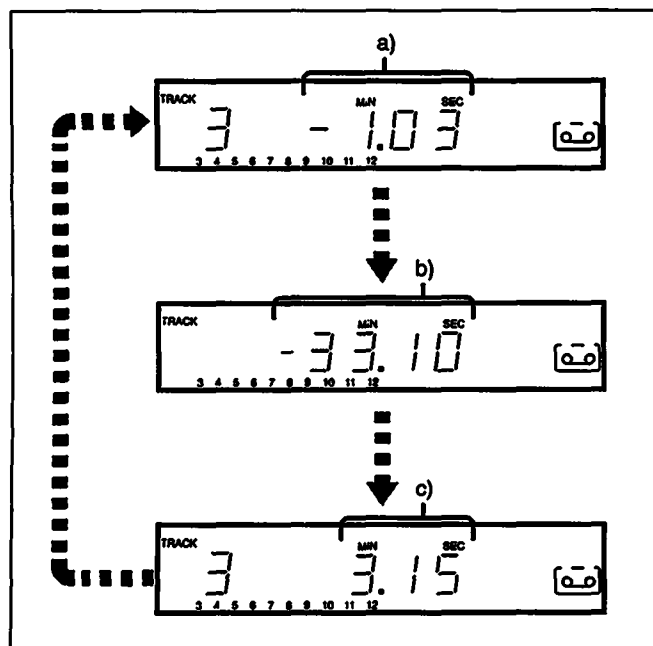
Information in the Display

When you press the Δ OPEN/CLOSE button to close the tray, or press the TIME button in stop mode, the display shows you the following information:
The total number of selections (a)) and the total playing time of the inserted disc (b)).



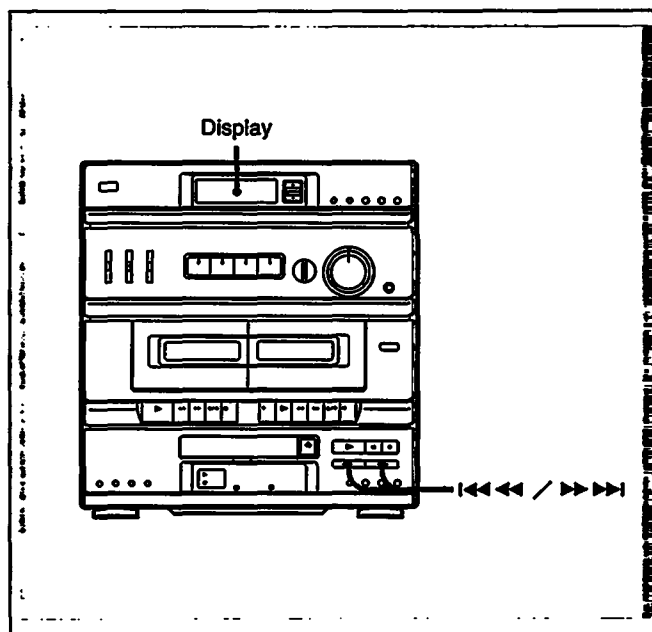
Each time you press the TIME button during play (continuous or program), the display changes to show you the following information:

- Remaining time in the current selection (a)).
If the current selection number is over 20, “— . —” is displayed.
 - Remaining time of the disc (b)).
 - Elapsed playing time (c)).
- During shuffle play, the display switches between a) and c).



The “no disc” indication appears
When there is no disc in the tray.

If you press the TIME button during stop
The total time and total number of selections will be displayed.
If a program is stored, the total number of programmed selections will be displayed.



Locating a Particular Selection

You can locate the beginning of a desired selection during stop, play or pause mode.

To locate the beginning of the current or preceding selection

- Press the \lll button as many times as required.
- Keep the \lll button pressed to skip selections. (This is operable during the stop mode only, when using the button on the main unit.)

To locate the beginning of a succeeding selection

- Press the \ggg button as many times as required.
- Keep the \ggg button pressed to skip selections. (This is operable during the stop mode only, when using the button on the main unit.)

Locating a Particular Point on the Disc

To search quickly while monitoring the sound
Keep the \ggg or \lll button pressed during play, then release it at the desired point.

To search quickly while observing the display

Press the \lll button to pause, then keep the \ggg or \lll button pressed. The search speed will increase but there will be no sound. Watch the display to find the desired point. To resume play, press the \gg or \lll button at the desired point.

The “rr” indication appears

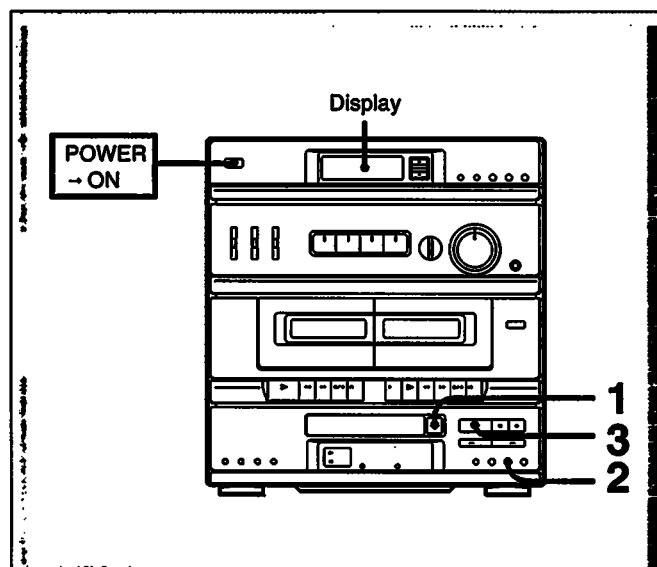
When you reach the end of a disc by continuously pressing the \ggg button.

Press the \lll button to return to normal indication.

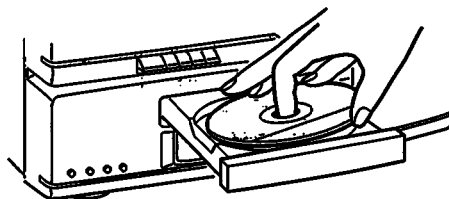
Playing in a Random Order

You can have the selections played in a random order.

Shuffle Play

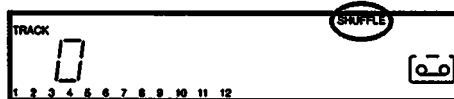


1 Place a disc on the tray.

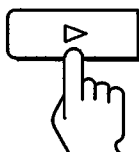


2 Press the **SHUFFLE** button.
"SHUFFLE" appears in the display.

SHUFFLE



3 Press the ► button.
Shuffle play starts.



To stop playing
Press the ■ button.

To cancel shuffle play
Press the CONTINUE button and the unit enters continuous play mode. "SHUFFLE" disappears from the display.

What is this indication?

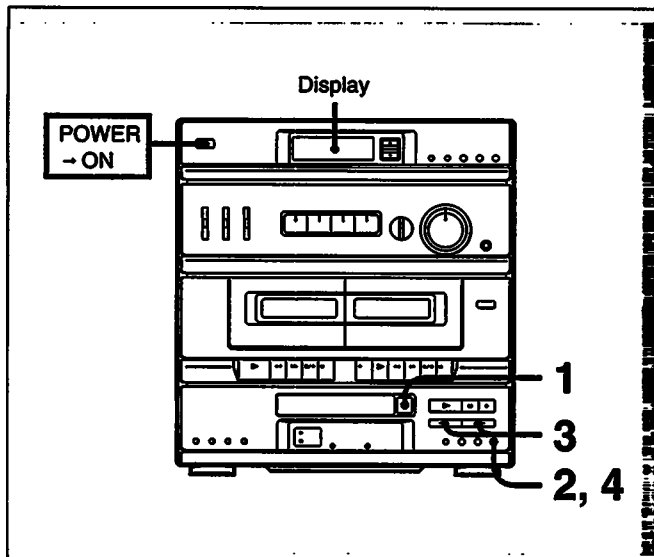


This indication appears while the player is "shuffling" the selections.

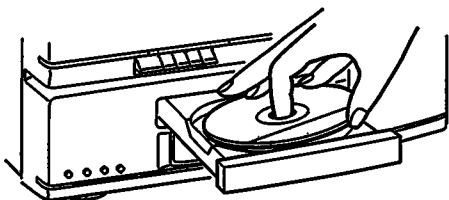
Playing in a Desired Order and Time

You can make a program by designating up to 24 selections in the order you want them to be played. At the same time, you can adjust the total playing time of the program. The unit will play the disc according to your program. You can also insert a pause in your program by pressing the **II** button. Use this function to make a program for both sides of the tape at one time.

Designating the Playing Order



1 Place a disc on the tray.

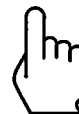


2 Press the **PROGRAM** button.
"PROGRAM" appears in the display.

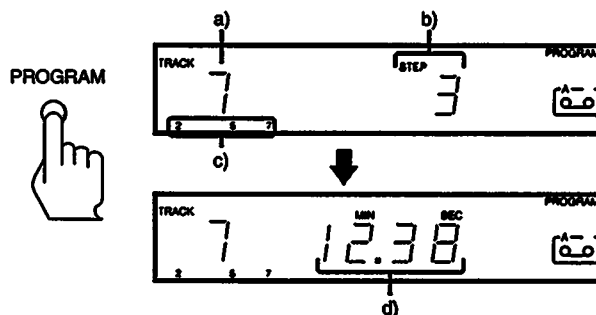
PROGRAM



3 Press the **II** or **SKIP** button to change a selection and check the time.
If satisfactory, go to the next step. If not, choose another selection.



4 Press the **PROGRAM** button to store the selection.



- a) Last programmed selection
- b) The order to be played
- c) Programmed selection numbers
- d) Total playing time of selections

5 Repeat steps 3 and 4.

To play the program
Press the **▶** button.

To stop playing
Press the **■** button.

You can play the same program repeatedly as long as you do not cancel program play or erase the program.

When you press any function selector other than the CD button
The controls of the CD player become inactive and the program will be erased.

To cancel program play

Press the CONTINUE button, the unit enters continuous play mode. The program will be erased.

To erase the entire program

Press the ■ button once during stop; twice during play. The program is also erased when you press the ▲ button, turn off the power or select any other function than the CD button.

If you press the PROGRAM button during continuous or shuffle play

The selection being played will be the first one in the program.

To check your program

Press the CHECK button. The first selection in the program will be displayed.

Each time you press the CHECK button, the next selection in the program will be displayed. After the last selection, "End" will be indicated and the display will soon return to the initial status.

If "--. --" is displayed instead of the actual time

- you have programmed a selection number over 20.
- the total time has exceeded 100 minutes.

Changing Your Program

You can make the following changes before starting play.

To erase the last selection, press the CLEAR button.

Each time you press the CLEAR button, the last selection in the program will be erased.

To delete a selection, press the CHECK button repeatedly until the unwanted selection is displayed. Then press the CLEAR button.

To change the order, press the ■ button during stop to erase the program. Then repeat the programming procedure from the beginning.

Making a Program for Editing a Tape

You can insert a pause in your program by pressing the || button. Use this function to make a program for both sides of the tape at one time.

1 Program the selections for side A

2 Press the || button.

"P" will appear in the display and the total playing time will be reset to 0.


3 Choose selections for side B.

When you start playing, the selections for side A will be played and then the unit will pause with the chosen selections for side B illuminated in the display. Set the tape to the beginning of side B, then press the ► or || button. The selections for side B will be played.

What is the tape indicator?

During program play, the tape indicator shows you which side of the tape is being played.

 : Side A is being played.

 : Side A has been played and the unit is in pause mode, or side B is being played.

To check the remaining time

Press the TIME button once to see the remaining time of the selection being played; twice to see the total remaining time; once more to return to the initial display.

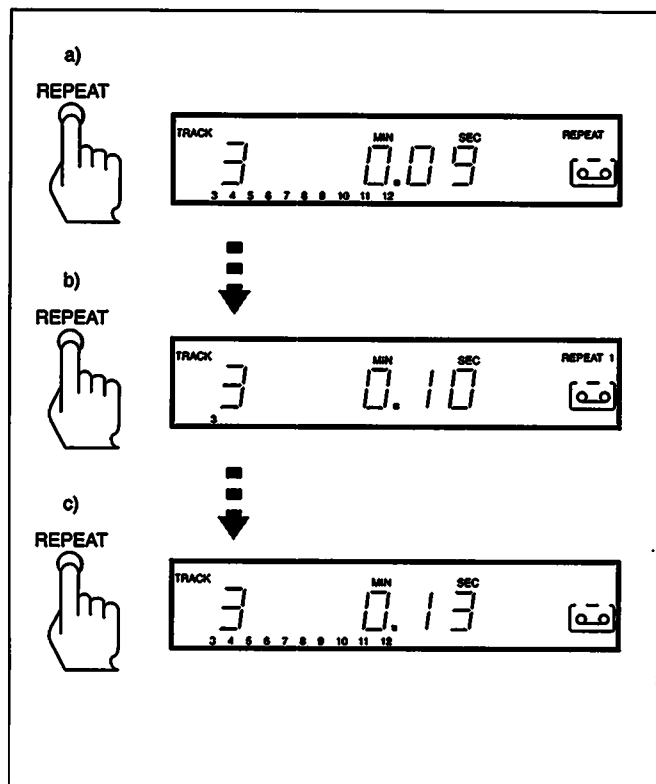
If you have inserted a pause, the display shows the remaining time until the pause.

 appears while checking the program for side A and also

 appears while checking the program for side B.

Playing Repeatedly

You can choose between two different repeat play modes. One repeats selections in the current play mode, the other repeats any particular selection you like.



Repeating Selections

To repeat all selections a)
Press the REPEAT button once. "REPEAT" appears in the display.
The unit will repeat in the current play mode after completing the first play.

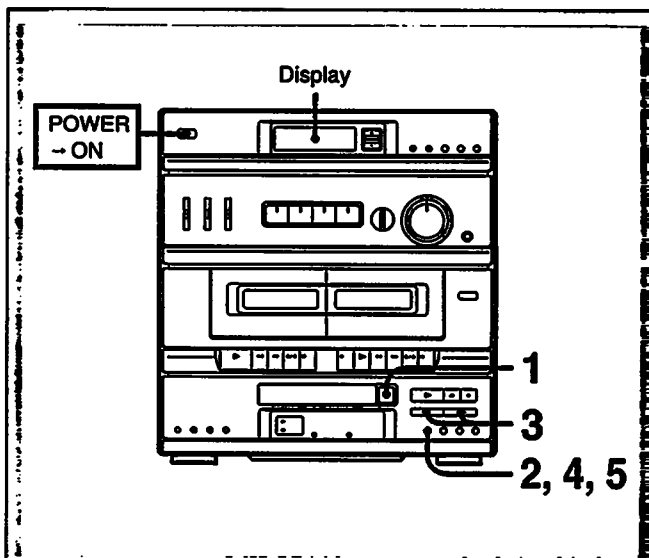
Play mode	Selections to be played
Continuous play	All the selections
Program play	All the programmed selections in the same order
Shuffle play	All the selections that the unit reshuffles

To repeat the selection currently playing b)
(only during continuous play)
Press the REPEAT button again. "REPEAT1" appears in the display. The unit will repeat the current selection.

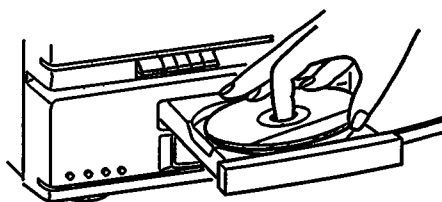
To cancel repeat play c)
Press the REPEAT button again.
In continuous play mode, "REPEAT1" disappears.
In any other play mode, "REPEAT" disappears.

Designating the Total Playing Time

You can designate a playing time and the unit will make two different programs of selections each fitting within that period. Use this function, by designating the length of your tape, for editing both sides of a tape.
This feature, called time edit, sets the playing time of each program within the designated time automatically by choosing selections in numerical order.
You can also program desired selections by priority. In this case, you can designate desired selections beforehand and the remaining selections will be programmed to fit the remaining time.



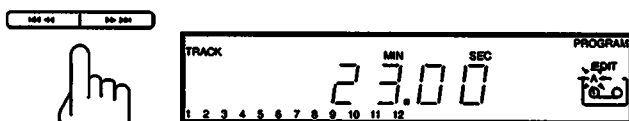
1 Place a disc on the tray.



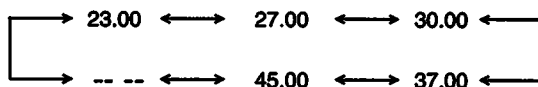
2 Press the EDIT button and display "EDIT".



3 Press the **⏮ ⏪ / ⏩ ⏭** button.



Each time you press the **⏮ ⏪ / ⏩ ⏭** button, the display changes to give you the following duration.

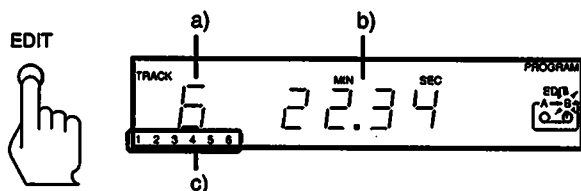


To adjust the seconds

Keeping the **⏮ ⏪ / ⏩ ⏭** button pressed changes the set time by 10 second intervals.

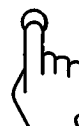
4 Press the **EDIT** button.

The selections for program A are determined



5 Press the **EDIT** button once more while "B" in the tape indicator is blinking. Another program for the other side is completed.

EDIT



To play the program

Press the **▶** button.

The selections for side A will be played and then the unit will pause. Set the tape to the beginning of side B, then press the **▶** or the **⏭** button. The selections for side B will be played.

To stop playing

Press the **■** button.

You can play the same program repeatedly as long as you do not cancel the edit or erase the program.

To cancel the edit

Press the **CONTINUE** button and put the unit into continuous play mode.

The program will be erased.

To erase the entire program

Press the **■** button once during stop; twice during play. The program is also erased when you turn off the unit.

To check the program

See page 17.

If your disc has more than 20 selections

Selections with numbers greater than 20 cannot be programmed with the time edit function; use the programming procedure on page 16.

To designate a different time for each side

Execute steps 1 to 4 on pages 18 and 19, then press the **⏭** button. Then execute steps 2 to 4 for the other side.

If you have included desired selections in the program

The program will consist of the selections of your choice plus other ones for the unit to fit the program as close to the designated period as possible.

Maintenance


Keep your system in good condition to obtain the best sound.

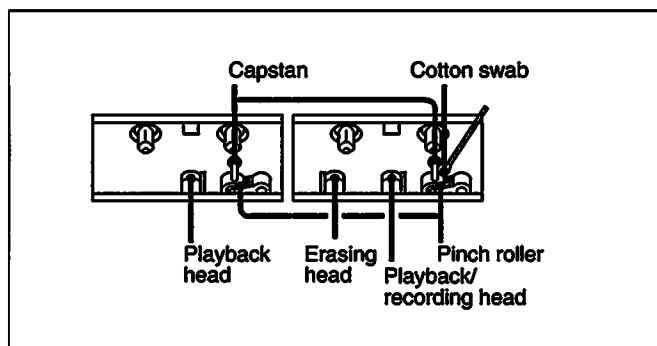
Cleaning the Cabinets

Use a soft cloth lightly moistened with a mild detergent solution.

Cleaning Heads and Tape Path

Clean after every 10 hours of use and before recording.

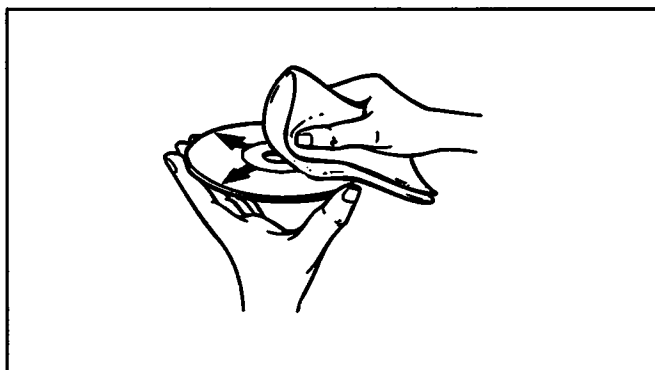
- 1 Press the  button to open the cassette holder.
- 2 Moisten a cotton swab slightly with cleaning fluid or alcohol.
- 3 Wipe heads, pinch roller and capstans.



Do not insert a cassette until cleaned areas are completely dry.

Cleaning Discs

When a disc becomes dirty, clean it with a cleaning cloth. Wipe the disc from the center outward. Do not use solvents such as benzine, thinner, commercially available cleaners or anti-static spray intended for analog



Specifications

Tuner
System FM stereo
 FM/AM superheterodyne tuner

FM tuner section
Tuning range 87.5 to 108 MHz
Antenna 300 ohms balanced
 75 ohms unbalanced

Intermediate frequency 10.7 MHz

AM tuner section
Tuning range 530 to 1,710 kHz
Antenna AM loop antenna
 External antenna terminal

Intermediate frequency 450 kHz

Amplifier

Input	Jack type	Sensitivity	Impedance
PHONO	Phono	3 mV	47 kilohms

Output	Jack type	Impedance
HEADPHONES	Stereo phone	Accepts headphones of 8 ohms or more

Frequency response 15 Hz to 50 kHz ± 3 dB

Cassette deck

Recording system 4-track 2-channel stereo
Frequency response With Type II cassette (Sony UX-S)
 40 Hz to 14 kHz (± 3 dB)

With Type I cassette (Sony HF-S)
 40 Hz to 13 kHz (± 3 dB)

Wow and flutter 0.1% (WRMS)

Compact disc player

Laser Semiconductor laser ($\lambda=780$ nm)
Laser output Max. 44.6 μ W*
 *This output is the value measured at a distance of about 200 mm from the objective lens surface on the Optical Pick-up Block.

Frequency response 2 Hz to 20 kHz ± 1 dB

Signal-to-noise ratio More than 93 dB

Dynamic range More than 90 dB

Harmonic distortion Less than 0.01% (1 kHz)

Channel separation More than 90 dB (1 kHz)

General

Power requirements 120 V AC, 60 Hz

Power consumption 35 W

Mass Approx. 7.5 kg (16 lb 9 oz)

Dimensions Approx. 355 x 380 x 325 mm
 (14 x 15 x 12 $\frac{7}{8}$ inches)
 (w/h/d, including projections)

Speaker systems

Speaker system 2-way
Mass Approx. 2.9 kg (6 lb 6 oz), per speaker
Dimensions Approx. 220 x 375 x 175 mm
 (8 $\frac{3}{4}$ x 14 $\frac{7}{8}$ x 7 inches)(w/h/d)

Accessories supplied

FM wire antenna (1)

AM loop antenna (1)

Design and specifications are subject to change without notice.

Troubleshooting Guide

Before going through the check list below, first refer back to the connections and operating procedures.
Should any problem persist after you have made these checks, consult your nearest Sony service facility.

General

Symptom	Cause	Remedy
No power.	AC power cord is not connected securely.	Connect the AC power cord securely.
No sound.	Volume is not turned up.	Turn up the volume.
	Wrong connection.	Connect the speaker cords correctly.
Reversed left and right sound.	Wrong connection.	Connect the speaker cords correctly.
Severe hum or noise.	Loose connections.	Make connections securely.
	Unit is near TV or VCR.	Move TV or VCR away from the unit.

Tuner

Symptom	Cause	Remedy
The "TUNED" or "STEREO" indication blinks.	Antenna is not aimed in the right direction.	Adjust the location and direction of the antenna.
	Weak signal.	Connect to an external antenna if the indication still blinks.
Severe hum or noise.	Antenna is not aimed in the right direction.	Adjust the location and direction of the antenna.
	Weak signal.	Connect to an external antenna if hum or noise still interferes with reception.

Cassette deck

Symptom	Cause	Remedy
You cannot play back a tape.	II PAUSE is engaged.	Press the II PAUSE button to release the unit from the pause mode.
You cannot record on a tape.	The tab has been removed from the cassette.	Cover the opening with plastic tape.
You cannot dub tapes.	The tab of the cassette in deck B has been removed.	Cover the opening with plastic tape.
Unclear recording or playback.	Dirty head.	Clean and demagnetize the recording/playback head.
Excessive wow or flutter, or sound dropout.	Dirty capstan and pinch roller.	Clean the capstan and pinch roller.
Incomplete erasure.	Magnetized head.	Demagnetize the erasing head.

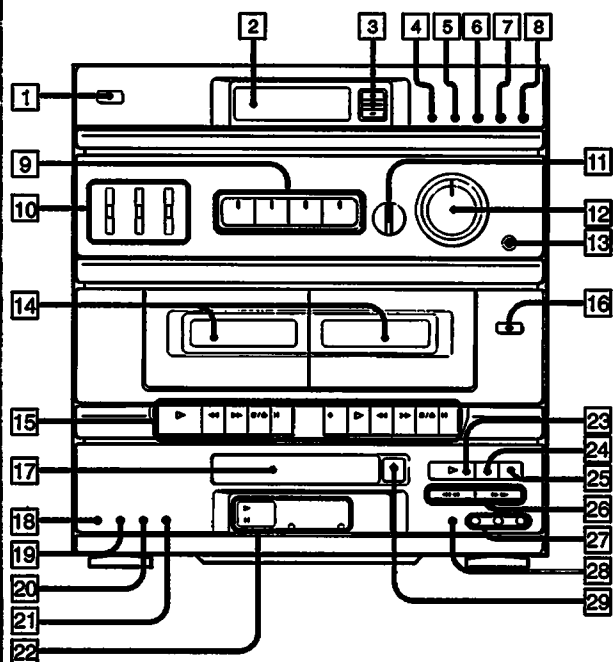
CD player

Symptom	Cause	Remedy
The disc tray does not close.	The disc is not placed correctly.	Place the disc correctly on the disc tray.
Play does not start.	Dirty disc.	Clean the disc.
	The disc is inserted upside down.	Insert the disc with the printed side up.
	III is engaged.	Press the ► or III button again to release it.
	Moisture condensation.	Leave the unit turned on for approximately one hour.
Play does not begin from the first selection.	The unit is in the program or shuffle mode.	Press the CONTINUE button.

Location of Controls

Refer to the pages indicated in parentheses for details.

HCD-D108G



Compact Disc Deck Receiver HCD-D108G

Tuner section

- 1 POWER switch (page 5)
- 2 Display window
- 3 DUAL MODE TUNING +/- buttons (pages 7, 8)
- 4 MEMORY button (page 8)
- 5 TUNING/PRESET button (page 8)
- 6 ST/MUTE button (page 7)
- 7 BAND SELECT button (page 7)
- 8 SHIFT button (page 8)

Amplifier section

- 9 Function selectors and indicators
- 10 3 BAND GRAPHIC EQUALIZER controls (page 6)
- 11 DBFB (dynamic bass feedback) control (page 6)
- 12 VOLUME control (page 6)
- 13 HEADPHONES jack (page 6)

Cassette deck section

- 14 Cassette holders
- 15 Tape operating buttons
 - ▶ (play) button, ■/▲ (stop / eject) button, ►► (rightward fast winding) button, ◄◄ (leftward fast winding) button,
 - ⏏ PAUSE button, ● REC button (only for deck B)
- 16 TAPE SELECT button (pages 9, 10, 12)

Compact disc player section

- 17 Disc tray
- 18 TIME button (page 14)
- 19 REPEAT button (page 18)
- 20 CHECK (program check) button (page 17)
- 21 CLEAR (program clear) button (page 17)
- 22 ► PLAY, ⏏ PAUSE indicators
- 23 ► (play) button (page 13)
- 24 ⏏ (pause) button (page 13)
- 25 ■ (stop) button (page 13)
- 26 ◄◄ ◄◄ / ►► ►► (AMS*) buttons (page 14)
- 27 PLAY MODE buttons
 - PROGRAM button (page 16)
 - SHUFFLE button (page 15)
 - CONTINUE button (pages 15, 17, 19)
- 28 EDIT button (pages 18, 19)
- 29 ▲ OPEN/CLOSE button (page 13)

* AMS is the abbreviation of Automatic Music Sensor.