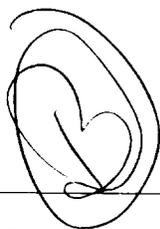


SONY

COMPACT DISC PLAYER



3-765-967-21 (1)

COMPACT
disc
DIGITAL AUDIO

CDP-C5F

OPERATING INSTRUCTIONS

Before operating the unit, please read this manual thoroughly and retain it for future reference.



OWNER'S RECORD

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

Model No. CDP-C5F

Serial No. _____

WARNING

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.

INFORMATION

This equipment generates and uses radio frequency energy and if not installed and used properly, that is, in strict accordance with the manufacturer's instructions, may cause interference to radio and television reception. It has been type tested and found to comply with the limits for a Class B computing device in accordance with the specifications in Subpart J of Part 15 of FCC Rules, which are designed to provide reasonable protection against such interference in a residential installation. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause 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 the receiving antenna

Relocate the equipment with respect to the receiver

Move the equipment away from the receiver

Plug the equipment into a different outlet so that equipment and receiver are on different branch circuits.

If necessary, the user should consult the dealer or an experienced radio/television technician for additional suggestions. The user may find the following booklet prepared by the Federal Communications Commission helpful:

"How to Identify and Resolve Radio-TV Interference Problems". This booklet is available from the U.S. Government Printing Office, Washington, DC 20402, Stock No. 004-000-00345-4.

CAUTION

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

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FEATURES

Compact disc player with 5 disc trays

Plays up to 5 discs continuously with its disc compartment having 5 disc trays (MULTI play).

Direct access to the desired disc

Any disc in the compartment can be played with the DISC SELECT button any time you want (MULTI PLAY).

Various functions

- PROGRAM play function for playing up to 32 selections on any disc in a desired order
- SHUFFLE play function for playing the selections in a random order
- Repeat function for normal, PROGRAM and SHUFFLE play in either SINGLE or MULTI mode

Memory back up

The programmed playback order is retained for approximately 3 days with the power turned off or with the disc compartment being opened. This allows you to confirm the programmed order referring to the disc labels with the compartment open.

PRECAUTIONS

On safety

- Operate the unit only on 120 V AC.
- Should any liquid or solid object fall into the cabinet, unplug the unit and have it checked by qualified personnel before operating it any further.
- Unplug the unit 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.
- As the laser beam used in this Compact Disc player is harmful to the eyes, do not attempt to disassemble the cabinet. Refer servicing to qualified personnel only.

On installation

- Do not install the unit in a location near heat sources such as radiators or air ducts, or in a place subject to direct sunlight, excessive dust, mechanical vibration or shock.
- Good air circulation is essential to prevent internal heat build-up in the unit. Place the unit in a location with adequate air circulation. Do not place the unit on a soft surface, such as a rug that would block the ventilation holes on the bottom.

On moisture condensation

If the player is brought directly from a cold to a warm location, or is placed in a very damp room, moisture may condense on the lenses inside the unit. Should this occur, the player will not operate. In this case, remove the disc and leave the player turned on for about an hour to evaporate the moisture.

On operation

When the unit is not used, turn the power off, to conserve energy and to extend the useful life of your unit.

On cleaning the cabinet

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

On repacking

Do not throw away the carton and the packing material. They make an ideal container to transport the unit in.

On transportation

When the player is to be transported, remove all the discs from the disc compartment.

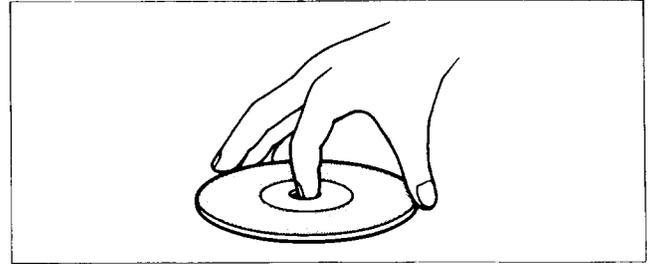
For the customers in the USA

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

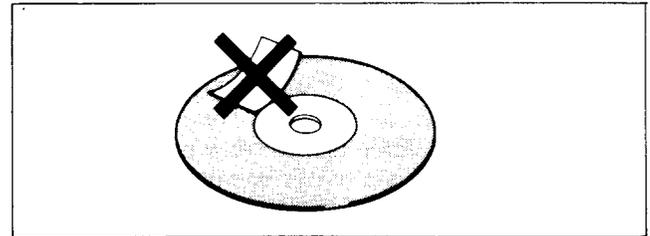
If you have any question or problems concerning your unit, please contact your nearest Sony dealer.

NOTES ON COMPACT DISCS

Handle the disc by its edge, and to keep the disc clean, do not touch the rainbow colored surface.



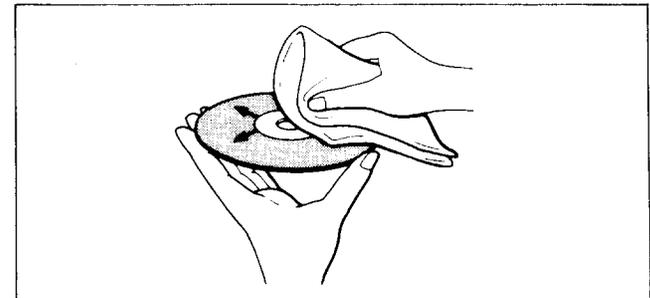
Do not stick paper or tape on the labeled surface.



Do not expose the disc to direct sunlight or heat sources such as hot air ducts, or leave it in a car parked in direct sunlight where there can be a considerable rise in the temperature.

Before playing, clean the disc with the optional cleaning cloth.

Wipe the disc from the center out.



Do not use solvents such as benzine, thinner, commercially available cleaners or anti-static spray intended for records.

After playing, store the disc in its case.

LOCATION AND FUNCTION OF CONTROLS

Refer to the pages indicated in ● for details.

FRONT PANEL

DISC SELECT buttons and indicators 11 13

Remote sensor 8

Disc compartment 11 12
Contains up to 5 discs.

HEADPHONES jack and LEVEL (headphones level) control

POWER switch

TIMER switch 20

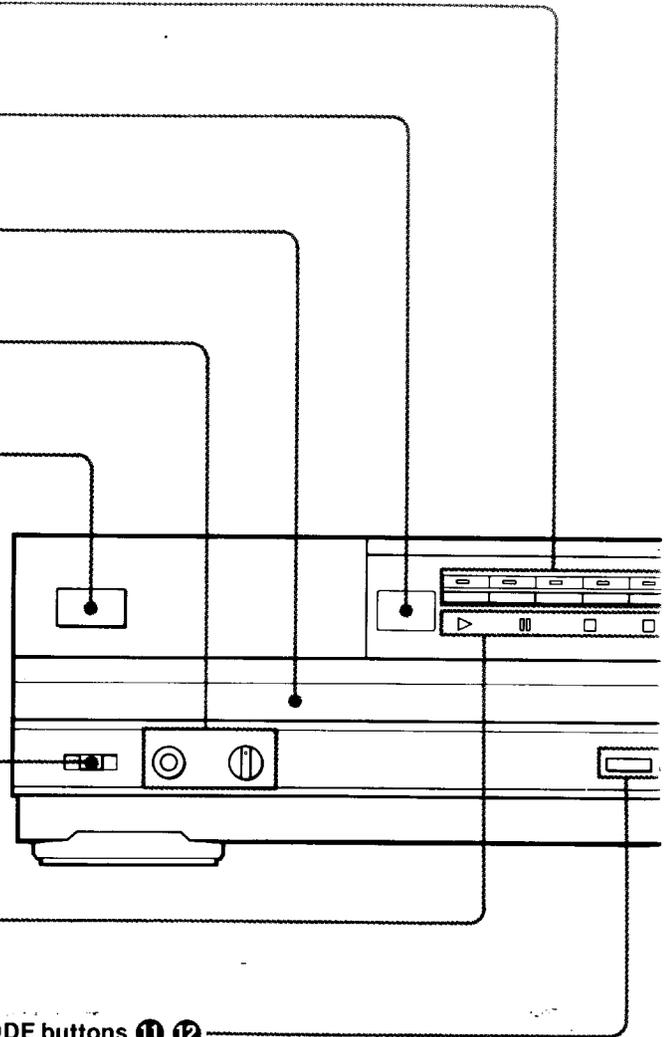
Mode indicators

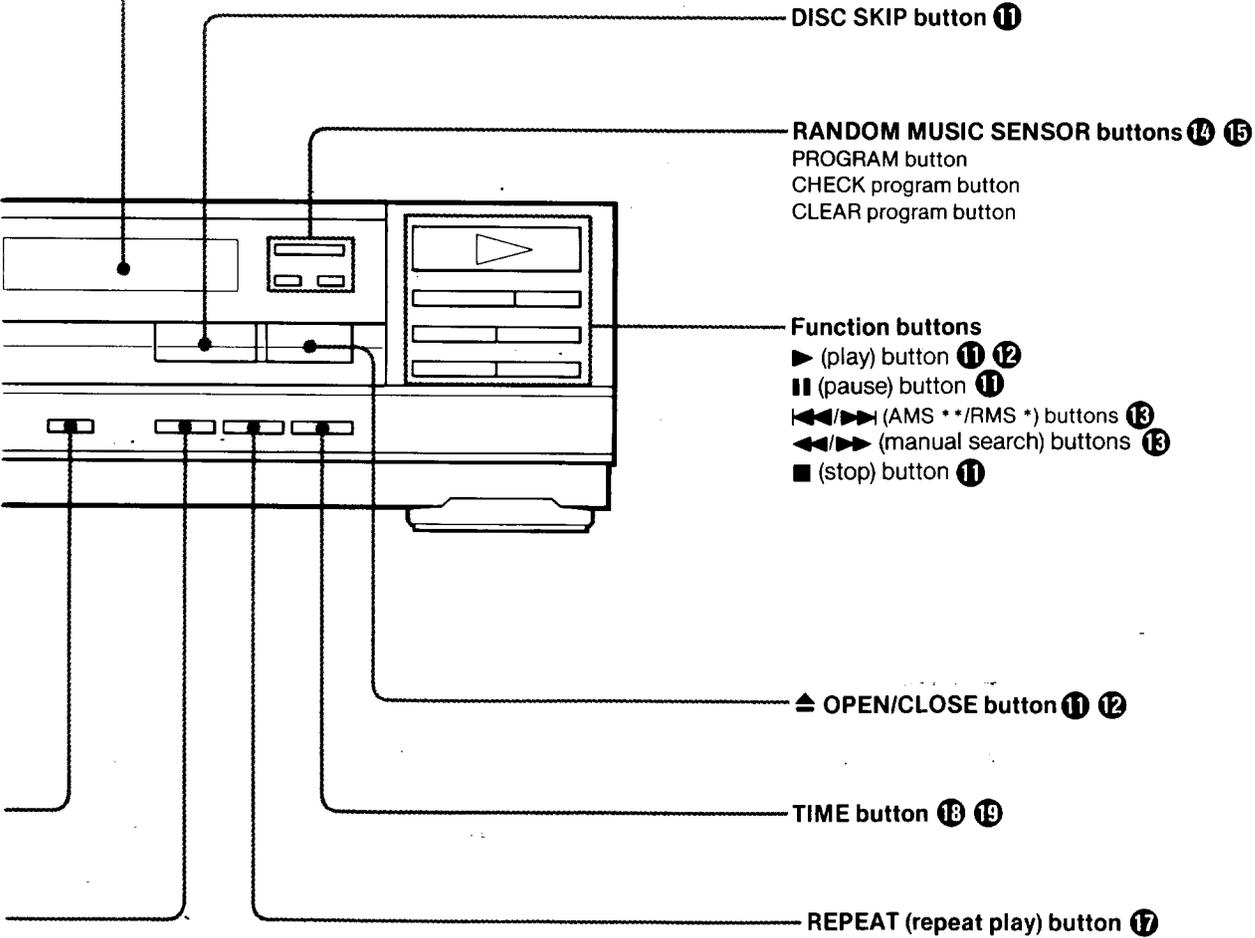
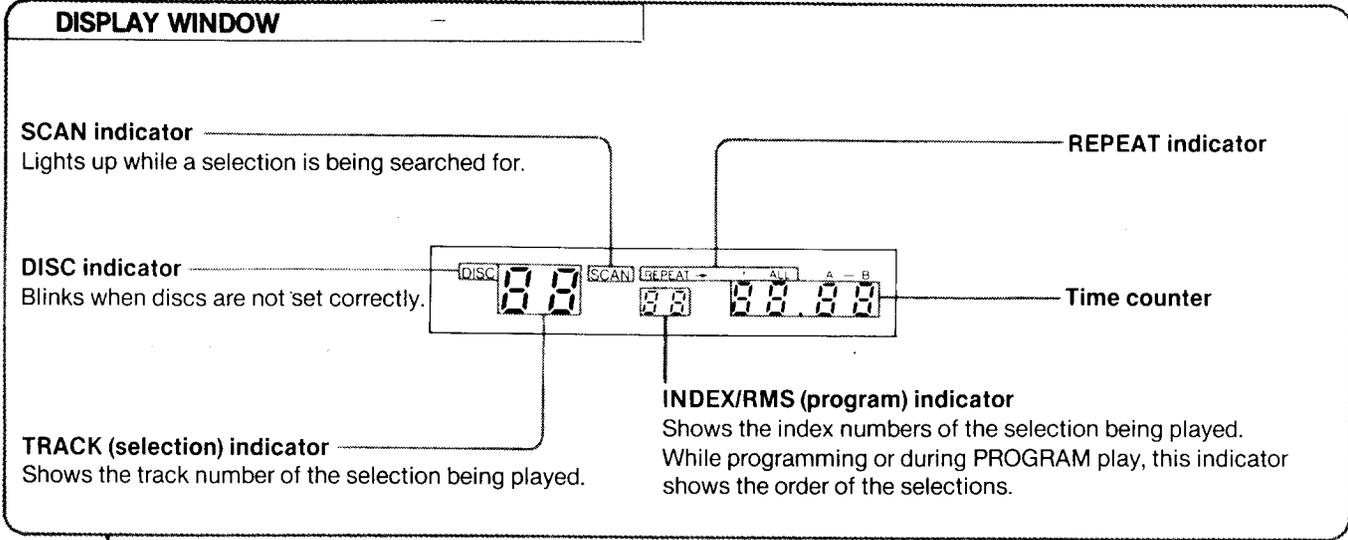
- ▶ PLAY: Lights up while playing and during pause.
- || PAUSE: Lights up during pause.
- SHUFFLE: Lights up during SHUFFLE play.
- RMS* (program) indicator: Lights up while programming and during PROGRAM play.

DISC PLAY MODE buttons 11 12

AUTO PAUSE switch 18

SHUFFLE play button 16

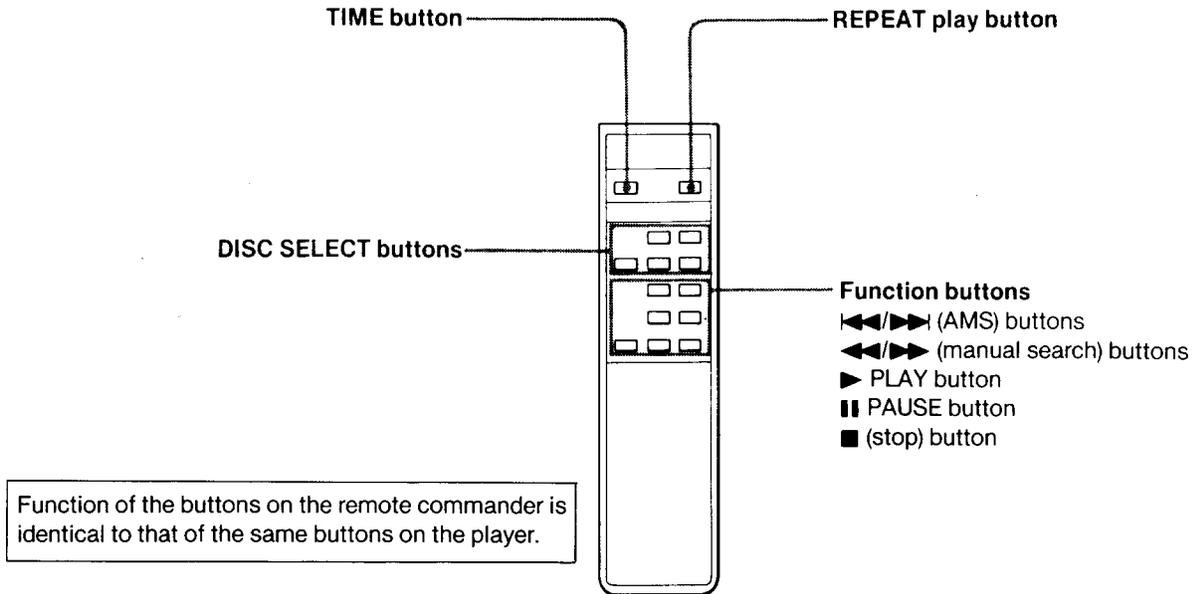




* RMS is an abbreviation of Random Music Sensor.
** AMS is an abbreviation of Automatic Music Sensor.

LOCATION AND FUNCTION OF CONTROLS

REMOTE COMMANDER

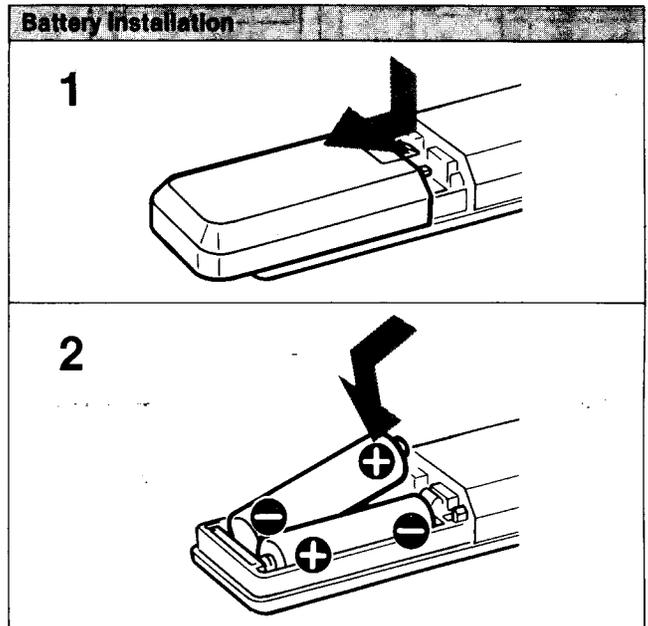


REMOTE CONTROL OPERATION

Once the POWER switch is turned on, you can remotely control the various functions of the player with the RM-D5 remote commander (supplied).

Notes on the remote control

- Keep the commander away from extremely hot or humid places.
- Avoid dropping any foreign objects into the commander cabinet, particularly when replacing batteries.
- To avoid a malfunction, do not simultaneously depress two or more buttons.
- Avoid exposure of the remote sensor to direct sun or lighting apparatus. Such exposure can cause a malfunction.
- Be sure to point the head of the remote commander to the remote sensor of the CD player. The operating range is limited.



Notes on batteries

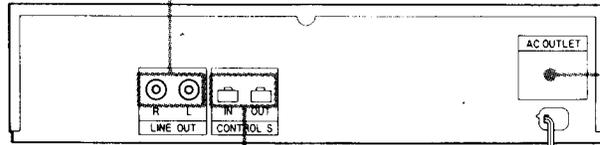
- In normal operation, battery life is up to half a year. When the battery is exhausted, the remote commander will not operate the unit. In this case, replace both batteries with new ones.
- When the commander is not to be used for a long period of time, remove the batteries to avoid damage from possible battery leakage.

CONNECTIONS

DESCRIPTION ON REAR PANEL

LINE OUT (audio output) jacks

Connect these jacks to the CD or auxiliary input jacks of an amplifier.



CONTROL S IN/OUT connectors (4-pin)

When the CONTROL S IN connector is connected to the CONTROL S OUT connector of an audio equipment with CONTROL S connectors, the remote sensor of the connected equipment can be used to receive the commands emitted from the remote commander of both the CDP-C5F and the connected equipment.

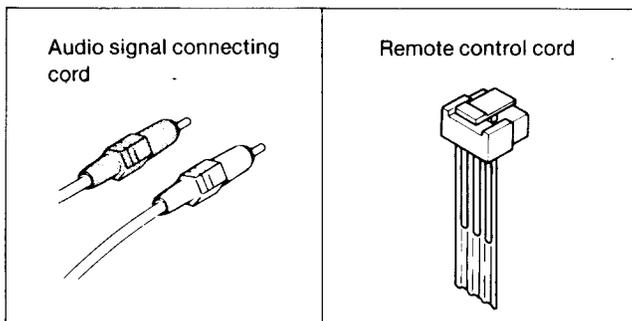
The CONTROL S OUT connector is to be connected to the CONTROL S IN connector of another audio equipment.

AC outlet (unswitched)
Used to power other audio components whose power consumption is less than 100 watts.

AC power cord

BEFORE CONNECTION

Supplied connecting cords



Power cord

A white mark is visible on one lead of the power cord. This will help you drive the CD player and other components in the system "in phase" by aligning the AC power cord polarities with AC outlet polarities.

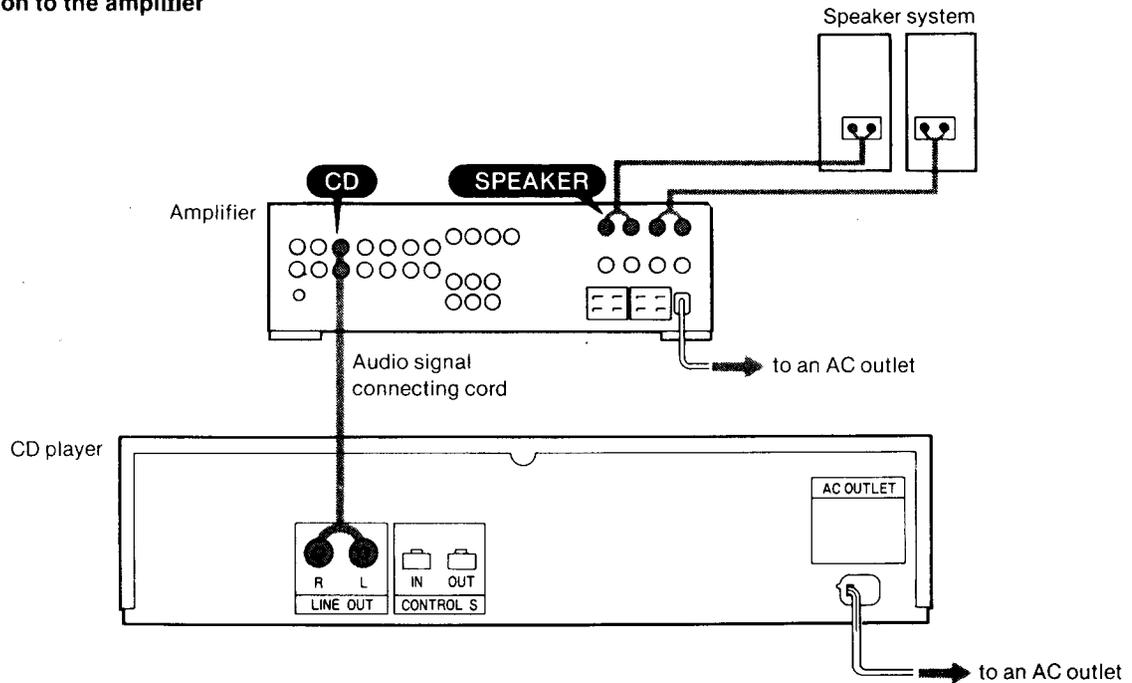
In most cases, the marked plug of the CD player's power cord should be inserted into the negative potential of the AC outlet.

Notes on connection

- Turn off the amplifier before making connections.
- Be sure to insert the plugs firmly into the jacks. Loose connections may cause hum and noise.
- Leave a little slack in the connecting cord to allow for inadvertent shock or vibration.
- Connect the red plug of the supplied connecting cord to the right-channel jack (R) of the amplifier and the white plug to the left-channel jack (L). Otherwise, the right and left channels will be reversed.

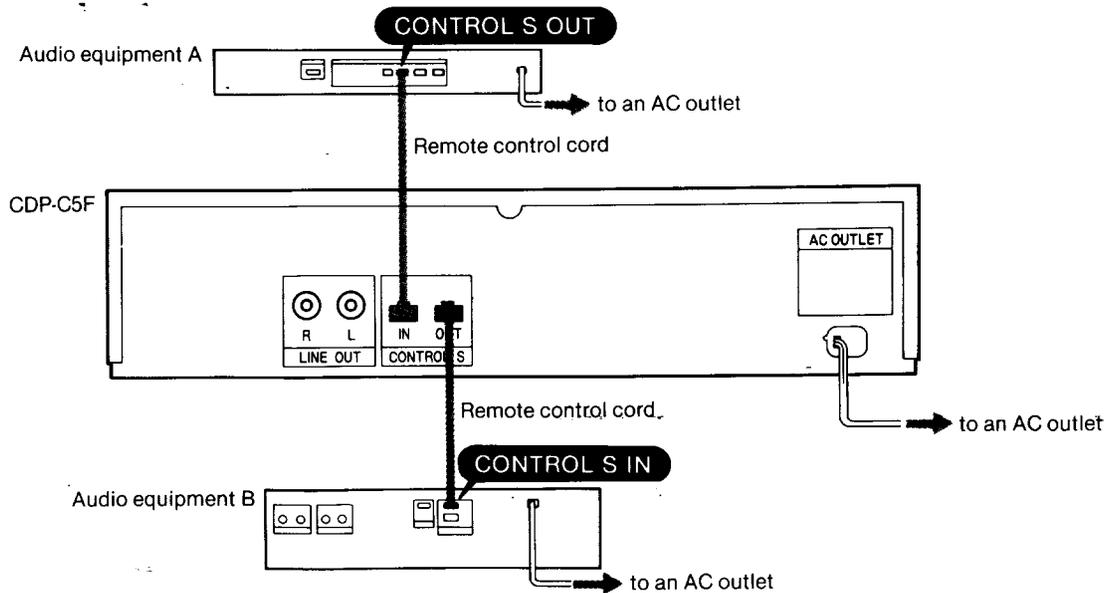
CONNECTION DIAGRAM

Connection to the amplifier



Connection for total system remote control

In the following connection, only the remote sensor of the audio equipment A can be used for the remote commanders of the CDP-C5F, audio equipment A and audio equipment B.



Note

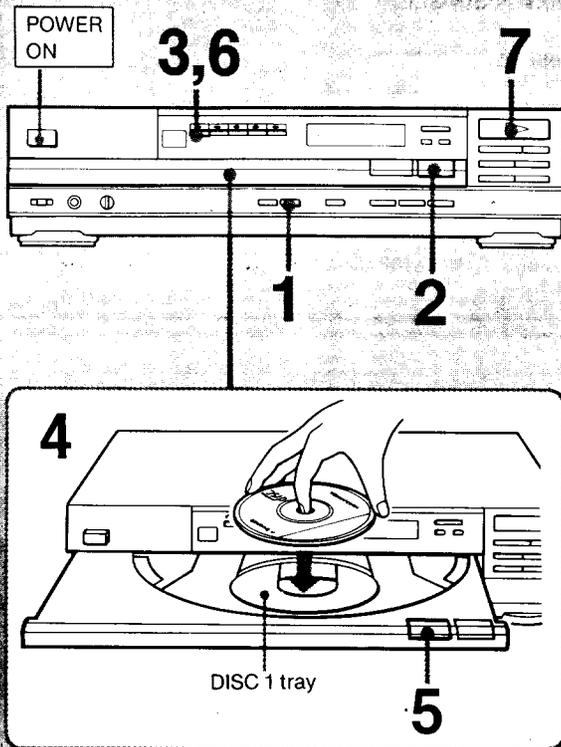
The CONTROL OUT connector of the CDP-C5F only issues the remote control signal input through the CONTROL S IN connector. If, therefore, only the CONTROL S OUT connector of the CDP-C5F is used, remote control of the connected equipment is impossible.

When system connections have been completed, turn on the amplifier and set the input selector to the CD position. Then turn on the POWER switch of the CD player.

DISC PLAYING

TO PLAY SEVERAL DISCS CONTINUOUSLY (MULTI PLAY)

Play begins from the first selection of the specified disc and ends at the last selection of the disc on the DISC 5 tray.



- 1 Depress MULTI.
- 2 Press ▲.
- 3 Press DISC SELECT 1 so that the DISC 1 tray comes in front.
- 4 Put the disc to be played first in the DISC 1 tray with the label side up.
- 5 Press DISC SKIP to rotate the disc compartment and put discs in the trays from DISC 2 to DISC 5 in the order discs are to be played.
- 6 Press DISC SELECT 1 so that the disc in the DISC 1 tray will be played first.
(If you want to start play expressly from the disc other than that in the DISC 1 tray, press the desired DISC SELECT button.)
- 7 Press ►.
The compartment closes and play begins from the first selection of the disc in the DISC 1 tray.

TO STOP PLAY

To stop play	Press ■.
To stop for a moment during play	Press . To restart play, press again or press ► button.
To remove discs from the disc compartment	1 Press ▲. 2 Remove the discs. 3 Close the compartment by pressing ▲ or the disc compartment itself.

When only four or less discs are put in the compartment

The vacant tray(s) is (are) skipped and play continues to the disc in the next tray.

When only a disc is put in the compartment

Refer to "TO PLAY A SINGLE DISC" on page 12.

To put a disc in the vacant tray

When a disc tray remains vacant, the corresponding DISC SELECT indicator does not light. Open the disc compartment by pressing the ▲ button, press the DISC SELECT button corresponding to the vacant tray, and put the disc on the tray.

To change discs

First open the disc compartment by pressing the ▲ button. If the tray for which the disc is to be changed is known, press the corresponding DISC SELECT button and change the disc. If it is unknown, use the DISC SKIP button to search for the disc to be changed.

Meaning of the color of DISC SELECT indicators

Lights in green: the corresponding disc is being played or is in front position when opened.

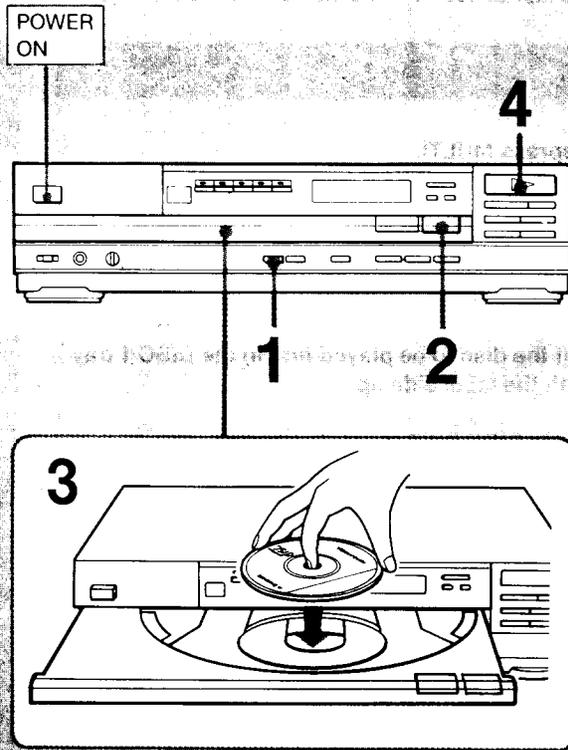
Lights in red: the corresponding tray is occupied.

Lights in orange: there is no disc in the corresponding tray which comes to the position to be played next.

Blinks in green: the player is selecting a disc.

Does not light: the corresponding tray is vacant.

TO PLAY A SINGLE DISC (SINGLE PLAY)

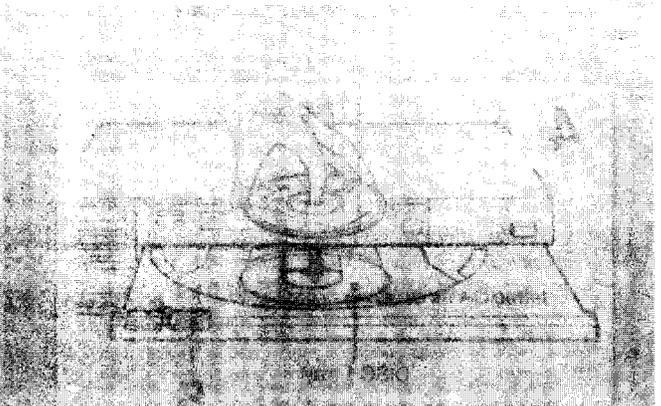


1 Depress SINGLE.

2 Press \triangle .

3 Put the disc in the disc tray with the label side up.

4 Press \blacktriangleright .
The compartment closes and play begins from the first selection of the disc.



When two or more discs are put in the compartment

Only the disc in the tray in front is played.

The DISC SELECT indicators corresponding to the other trays do not light.

To play another disc in the compartment

Press the \triangle button to open the compartment and use the DISC SELECT button or the DISC SKIP button so that the desired disc comes in front. Then press the \blacktriangleright button to start play.

(The DISC SELECT buttons and the DISC SKIP button are inoperative when the disc compartment is closed.)

To set the player in the pause mode instead of starting play

Press the \parallel button instead of the \blacktriangleright button. The player enters the pause mode at the beginning of the first disc to be played.

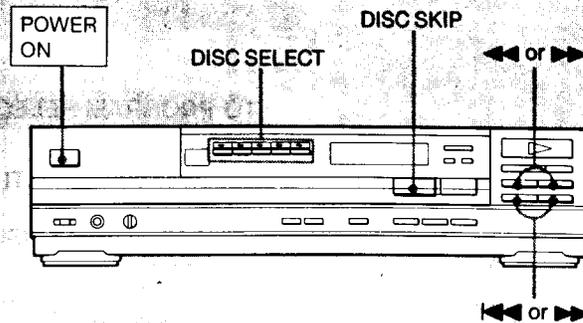
Press the \parallel button again or press the \blacktriangleright button to start play.

Important

Since the CD system boasts a wide dynamic range, the peaks of high level inputs are recorded with high fidelity, and the noise level is very low.

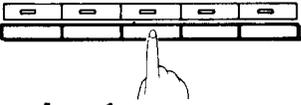
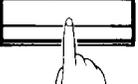
Do not turn up the volume while listening to a portion with no audio signals or very low level inputs. If you do, the speakers may be damaged when a peak level portion is played.

SEARCH OPERATION



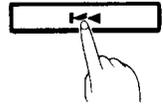
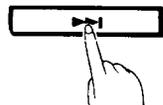
TO START PLAYING FROM THE DESIRED DISC DURING THE MULTI PLAY

Using the DISC SELECT buttons or the DISC SKIP button during the MULTI play, you can start play from the beginning of the desired disc.

To start play from the desired disc	<p>DISC SELECT</p>  <p>Press the desired DISC SELECT button.</p>
To start play from the disc in the next tray	<p>DISC SKIP</p> 

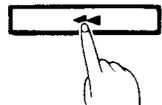
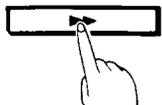
TO LOCATE A PARTICULAR SELECTION —AMS (automatic music sensor) function—

Using the \lll or \ggg button during play or pause, you can quickly locate a desired selection ahead or back on the disc being played.

To locate the beginning of the selection being played		Press once
To locate the previous selection		Press repeatedly
To locate the beginning of the next selection		Press once
To locate the selection ahead		Press repeatedly

TO SEARCH FOR A PARTICULAR POINT IN A SELECTION—Manual search—

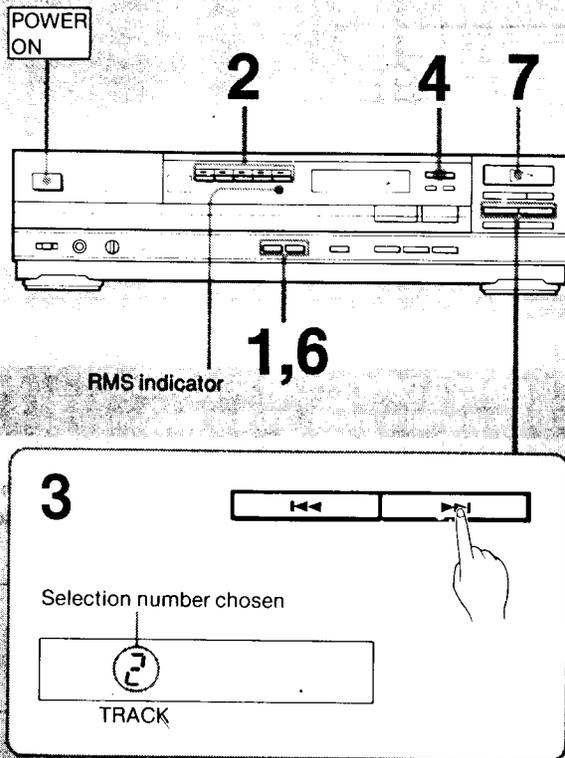
Using the \lll or \ggg buttons, you can search for a particular point of a selection during play or pause.

To go back at high speed	
To go ahead at high speed	

Release the button at the desired point found by observing the time counter or monitoring the high-speed sound (only during play).

PROGRAM PLAY

Plays up to 32 selections in a desired order.



TO PROGRAM SELECTIONS

- 1 Depress either MULTI or SINGLE.
- 2 Press the desired DISC SELECT button if MULTI has been depressed.
- 3 Choose the selection with ◀◀ or ▶▶.
- 4 Press PROGRAM.
- 5 Repeat steps 2, 3 and 4 (if MULTI has been depressed) or steps 3 and 4 (if SINGLE has been depressed) to program other selections.

TO PLAY THE PROGRAMMED SELECTIONS

- 6 Depress either MULTI or SINGLE, whichever you have depressed when programming.
- 7 Press ▶.

When all the programmed selections are played, play stops.

If ▶ is pressed at this time, the player will play the same programmed selections.

Maximum selection number that can be programmed

When MULTI has been depressed, up to the 30th selection on each disc can be programmed.

When SINGLE has been depressed, up to the 99th selection can be programmed.

To program while observing the disc labels

You can program the selections with the disc compartment open.

To program all the selections on the disc under a single program number

After a disc has been selected by the DISC SELECT buttons during programming, simply press the PROGRAM button. The TRACK indicator shows [2], which indicates that all the selections on the disc are programmed under a single program number.

To stop during program play

Press the ■ button. The last selection number programmed will be displayed.

To resume play, press the ▶ button. Play begins from the beginning of the selection which has been played at the moment the ■ button was pressed.

To check the programmed selections during play

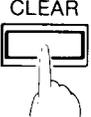
Press the ■ button to stop the program play and press the CHECK button. During program play, the CHECK button is inoperative.

Addition of programs

You cannot add selections to the program during program play. Press the ■ button to stop play and add selections. Selections can be added as long as the total selection number in the program is less than 32.

Program is cleared in the following cases

- A new program is entered for the same or the other DISC PLAY MODE button (MULTI or SINGLE).
- The CLEAR button is used to clear the entire program.
- Power is left turned off for more than 3 days.

<p>To check the programmed selections</p>	<div style="text-align: center;">  </div> <p>Each time CHECK is pressed, the programmed disc and selection are indicated by the DISC SELECT indicators and the INDEX/RMS indicator in the programmed order.</p>
<p>To change the programmed selection</p>	<ol style="list-style-type: none"> 1 Press CHECK repeatedly until the selection to be changed is indicated. 2 Select the desired disc and selection using the DISC SELECT button and the ◀◀ or ▶▶ button. 3 Press PROGRAM. The selection indicated at step 1 is replaced with the selection newly selected at step 2.
<p>To clear the programmed selections</p>	<div style="text-align: center;">  </div> <p>The RMS mode indicator will go off.</p>
<p>To clear a particular selection in the program</p>	<ol style="list-style-type: none"> 1 Press CHECK repeatedly until the selection to be cleared is indicated. 2 Press CLEAR.

SEARCH OPERATION DURING PROGRAM PLAY

<p>To skip the selection backward</p>	<p>Press ◀◀ to return to the beginning of the selection being played. To search for the previous selection in the program, press repeatedly.</p>
<p>To skip the selection forward</p>	<p>Press ▶▶ to skip to the next selection in the program.</p>
<p>To search for a particular point in the selection being played.</p>	<p>Press ◀◀ or ▶▶.</p>

What is this indication?

End

This indication appears when the last selection is reached while checking the programmed selections.
The indication changes to the last selection number after several seconds automatically.

Space between selections

There is a blank of 3 seconds between each programmed selection. However, when consecutive selections (e.g. 4th → 5th) are programmed, the space on the disc is inserted as it is.

To start program play from the desired disc

When selections on two or more discs have been programmed with the MULTI button depressed, you can start program play from the desired disc by pressing the corresponding DISC SELECT button or the DISC SKIP button.

To resume program play from the very beginning of the program

- 1 Turn off the power of the CD player.
- 2 Set the TIMER switch to the PLAY position.
- 3 Turn on the power again.

To play a selection not-included in the program

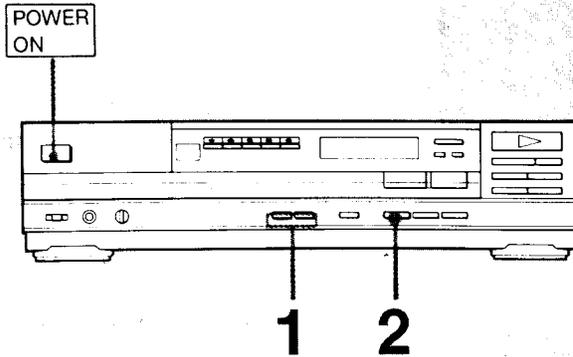
Depress either the MULTI or SINGLE button, whichever has not been depressed while programming. You can then play a desired selection on a desired disc. This operation does not clear the programmed selections, and you can perform program play by depressing either the MULTI or SINGLE button for which selections have been programmed.

If trouble occurs

If any trouble occurs during PROGRAM play (for example, selections are not played in the programmed order), turn OFF the power, turn ON the power again and program selections from the beginning.

SHUFFLE PLAY

Plays each selection once in a random order.



1 Depress either **SINGLE** or **MULTI**.

2 Press **SHUFFLE**.

When **SINGLE** is depressed, all the selections on the disc to be played are played in a random order.

When **MULTI** is depressed, shuffle play is performed to the disc to be played. Then another disc is selected at random and shuffle play continues.

To suspend shuffle play and return to a normal play	Press SHUFFLE during shuffle play. Shuffle play is suspended and play continues from the selection which is being played.
To stop shuffle play	Press ■ .

To skip to another disc

During shuffle play with the **MULTI** button depressed, you can press the **DISC SKIP** button to skip to the next disc.

To skip the selection

To skip to the next selection, press the **▶▶** button.
To return to the beginning of the selection being played, press the **◀◀** button.
During shuffle play, you cannot return to the previous selections.

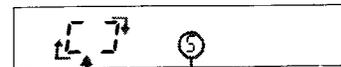
To search for a particular point in the selection

Use the **◀◀** or **▶▶** button.

DISC SELECT indicators in shuffle play

During shuffle play with the **MULTI** button depressed, the **DISC SELECT** indicator corresponding to the disc which has been played to the end goes off.

What is this indication?

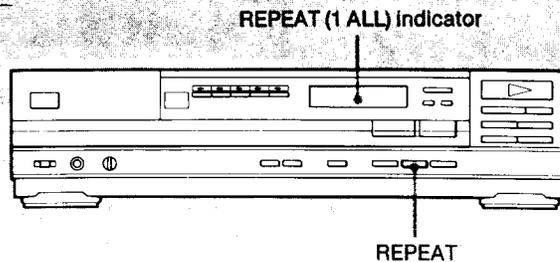


This indication appears while the player is "shuffling" the selections.

Remaining number of selections on the disc to be played

REPEAT PLAY

Repeats a single selection, the whole disc, PROGRAM play or SHUFFLE play in SINGLE or MULTI mode.



What to do	Operation	To release repeat play
To repeat a single selection being played	Press REPEAT once. The REPEAT 1 indicator appears.	In MULTI play: Press REPEAT 3 times. In SINGLE play: Press REPEAT twice.
To repeat all the selections in the disc being played (in MULTI play).	Press REPEAT twice. The REPEAT 1 ALL indicator appears.	Press REPEAT twice.
To repeat all the selections in the disc compartment (MULTI) or in the disc being played (SINGLE).*	In MULTI play: Press REPEAT 3 times. In SINGLE play: Press REPEAT twice. The REPEAT ALL indicator appears.	Press REPEAT once.

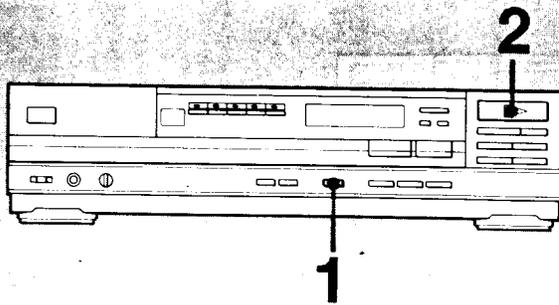
* including PROGRAM or SHUFFLE play

If you change MULTI play to SINGLE play

If you change MULTI play to SINGLE play during repeat play of the whole disc, the player repeats all the selections on the disc being played, and REPEAT 1 ALL indicator will change to REPEAT ALL indicator.

AUTO PAUSE

Using the auto pause function, the CD player enters the pause mode automatically each time a selection has been played. This function is useful for recording.



1 Depress AUTO PAUSE (□ ON).

2 Press ► to start play.

To cancel auto pause function
Press AUTO PAUSE again (□ OFF).

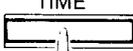
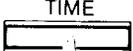
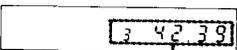
INFORMATION DISPLAY

During play, the display shows one of the following types of information. The display modes can be switched each time the TIME button is pressed.

	Normal play (MULTI, SINGLE)	PROGRAM, SHUFFLE play
During play	<p>1</p> <p>Track No. — [3] [0] [2] [1] [4] — Elapsed playing time of the selection</p> <p>Index No. or program No.</p>	
↓ TIME [] ↓	<p>2</p> <p>[3] [:] [3] [2] [5]</p> <p>Remaining time of the selection</p>	
↓ TIME [] ↓	<p>3</p> <p>[:] [0] [3] [8]</p> <p>Elapsed time of the disc</p>	Returns to 1.
↓ TIME [] ↓	<p>4</p> <p>[-] [4] [2] [5] [1]</p> <p>Remaining time of the disc</p>	
↓ TIME [] ↓	Returns to 1.	

INFORMATION DISPLAY

The TIME button can also be used while the player is not playing the disc to get the following information.

Before playing (standby)	While choosing a selection	Before performing program play (standby)
	 Playing time of the selection	
 while being pressed	 while being pressed	 while being pressed
 Total number of the selections on the disc Total playing time of the disc	 Total time counted from the beginning of the disc to the end of the selection being chosen	 Total playing time of the program*

* This information appears when a track number of 20 or less are programmed. If a track number of 21 or higher is programmed, the display shows "----".

To get information on another disc in MULTI play mode

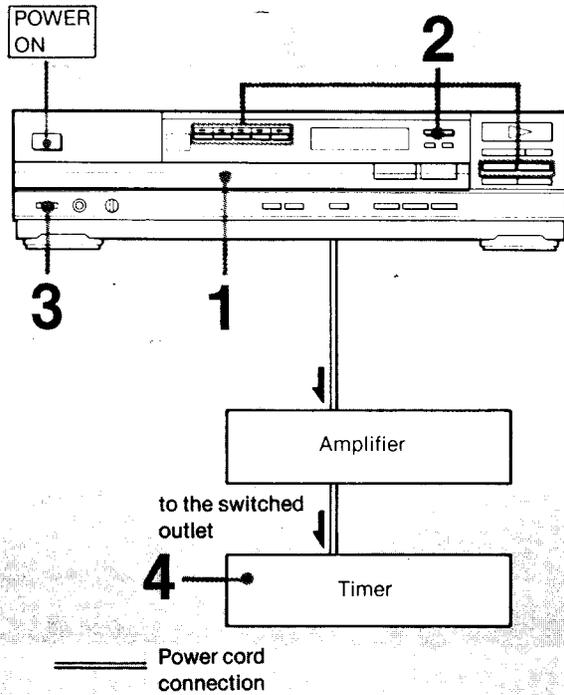
Press the DISC SELECT button corresponding to the disc to be checked so that the DISC SELECT indicator of the disc lights in green. Use then the TIME button.

Notes

- Information on the time can be displayed only when the disc compartment is closed.
- If you have programmed selections with the disc compartment open, information on the time is displayed only after the compartment is closed and the player has read the contents of the disc(s).
- In the MULTI play mode, the disc compartment may rotate when the TIME button is activated so that the player can read the disc contents.

TIMER PLAY

By connecting a commercially available timer, disc play can be started at any desired time.



1 Set discs in the disc compartment and close the compartment.

2 For **MULTI** play:

Select the disc to be played first with DISC SELECT.

For **PROGRAM** play:

Proceed with programming.

For **SHUFFLE** play:

Select the disc to be played with DISC SELECT.

3 Set **TIMER** as follows.

For normal and **PROGRAM** play in **SINGLE** or **MULTI** mode: Set to **PLAY**.

For **SHUFFLE** play: Set to **SHUFFLE**.

4 Set the timer for the desired time.

Play begins automatically at the set time.

Note

To perform the timer play, be sure that the **AUTO PAUSE** switch is turned off (□ OFF).

When the timer play has ended

Be sure to set the **TIMER** switch to **OFF**.

SPECIFICATIONS

COMPACT DISC PLAYER CDP-C5F

System	Compact disc digital audio system
Laser	Semiconductor laser ($\lambda = 780 \text{ nm}$) Emission duration: continuous
Laser output	Max. 0.4 mW* * This output is the value measured at a distance of about 1.6 mm from the objective lens surface on the Optical Pick-up Block.
Frequency response	2 Hz - 20 kHz ($\pm 0.5 \text{ dB}$)
Signal to noise ratio	More than 95 dB
Dynamic range	More than 93 dB
Harmonic distortion	Less than 0.005% (1 kHz)
Channel separation	More than 90 dB (1 kHz)
Wow and flutter	Below measurable limit
Outputs	LINE OUT (phono jacks) Output level 2 V (at 50 kilohms) Load impedance over 10 kilohms HEADPHONES (stereo phone jack) Output level 0 - 28 mW (variable) (at 32 ohms) Output impedance 220 ohms

General

Power requirements	120 V ac, 60 Hz
Power consumption	10 W
AC outlet	100 W max. unswitched
Dimensions	Approx. 430 x 106 x 415 mm (w/h/d) (17 x 4 ¹ / ₄ x 16 ³ / ₈ inches) not including projecting parts and controls
Weight	Approx. 7.5 kg (16 lbs 9 oz), net

REMOTE COMMANDER RM-D5

Remote control system	Infrared control
Power requirements	3 V DC with two size AA (R6) batteries
Dimensions	43 x 20 x 175 mm (w/h/d) (1 ³ / ₄ x 7/ ₈ x 6 ⁷ / ₈ inches)
Weight	145 g (5 oz) including batteries

SUPPLIED ACCESSORIES

Audio signal connecting cord	(phono plug x 2 — phono plug x 2) (1)
Remote control code (4-pin) (1)	
Sony New Super SUM-3 (NS) batteries (2)	

Design and specifications subject to change without notice.

TROUBLE CHECKS

The following checks will assist in the correction of most problems which you may encounter with your unit. Should any problem persist after you have made these checks, consult your nearest Sony service facility. Before going through the check list below, first refer back to the connection and operating procedures.

TROUBLE	CAUSES	REMEDY
No audio from one or both channels	Incorrect operation of the amplifier	Operate correctly.
	Loose connection	Connect the cords firmly.
Play does not begin.	No disc in the disc compartment	Put disc(s) in the compartment.
	The button has been pressed.	Press the button again or press the ▶ button to release pause.
	No disc in the front position with the disc compartment open. (SINGLE play)	Rotate the disc compartment so that the disc comes in front.
	Moisture condensation	Leave the player turned on for about an hour.
	The disc is set upside down.	Set the disc with the label side up.
	The disc is incorrectly set.	Set the disc correctly.
	The disc is extremely dirty.	Clean the disc.
Discs cannot be played continuously.	The SINGLE button is depressed.	Depress the MULTI button.
Play stops at each end of selections.	The AUTO PAUSE switch is depressed.	Depress the AUTO PAUSE switch again to release the auto pause function.
Play does not begin at time set by timer. (The unit power is turned on.)	The AUTO PAUSE switch has been pressed.	Release auto pause before setting the timer.
Remote commander does not operate the unit.	The batteries are exhausted.	Replace both batteries.
	The remote commander is not pointed at the remote sensor.	Point the remote commander to the remote sensor.
	There is an obstacle between the remote commander and the unit.	Remove the obstacle.
Any operation is not possible.	The internal control program may not run correctly.	Turn OFF the power and turn it ON again.