

SONY

3-750-539-21 (1)

Compact Disc Compact Player

COMPACT
disc
DIGITAL AUDIO

TECH DPT

D-555

Operating Instructions

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

Owner's Record

The model number and the serial number are located at the bottom. 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. D-555

Serial No. _____

Discman

© 1989 by Sony Corporation

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.

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.

For the customers in Canada

This apparatus complies with the Class B limits for radio noise emissions set out in radio interference regulations.

Table of Contents

Safety precautions	4
Introducing this Discman	6
Location and function of controls	8
Getting Started	
Power sources	10
Using an rechargeable battery	
Using on house current	
Using in a car - Connected to the 12 V car battery	
Playing a Disc	
Playing the entire disc	14
Locating a particular portion	16
Selecting various playing modes	18
Scanning all the selections	
Repeating one selection	
Repeating all the selections	
Repeating a particular portion	
Playing in a random order	
Playing in the desired order repeatedly	
Playing in the desired order once	
Adjusting the Sound Quality	
Using the demonstration mode	22
Adjusting the sound to your preference	24
Adjusting quality of each tone (EQ)	
Listening with surround effect (SURROUND)	
Reinforcing the bass (BASS BOOST)	
Listening to small sound portions (DDS)	
Tips on adjusting the equalizer	26
Where and how to use this Discman	28
Maintenance	30
Specifications	30
Troubleshooting guide	back cover

Safety Precautions

On safety

- As the laser beam used in this compact disc player is harmful to the eyes, do not attempt to disassemble the casing. Refer servicing to qualified personnel only.
- Do not put anything in the safety slot inside the disc compartment. If you do, the laser beam may come out when the lid is opened. Do not put anything in the DC IN (3V external power input) jack.
- The lens on the disc table should be kept clean. Do not touch the lens or poke at it. If you do, the lens may be damaged and the player will not operate properly.
- Do not wrap the player in a cloth, blanket, etc. if you do, the temperature inside the player may rise, resulting in malfunction of the player.
- Should any solid object or liquid fall into the player, disconnect the power source and have the player checked by qualified personnel before operating it any further.
- When the unit will not be used for a long time, be sure to disconnect the power source (AC power adaptor, rechargeable battery pack, car battery cord or car mount plate) from the unit. To remove the AC power adaptor from the wall outlet, grasp the adaptor itself, never pull it by the cord.

On power sources

Use the supplied rechargeable battery pack, house current, or car battery.
For AC operation: Use the AC power adaptor supplied with this player. Do not use any other AC power adaptor as it may cause malfunction.
For car battery operation: Use a car battery cord recommended for this player.

On operation

Since the CD system offers a wide dynamic range, the peaks of the 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 signal or very low level inputs. If you do, the speakers may be damaged when a peak level portion is played.

On installation

- Never leave the unit:
 - near heat sources such as radiators or air ducts.
 - in direct sunlight.
 - exposed to excessive dust.
 - exposed to moisture or rain.
 - exposed to mechanical vibration or shock.
 - in an inclined position.
- If the player is brought directly from a cold location to a warm location, or is placed in a very damp room, moisture may condense on the lens inside the player. Should this occur, the player will not operate. In this case, remove the disc and leave the player in a warm place for about an hour until the moisture evaporates.
- For the unit to operate at its best, it should not be subjected to temperatures below 5° C (41° F) or above 35° C (95° F).

About the headphones

- Avoid listening with your headphones
 - while driving, cycling, etc.
 - for an extended time at a loud volume.
- Remember not to disturb those close to you with the sounds from your headphones.

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

CAUTION

Strong, high frequency noise may interfere with the display of the remaining time using the ENTER/REMAIN button. This is rare, but if it occurs, simply disconnect the AC power adaptor or remove the rechargeable battery pack once.

Introducing This Discman

Enjoy Listening in Various Playing Modes (page 18)

Besides playing the entire disc once, you can select the playing modes among the following:

Intro-scan Play
Beginnings of selections are played successively.

Repeat Play
One selection, all the selections, or a particular portion is repeated.

Shuffle Play
Selections are played in a random order.

Program Play
Selections are played in the order you select.

Enjoy Designing Your Own Sound

You can adjust the sound to your preference using the following functions:

All the sound effects are demonstrated one after the other (approx. 10 seconds for each, 20 seconds for the graphic equalizer).

Digital Graphic Equalizer (page 24, 26)

The tone quality can be adjusted in 5 bands.

Digital Surround (page 24)

The surround effect can be enjoyed through the headphones.

Digital Bass Boost (page 24)

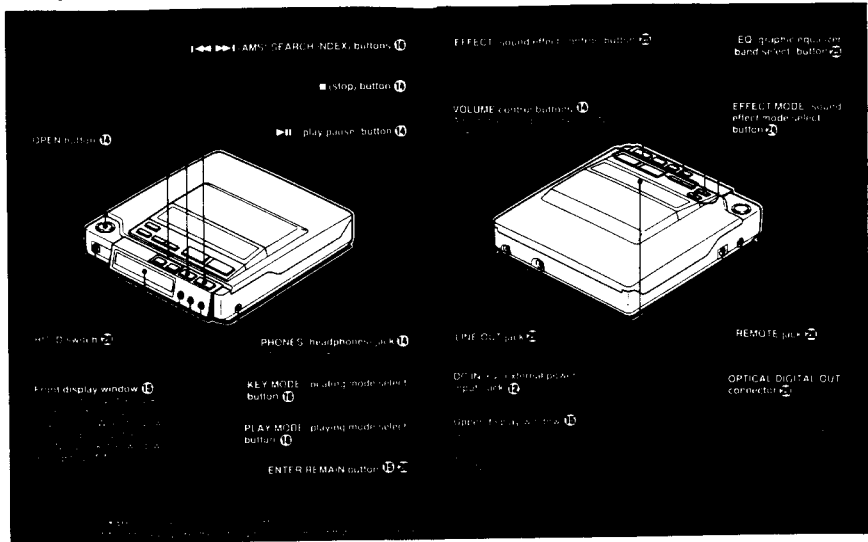
A heavy and powerful sound can be enjoyed.

Digital Dynamic Sound (page 24)

A powerful sound can be enjoyed even at a low volume.

Control Panel and Function of Controls

See the pages indicated in ● for details.

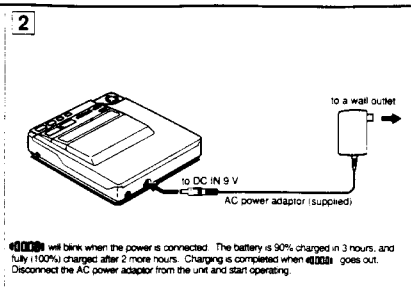
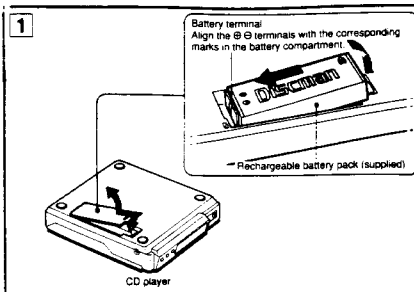


Power Sources

You can use this unit on the supplied rechargeable battery pack, on house current, or on a car battery.

Using on Rechargeable Battery

Before using, charge the battery pack for approx. 3 - 5 hours.
Approx. 2 hours of playing can be expected.



LED indicates the remaining amount of battery power.
When the battery becomes weak, the segments will go out one by one, beginning with the left segment.
Charge the battery when three of the segments have gone out. Note that if the battery case Sony (ESP-200 optional) is attached, the indicator will operate only when the indicator in the case becomes very weak.
Do not use the battery case Sony (ESP-200).

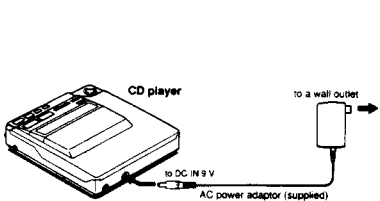
When to replace the rechargeable battery pack:
Repeated charging of the battery pack makes the operating time become shorter. If the operating time of the unit becomes the half of the original time after the battery pack has been fully charged, replace it with new one (ESP-200 optional).

Notes on charging:
• For charging, use only the supplied AC power adaptor or the AC-0344 (optional).
• Do not attach the supplied battery pack (ESP-200) and the optional ESP-200, EP-100, or EP-200 at the same time.
• Do not charge the battery pack for more than 24 hours.
• Remember to recharge the battery pack after every use.
Leaving it discharged may shorten its life.

Handling the rechargeable battery pack:
• When the battery pack will not be used for a long time, recharge it every six months. When you use it again, be sure to charge it first for about half an hour.
• Store the battery pack in a temperature range of 5°C - 35°C (41°F - 95°F).
• Never insert the battery pack into a fire.
• Never short-circuit the battery terminal.
• If the electrolyte inside the pack should come into contact with skin or eyes, wash the contaminated objects with water immediately. The electrolyte contains sulfuric acid.

Using on House Current

The connection is the same as for charging the battery.

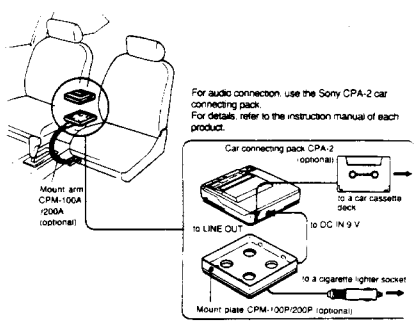


Notes on AC power adaptor:
• Disconnect the AC power adaptor when the unit will not be used.
• Use only the supplied AC power adaptor or the recommended one (battery cord manufactured by Sony). Polarity of the plugs of other manufacturers may be different.



Using in a Car

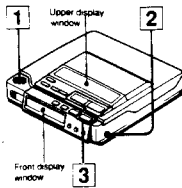
Connected to the car battery using the Sony CPM-100P/200P mount plate



Notes on car use:
• Unplug the unit from the cigarette lighter socket when it is not being used. Otherwise, it may drain the car battery.
• Any connection other than the CPA-2 may cause noise. Some cassette decks may not accept the CPA-2.
• Do not put the unit on the dashboard nor inside it in a car parked in sunlight since the temperature inside the car may rise excessively.

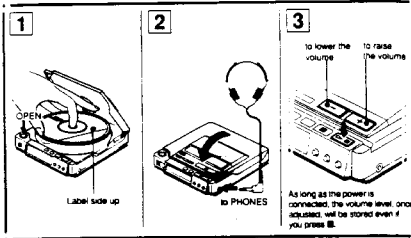
Playing a Disc

Playing the Entire Disc



To pause
Press **PAUSE**. (To play, press again.)

To stop
Press **STOP**.



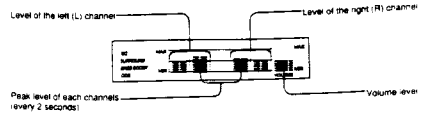
If the **TRACK** indication becomes "00" and play does not start
This happens when you press **PAUSE** with the disc inserted upside down. Press **STOP** to stop the disc, open the lid with the **OPEN** button, and re-insert the disc with the label side up.

On 8 cm (3-inch) CDs
An 8 cm (3-inch) CD can be played without an adaptor in this player.

When the sound stops
Check the disc if it is dirty or defective.

On volume level display

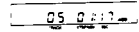
Normally the volume level, the level and the peak level of the left (L) and right (R) channel are displayed in the upper display window.



When you adjust the volume with **VOLUME** →, the peak level display goes out for a few seconds and then returns to normal.

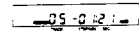
On time display

Normally the track number and the elapsed playing time are displayed in the front display window.

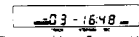


Track No. of the current selection

To display the remaining time of the current selection
Press **ENTER/REMAIN**.



To display the remaining time of the whole disc
Press **ENTER/REMAIN** once more.



To return to the normal display
Press **ENTER/REMAIN** again.

The amount of the remaining selections

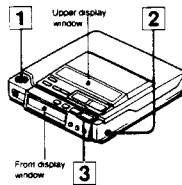
On handling copyright discs



* (It will not appear with a disc containing more than 31 selections, or during shuffle play or program repeat play. During program play, the remaining time of the whole program appears.)

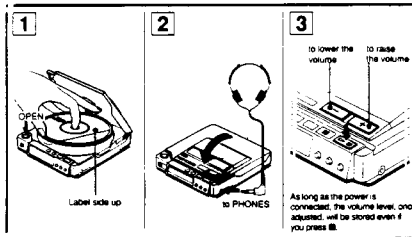
Playing a Disc

Playing the Entire Disc



To pause
Press **PAUSE**. (To play, press again.)

To stop
Press **STOP**.



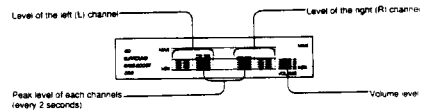
If the **TRACK** indication becomes "00" and play does not start
This happens when you press **PAUSE** with the disc inserted upside down. Press **STOP** to stop the disc, open the lid with the **OPEN** button, and re-insert the disc with the label side up.

On 8 cm (3-inch) CDs
An 8 cm (3-inch) CD can be played without an adaptor in this player.

When the sound stops
Check the disc if it is dirty or defective.

On volume level display

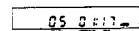
Normally the volume level, the level and the peak level of the left (L) and right (R) channel are displayed in the upper display window.



When you adjust the volume with **VOLUME** →, the peak level display goes out for a few seconds and then returns to normal.

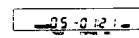
On time display

Normally the track number and the elapsed playing time are displayed in the front display window.

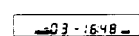


Track No. of the current selection

To display the remaining time of the current selection
Press **ENTER/REMAIN**.



To display the remaining time of the whole disc
Press **ENTER/REMAIN** once more.



To return to the normal display
Press **ENTER/REMAIN** again.

The amount of the remaining selections

On handling copyright discs



* (It will not appear with a disc containing more than 31 selections, or during shuffle play or program repeat play. During program play, the remaining time of the whole program appears.)

Locating a Particular Portion

Each time KEY MODE is pressed, the locating mode changes as follows. Operate while listening to the disc.

Locating a particular selection — AMS	<p>Press ◀▶ or ▶▶ lightly.</p> <p>To locate the beginning of the current selection</p> <p>To locate the next selection</p>	
Locating a particular point in a selection — SEARCH	<p>Press KEY MODE, and keep ◀▶ or ▶▶ pressed.</p> <p>KEY</p> <p>To go back at high speed</p> <p>To go ahead at high speed</p>	
Locating a particular index — INDEX search function*	<p>Press KEY MODE once more, and press ◀▶ or ▶▶ lightly.</p> <p>KEY</p> <p>Select the desired index</p>	<p>Track No. Index No.</p>

To return to AMS

Press KEY MODE once more.

Notes on the AMS function

- When you press **◀▶** or **▶▶** in the pause mode, the player resumes at the beginning of the located selection.
- During program play, AMS operates in the manual mode only.

On a disc without indexes

- If you press **◀▶** or **▶▶** during INDEX search mode, the beginning of the selection will be played. It will take a little time until play begins if you keep **◀▶** pressed in this mode.

What is this indicator?

- It appears if you continuously press **▶▶** at the end of the disc.
- To return to a track indication, press **▶▶**.

* What is Index?

- The selections on some discs are divided into sections, such as the movements of a symphony. An index number is assigned to each section thus, making it possible to find a particular section easily.

Selecting Various Playing Modes

Each time PLAY MODE is pressed, play mode changes as follows. To stop the disc, press **⏻**.

Operate while listening to the disc.

Press ▶▶ to be processed	<p>1 Press PLAY MODE once.</p> <p>PLAY</p>	
Scanning all the selections — INTRO-scan play*	<p>2 Press ▶▶. Scanning starts from the first selection.</p>	
Repeating one selection — REPEAT 1	<p>Press PLAY MODE once more while listening to the desired selection.</p> <p>PLAY</p> <p>Press ◀▶ / ▶▶ for another selection.</p>	

* Beginnings of selections are played for 10 seconds successively.

Repeating all the selections — REPEAT ALL	<p>Press PLAY MODE once more.</p> <p>When play reaches the end of the disc, it restarts from the first selection.</p> <p>PLAY</p>	
Repeating a particular portion — REPEAT A—B	<p>1 Press PLAY MODE once more.</p> <p>PLAY</p>	
	<p>2 Press ENTER/REMAIN at the starting point (A) of the repeat play.</p> <p>ENTER/REMAIN</p> <p>Point A is stored</p>	
	<p>3 Press ENTER/REMAIN at the ending point (B).</p> <p>ENTER/REMAIN</p> <p>Point B is stored</p> <p>Play starts from point A.</p>	

Press PLAY MODE once more.

Playing in a random order
— REPEAT SHUFFLE

PLAY

1 Press PLAY MODE once more.

2 Choose the desired selection with **←** or **→**.

3 Press ENTER/REMAIN.

ENTER/REMAIN
The selection is stored.

5th selection Program 1

Program 2

4 Repeat steps 1 and 2 (Up to 22 selections)

5 Press **▶**.

▶ disappears and play starts

1 Press PLAY MODE once more.

2 Repeat step 1 to 3 above.

Playing in the desired order once
— REPEAT RMS (program)

To return to normal play Press PLAY MODE once more.

* RMS is the abbreviation of Random Music Sensor

During INTRO-scan play mode
After scanning the whole disc, the unit will pause at the beginning of the disc. If you press **▶**, scanning will resume again.

During shuffle repeat play
To locate the beginning of the current selection Press **▶**.
To locate the next selection Press **▶**.
You cannot locate a previous selection even if you keep pressing **▶**.

On shuffle repeat and program play
A blank space of approx. 3 seconds will be inserted between selections automatically.

If another selection is stored after 22 selections have been stored
The first selection will be cleared and the new one will be stored in its place. The program will be cleared when you press **▶**.

Adjusting the Sound Quality

You can create your own sound using the following 4 digital functions: Equalizer (EQ), Surround, Bass Boost, and Digital Dynamic Sound (DDS).

To get an idea of how these functions will affect the sound of the disc being played, select the demonstration mode

Using the Demonstration Mode

In the demonstration mode, you can sample the 4 functions above one after the other (approx. 10 seconds for each, approx. 20 seconds for equalizer). Activate each function before adjusting the sound quality for yourself, and enjoy both changes in display and differences in sound.

1 Start disc playing.

2 While keeping **EFFECT MODE** pressed, press **EQ** and **EFFECT →** at the same time

MODE EQ EFFECT →

"D" will be displayed in the upper display window, and play in the demonstration mode will start.

In the demonstration mode

Function	Upper display window	Adjusted sound
BASS BOOST (10 seconds)	EQ BASS BOOST MAX MIN	Boomed bass sound with its level raised
EQ (Graphic equalizer, 20 seconds)	EQ MAX MIN	5 sound examples with each band raised or lowered
SURROUND (10 seconds)	EQ SURROUND MAX MIN	Sound with the surround effect activated
DDS (Digital dynamic sound 10 seconds)	EQ DDS MAX MIN	Sound with its low level boosted for more audibility

To cancel the demonstration mode Press **▶** to stop the disc. You cannot cancel it while listening to the disc.

There is a momentary pause at the start of each function. This is to differentiate the BASS BOOST, EQ, SURROUND, DDS functions. For certain programs, these functions may not be very effective.

Adjusting the Sound to Your Preference

Each time EFFECT MODE is pressed, sound adjusting mode changes as follows.

Adjusting mode	Buttons to be pressed	Upper display window
Adjusting the quality of each tone — EQ: Equalizer	<p>① Press EFFECT MODE once</p> <p>MODE</p>	<p>② Choose the desired band with EQ</p> <p>EQ</p> <p>③ Adjust the level with EFFECT --/+</p> <p>EFFECT</p> <p>④ Repeat steps ③ and ④</p>
Listening with surround effect — SURROUND*	<p>① Press EFFECT MODE once more.</p> <p>MODE</p>	<p>② Adjust the level with EFFECT --/+</p> <p>EFFECT</p>
Reinforcing the bass — BASS BOOST	<p>① Press EFFECT MODE once more.</p> <p>MODE</p>	<p>② Adjust the level with EFFECT --/+</p> <p>EFFECT</p>
Listening to small sound powerfully — DDS (Digital dynamic sound)**	<p>① Press EFFECT MODE once more.</p> <p>MODE</p>	<p>② Adjust the level with EFFECT --/+</p> <p>EFFECT</p>

To return to the original sound Press EFFECT MODE once more.

After adjusting

The display will automatically return to that of normal volume level a few seconds later. If you press EFFECT --/+, EFFECT MODE, or EQ after that, the display will change to that chosen, and you can adjust the level of each function.

Adjusted sound is stored even if you press III. When the power is disconnected or the battery is weak, adjust the level again.

Playing a CD having sudden bursts of very high sound level. The sound may be distorted, when the unit is in the adjusting mode. If this happens, lower the effect level with EFFECT --/+,

- * effective only for a stereo program. The level of the middle frequency, such as vocals, may change.
- ** not very effective for certain programs with a quick tempo or less level change.

Tips on Adjusting the Equalizer

According to program quality.

Here we give some examples adjusted according to the program or the situation. Refer to these examples when you adjust the sound to your preference.

Program/situation	Upper display window
<p>Rock'n'roll Raise both the low and high frequencies to get powerful sound.</p>	
<p>Vocals Raise the middle frequency to provide more presence for vocals.</p>	
<p>BGM (background music) Raise the lower frequencies for a sound that is easy on the ears.</p>	

Program/situation	Upper display window
<p>50's sound For standard jazz and 50's pop to be played with a mellow tone.</p>	
<p>In a car Use this adjustment to get a natural sound.</p>	

On the effect level of the graphic equalizer

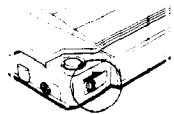
- The amount of change of one step differs on the upper and the lower side of the center line.
- Setting all frequencies along the center line will not adjust the sound to its original quality.

How to Use This Discman

Carrying

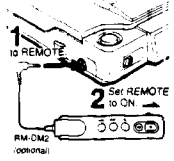
Use the supplied carrying case.
To prevent the buttons from being accidentally depressed
Slide the HOLD switch to the right so that its orange mark appears. This locks the buttons.

The ENTER/REMAIN button operates while the HOLD function is in use.



Operating the Unit from a Distance

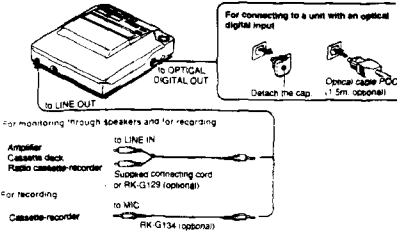
Use the Sony RM-DM2 (wired) or RM-DM1K (wireless) remote control kit (optional). Be sure to connect in the stop mode.



After using the unit
Be sure to press the REMOTE switch back to the original position to save power of the pager.

- Notes**
- The RM-DM1K cannot be operated on the rechargeable battery BP-2EX (supplied) or BP-100 (optional). Use it only on the power through the DC IN 9 V jack.
 - Remove the receiver from the unit when it is not used.
 - The remote commander functions even when the buttons on the pager are locked with the HOLD switch.

to a Mount. Connected with Other Equipment



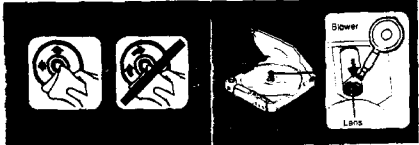
For monitoring through speakers and for recording:
Amplifier
Cassette deck
Radio cassette-recorder
to LINE IN
to MIC
Cassette-recorder
to MIC
or RM-G129 (optional)
or RM-G134 (optional)

Monitoring the sound being recorded
You can check more exactly on the equipment connected to this unit.

- Notes on connections**
- Turn off the amplifier before making connections.
 - Plug in the white plug to the L (left channel) jack, and the red plug to the R (right channel) jack.
 - Be sure to insert the cable connectors firmly into the jacks. Loose connection may cause buzz and noise.
 - Be sure not to connect the CD player to the PHONO input jack of the amplifier.
 - If the CD player causes interference to radio and television reception, turn off the pager, or move the pager away from the receiver.

- Notes on the OPTICAL DIGITAL OUT jack**
- Digital signals are output only when the power supplied through the DC IN 9 V jack.
 - The ECI, SURROUND, BASS BOOST, and DC functions cannot be achieved when using it.
 - As the volume level cannot be adjusted with VOLUME →, adjust it on the connected equipment.

Maintenance Specifications



Cleaning the Casing
Clean the casing with a soft cloth slightly moistened with water or mild detergent solution. Do not use any type of abrasive pad, scouring powder or solvent such as alcohol or benzene as they may mar the finish of the casing.

Cleaning the Lens
If you have accidentally touched the lens with a dirty finger or if the dust on the lens prevents the unit from operating properly, open the disc compartment lid and clean the lens with a commercially available blower.

Notes on Compact Discs
Do not expose the disc to direct sunlight or heat sources such as hot air ducts, nor leave it

in a car parked in direct sunlight as there can be a considerable rise in the temperature inside the car.
Before playing, clean the disc with the optional cleaning cloth. Wipe the disc from the center out.
Do not use solvents such as benzene, thinner, commercially available cleaners, or anti-static spray intended for analog discs.
After playing, store the disc in its case.

Cleaning the Headphone Plug
Keep the plug of your headphones clean to obtain the optimum sound. Wipe it with a dry, soft cloth.

CD section
System: Compact disc digital audio system
Laser diode properties: Material: GaAlAs
Wavelength: 780 nm
Emission duration: Continuous
Laser output: Less than 44.5 μW
This output is the value measured at a distance of 200 mm from the objective lens surface on the Optical Pick-up Block.
Error correction: Sony Super Strategy Cross Interleave Reed-Solomon Code
D-A conversion: 16-bit linear, 8th digital filter
Frequency response: 20 ~ 20,000 Hz ±1 dB
Signal-to-noise ratio: More than 90 dB
Wow and flutter: Below measurable limit*

Outputs (at 9 V input level)
Line output (stereo minijack): Output level: 0.7 V rms at 50 kilohms
Load impedance: over 10 kilohms
Optical digital output (optical output connector): Output level: ±1 ~ -15 dBm
Wavelengths: 630 ~ 690 nm at peak level
Headphones (stereo minijack): 9 mW + 9 mW at 32 ohms

* Measured by EIAJ CP 307
General
Power requirements: Supplied rechargeable battery pack (BP-2EX) or BP-100 (optional)
DC IN 9 V jack access: Supplied AC power adaptor for use on 120V AC 60 Hz
Sony CPM-200P car mount plate (optional) or Sony DCC-120A car battery adaptor (optional) for use on 12 V car battery
Power consumption: 3.2 W DC
Dimensions: Approx. 127.6 × 33 × 145 mm (5 × 1 1/4 × 5 3/4 inches) w/h d; not inc. none part (90mm) projecting parts and controls
Approx. 130 × 23.8 × 45.5 mm (5 × 1 1/4 × 1 3/4 inches) w/h d; not inc. projecting parts and controls
Weight: Approx. 600g (1.5 lb); not inc. rechargeable battery (BP-2EX)
Supplied accessories: AC power adaptor (1)
Rechargeable battery pack (1)
Carrying case (1)
Connecting cord (1) (stereo minijack - two phono plugs)

Design and specifications subject to change without notice.
Optional Accessories
Wireless remote control kit RM-DM1K
Wired remote control unit RM-DM2
Rechargeable battery pack BP-2EX BP-100*
Battery charger SC-BP2
Optical cable PCC-1 (1.1 m)
Car battery cord DCC-120A
Car connecting pack CPA-2
Car mount plate CPM-100P, CPM-200P
Mount arm CPM-100A, CPM-200A
Active speaker SPS-SS
Stereo headphones MDR-CD999
* Approx. 4.5 hours of continuous play is possible when the battery has been charged for 8 hrs.

Troubleshooting Guide

Should any problem persist after you have made the following checks, consult your nearest Sony service facility.

Symptom	Cause and/or remedy
Disc play does not start.	<ul style="list-style-type: none">• The disc is inserted upside down or incorrectly. Insert the disc correctly with the label surface up.• Dusty or defective disc.• Dirty or dusty lens.• The disc compartment lid is not closed.• Moisture condensation. Leave the player in a warm place until the moisture evaporates.• The AC power adapter is not plugged into the wall outlet.• The car battery cord is not firmly connected.• The unit is not placed on a level surface.• The HOLD switch is slid to the right.• Weak battery.
No sound from the headphones.	<ul style="list-style-type: none">• The headphones plug is not firmly connected to the PHONES jack.• Adjust the volume.• Dirty plug.
No sound from the connected equipments	<ul style="list-style-type: none">• Check the connections and connect the connecting cord or optical cable firmly.• The amplifier is not turned on.
Slipping of sound	<ul style="list-style-type: none">• Dirty or defective disc.• Dirty lens.• Strong vibration.