

SONY

3-750-799-21 (2)

Compact Disc Compact Player



D-12

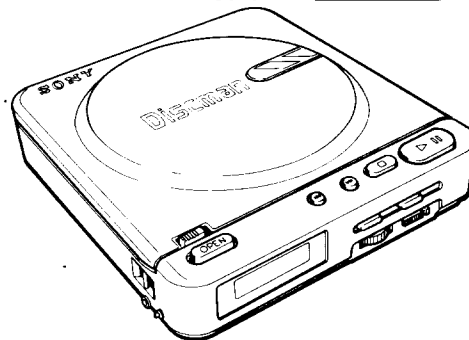
Operating Instructions

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 is 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-12 Serial No. _____



MEGA BASS
Discman

- Compact size four size AA batteries inside
- Various lock functions for preventing accidental operation
- Remotely controllable with the optional unit

Sony Corporation © 1989 Printed in Japan

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.

Maintenance

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 benzine as they may mar the finish of the casing.

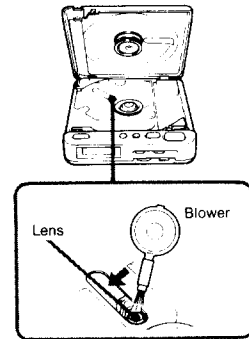
Cleaning the Lens

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.

To remove dust

Blow on the lens a few times with a commercially available blower, brush the dust away in the direction of the arrow, then blow on the lens again.

If the lens is still dirty after you have followed the above instructions and the unit still does not function properly, please consult your nearest Sony dealer.



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 benzine, thinner, commercially available cleaners or anti-static spray intended for analog discs.

After playing, store the disc in its case.



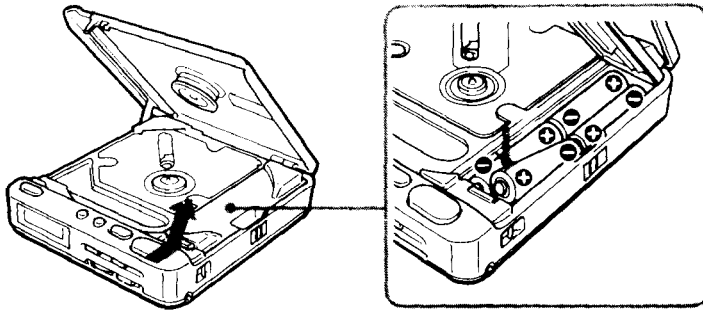
Cleaning the Headphones Plug

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

Power Sources

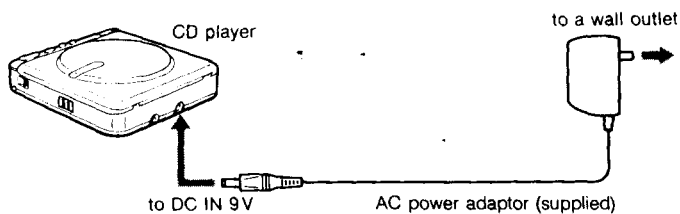
When Using Batteries

Install four size-AA (LR6) alkaline batteries.
Approximately 8 hours of continuous play is possible.



Close the battery compartment lid firmly.

Using on House Current



Notes

- When the player is not used, be sure to disconnect the AC power adaptor.
- When the AC power adaptor is used, remove the batteries.

Note

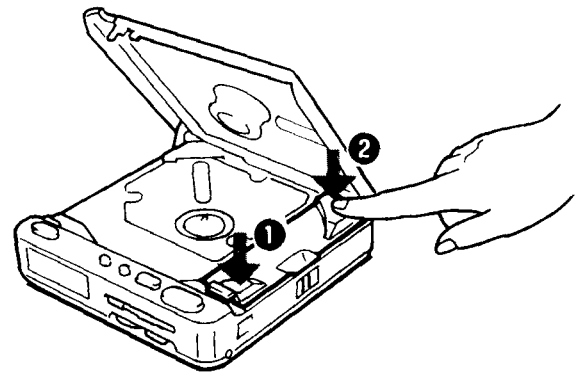
BATT appears during play or pause, and blinks when the battery becomes weak. It also blinks when you press **▶||** or **■**, or when the player gets a shock.

Notes on batteries

- Insert the batteries with correct polarity.
- Do not use the old batteries with new ones or the different types of batteries together.
- You cannot charge the battery.
- If the electrolyte inside the battery should come into contact, wash the contaminated parts in the battery box with cloth and replace old batteries with new ones.
- When the batteries are not used for a long period of time, remove them.

If the battery compartment lid is removed

Replace it by pushing both sides in the numbered order as shown.

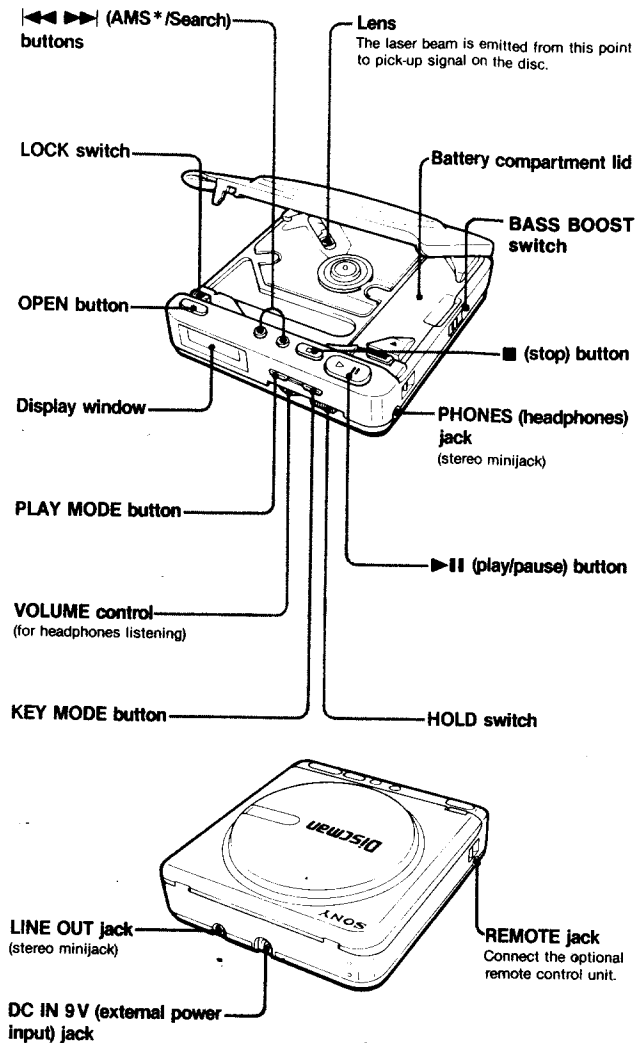


Note: Use only the supplied AC power adaptor or the recommended car battery cord manufactured by Sony. Polarity of the plugs of other manufacturers may be different.

Polarity of the Sony p



Location and Function of Controls



*AMS is an abbreviation for Automatic Music Sensor.

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 9V (external power input) jack.
- The lens on the disc table should be kept clean. **Do not touch the lens or poke 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 remove the batteries, disconnect the AC power adaptor or mount plate from the unit. To remove the power adaptor from the wall outlet, grasp the adaptor itself; never pull it by the cord.

On power sources

Use batteries, house current, or a car battery.
 For AC operation: Use the supplied AC power adaptor. Do not use any other AC power adaptor as it may cause malfunction.
 For car battery operation: Use the optional mount plate CPM-100P/200P and car connecting pack CPA-2.

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 signals or very low level inputs** you do, the speakers may be damaged when a peak level portion is played.

On installation

- Never put the unit:
 - near heat sources such as radiators or airducts.
 - in direct sunlight.
 - exposed excessive dust.
 - exposed moisture or rain.
 - exposed 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).

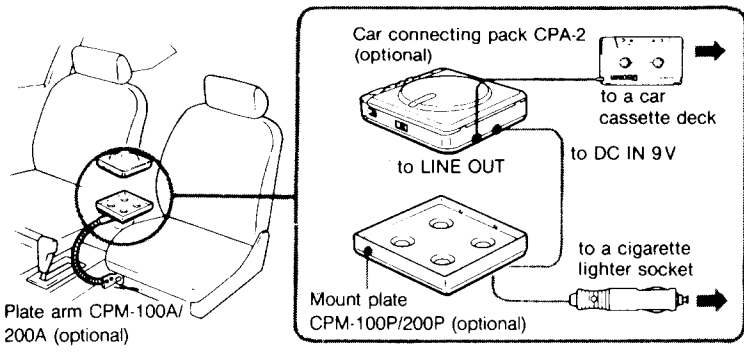
Notes on headphones

- Avoid listening with your headphones:
 - while driving, cycling, etc.
 - for an extended period of time at a high volume.
- Remember not to disturb those close to you with the sounds coming from your headphones.
- To obtain the optimum sound, keep the plug of your headphones clean by wiping it with a dry, soft cloth.

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

Various Ways of Using

Listening in a Car



You can listen to the CD player through a car cassette deck by using the Sony CPA-2 car connecting pack and the CPM-100P/200P mount plate. (The Sony CPM-100A/200A plate arm will facilitate attaching the mount plate to your car.)

Note: Any connection other than with the CPA-2 may cause noise.

Some cassette decks may not accept the CPA-2.

Do not put the unit on a dashboard nor leave it in a car parked in sunlight since the temperature may rise excessively.

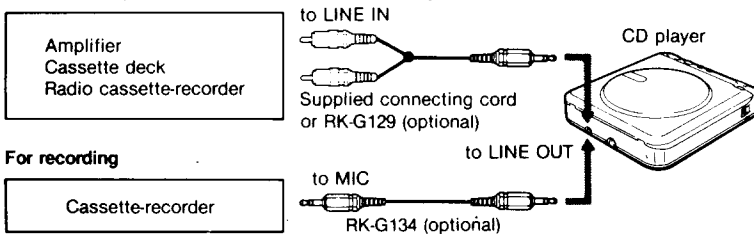
For details, refer to the instruction manual of each product.

Note on connecting with the car battery

Unplug the unit from the cigarette lighter socket when it is not being used. Otherwise, it may drain the car battery.

Connecting with Other Equipment

For monitoring through speakers and for recording

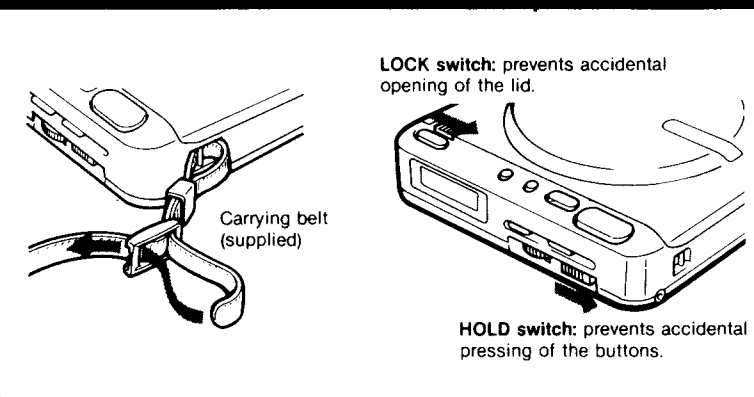


You can listen to the CD player through speakers, or record its sound.

Notes on connection

- 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 connections may cause hum 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 player or move the player away from the receiver.

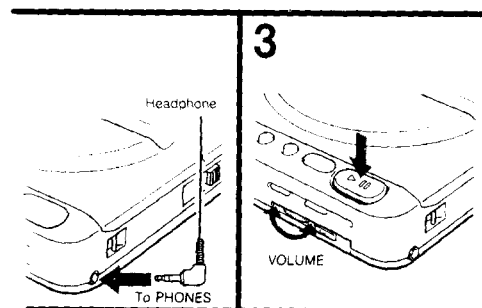
Carrying



Using a remote commander

Use the Sony RM-DM1K (wireless) or RM-DM2 (wired) remote commander unit (optional).

- Be sure to turn off the power before connecting.
- Disconnect the remote commander from the REMOTE jack when it is not being used.
- Use the RM-DM1K only when the power is supplied from the DC IN 9V jack.
- Detach the carrying belt when you use the RM-DM1K.
- A → B repeat cannot be performed. (when the RM-DM1K is used)
- You can use the remote commander even when the HOLD switch is locked.



To pause
Press ►|| PAUSE appears. To play, press again.

To stop
Press ■.

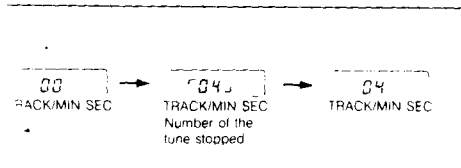
To play 3 inch CD
You can play 3 inch CD without using an adaptor for it.

Resume Play

This unit resume the disc play from the point where you pressed ■ last time.

- To clear the memory of the stopped point**
- Open the lid.
 - Change the disc.
 - Disconnect the AC power adaptor or the car battery cord. To keep the memory retained at all times, use the set with the batteries inside.




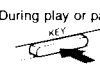


The play starts from the first selection of the disc.



zed by the BASS BOOST switch.

Locating a Particular Portion

Each time KEY MODE is pressed, locating mode changes.

<p>Locating a particular selection —AMS</p>	<p>During play or pause KEY</p> 	<p>Selection number</p> <div style="border: 1px solid black; padding: 5px; display: inline-block;">01 AMS</div> <p>TRACK/MIN SEC</p>	<p>To locate the beginning of the current selection</p> 	<p>To locate the next selection</p> 
<p>Locating a particular point in a selection —SEARCH</p>	<p>During play or pause KEY</p> 	<p>Elapsed playing time</p> <div style="border: 1px solid black; padding: 5px; display: inline-block;">00:15 SEARCH</div> <p>TRACK/MIN SEC</p>	<p>To go back at high speed</p> 	<p>To go ahead at high speed</p> 

Notes on the AMS function

- The player pauses at the beginning of the located selection when you press ◀ or ▶ in the pause mode.

If you keep pressing ◀ the player locates the previous selections. If you keep pressing ▶ the player locates the next selections and stops at the last selection.

What is this indication?




◀ appears if you continuously press ▶ at the end of the disc.

▶ appears while the player is locating a particular selection.

Press KEY MODE to return to the AMS function.

Various Playing Modes

Each time PLAY MODE is pressed, play mode changes.
To stop the disc, press ■.

<p>Repeating one selection —1 repeat</p>	<p>During play PLAY</p> 	<p>1</p> <div style="border: 1px solid black; padding: 5px; display: inline-block;">1</div> <p>TRACK/MIN SEC</p>	<p>After the current selection ends, the same selection will be repeated.</p>
<p>Repeating the whole disc —ALL repeat</p>	<p>During play PLAY</p> 	<p>ALL</p> <div style="border: 1px solid black; padding: 5px; display: inline-block;">ALL</div> <p>TRACK/MIN SEC</p>	<p>When play reaches the end of the disc, it restarts from the first selection.</p>
<p>Playing in a random order —SHUFFLE repeat</p>	<p>During play PLAY</p> 	<p>SHUFFLE</p> <div style="border: 1px solid black; padding: 5px; display: inline-block;">SHUFFLE</div> <p>TRACK/MIN SEC</p>	<p>The selections in the disc will be played in a random order. After all the selections have been played, they will be reshuffled and played continuously in a different order each time.</p>

Press PLAY MODE to return to the normal play.

During shuffle play

To locate the beginning of the selection being played




Press ◀

To locate the next selection

Press ▶

You cannot locate a previous selection even if you keep pressing ◀

Notes on compact discs

 <p>Handle the disc by its edge.</p>	<p>Not this way</p>  <p>Do not touch the surface.</p>	<p>Not this way</p>  <p>Do not stick paper or tape nor write anything on the surface.</p>
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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. 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 adaptor is not plugged into the wall outlet.• The cord of the mount plate CPM-100P/200P is not firmly connected.• The unit is not placed on a level surface.• The disc is incorrectly inserted.• The HOLD switch is set to the direction of the arrow.• 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 control.• Dirty plug.
No sound from the connected speakers	<ul style="list-style-type: none">• Check the connections.• The amplifier is not turned on.
Skipping of sound	<ul style="list-style-type: none">• Dirty or defective disc.• Dirty lens.• Strong vibration.

Specifications

CD section

System Compact disc digital audio system
Material: GaAlAs
Wavelength: 780 nm
Emission duration: Continuous
Laser output: Less than 44.6 μ W
(This output is the value measured at a distance of 200 mm from the objective lens surface on the Optical Pick-up Block.)
Frequency response 20-20,000 Hz; \pm dB
Output (at 9 V input level) Line output (stereo minijack)
Output level 1 V rms at 47 kilohms
Load impedance over 10 kilohms
Headphones (stereo minijack)
9 mW + 9 mW at 32 ohms

General

Power requirements DC 6V, four size AA (LR6) alkaline batteries
DC IN jack accepts:
• Supplied AC power adaptor for use on 120 V AC, 60 Hz
• Sony CPM-100P/200P mount plate (optional) for use on 12 V car battery
Power consumption 1.2W DC

Dimension

Approx. 138.6 \times 38.5 \times 150 mm (5 1/2 \times 1 1/4 \times 6 in.) (w/h/d)
incl. projecting parts and controls

Weight

Approx. 450 g (1 lb) net

Supplied accessories

Approx. 545 g (1 lb 3 oz) incl. batteries
AC power adaptor (1)
Connecting cord (1)
Carrying belt (1)
Stereo headphone (1)
Optional accessories Car battery cord DCC-50/DCC-120A
Car connecting pack CPA-2
Wired remote control unit RM-DM2
Wireless remote control kit RM-DMIK
Car mount plate CPM-100P/200P
Car mount arm CPM-100A/200A
Active speaker SRS-55

Optional accessories

Design and specifications subject to change without notice.