

SONY

3-759-853-21 (1)

Portable CD-ROM XA Drive

Operating Instructions

CD-ROM Discman

PRD-150

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Owner's Record

The model number and the serial number are located on 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. PRD-150

Serial No. _____

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.

CAUTION

As the laser beam used in this CD-ROM drive unit is harmful to the eyes, do not attempt to disassemble the cabinet. Refer servicing to qualified personnel only.

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.

This shielded interface cable (audio cable) recommended in this manual must be used with this equipment in order to comply with the limits for a digital device pursuant to subpart B of Part 15 of FCC.

You are cautioned that any changes or modifications not expressly approved in this manual could void your authority to operate this equipment.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference, and
- (2) this device must accept any interference received, including interference that may cause undesired operation.

This unit uses CD-ROM discs with the following mark.

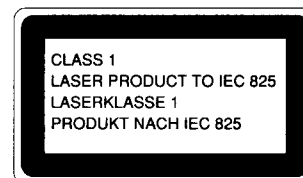


When you use this unit as a CD player, use compact disc with the following mark.



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

For the customers in the United Kingdom



This CD-ROM drive unit is classified as a CLASS 1 LASER product. The CLASS 1 LASER PRODUCT label is located on the bottom.

For the customers in Canada

This apparatus complies with the Class B limits for radio noise emissions set out in Radio Interference Regulations.

For the customers in Australia

If the supply cord of AC power adaptor is damaged, the AC power adaptor must be returned to the manufacturer or his agent for the cord to be replaced.

NOTICE TO USERS

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The software described herein may also be governed by the terms of a separate user license agreement.

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- MS-DOS and Windows are registered trademarks of Microsoft Corporation.
- PC-DOS and PC/AT are registered trademarks of International Business Machines Corporation.
- 386SX is a trademark of Intel Corporation.
- Sound Blaster is a trademark of Creative Labs, Inc.

Features

CD-ROM Discman connects to the PCMCIA slot of your PC and functions as an external CD-ROM drive. It comes with the following features:

- Compact, portable CD-ROM drive
- Supports MPC Level 2, CD-ROM XA, and Photo CD Multisession standards.
- 380 ms disc access time (average)
- Double speed, 300 KByte/sec data transfer rate
- PHONES and LINEOUT jacks for playback of audio CDs and CD-ROM XA
- PCMCIA Plug and Play Specification compatible

System requirements

- PC/AT compatible with 386SX or higher processor
- 2MB or more RAM
- PCMCIA 2.1 Type II slot
- PCMCIA Card and Socket Services 2.1
- MS-DOS or PC-DOS 3.1 or higher
- Windows 3.1
- A 3.5 inch high density floppy disk drive (to install the supplied software)

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Precautions

On installation

Keep the unit away from high humidity, high temperature, mechanical vibration and direct sunlight.

On operation

- Do not move the unit while it is operating. Doing so may cause a malfunction.
- Avoid exposing the unit to sudden changes in temperature. This may cause condensation to collect inside the unit. If the ambient temperature should suddenly rise while the unit is turned on, wait at least one hour before turning off the unit. If you attempt to operate the unit immediately after a sudden increase in temperature, a malfunction may occur during reading.

On transportation

- Save the packing materials as you may need to repack and transport the unit at a later date.
- Always remove the disc before moving the unit.

On the rechargeable battery

- Store the battery at a temperature between 5°C (41°F) and 35°C (95°F).
- Do not short-circuit the (+) and (–) terminals with a piece of metal. This will cause the battery to heat up abnormally, which is very dangerous.
- Keep the battery away from fire.
- Do not expose the battery to water.
- Do not disassemble the battery.
- Do not drop the battery or subject it to mechanical shock.
- Do not touch the terminals with wet hands.
- Charge the battery at room temperature.

On the PCMCIA card

- Protect the card from static electricity. The components on the card can be destroyed by static electricity. Do not directly touch the I/O connector.
- Protect the card from mechanical shock.
The card consists of electronic components that have precise dimensions. Do not drop or bump the card.
- To remove the card, always press the release button on the PC to eject the card, then remove it completely. (Do not insert/remove the interface cable from the card while the card is inside the PCMCIA slot.)
- Do not touch the card with wet hands.
- Do not expose the card to water.

On headphones

Road safety

Do not use headphones while driving, cycling, or operating any motorized vehicle. It may create a traffic hazard and is illegal in some areas. It can also be potentially dangerous to play your headphones at high volume while walking, especially at pedestrian crossings. You should exercise extreme caution or discontinue use in potentially hazardous situation.

Preventing hearing damage

Avoid using headphones at high volume.

Hearing experts advise against continuous, loud and extended play. If you experience a ringing in your ears, reduce volume or discontinue use.

Caring for others

Keep the volume at a moderate level. This will allow you to hear outside sounds and to be considerate to the people around you.

On handling a disc

- Always hold a disc by its edge. Do not touch the surface (the side without a label.)
- Do not stick paper or write anything on the surface of the disc.

Yes



No



On safety

- Do not put any objects in the safety slot inside the disc compartment. If you do so, the laser beam may come out when the lid is opened.
- Should any solid objects or liquid fall into the unit, unplug it and have it checked by qualified personnel before operating it any further.
- Do not put any foreign objects in the DC IN 6V (external power input) jack.

On power sources

- When you are not using the unit for a long time, disconnect all power sources from the unit.
- To unplug the AC power adaptor from the wall outlet, grasp the adaptor itself, do not pull its cord.

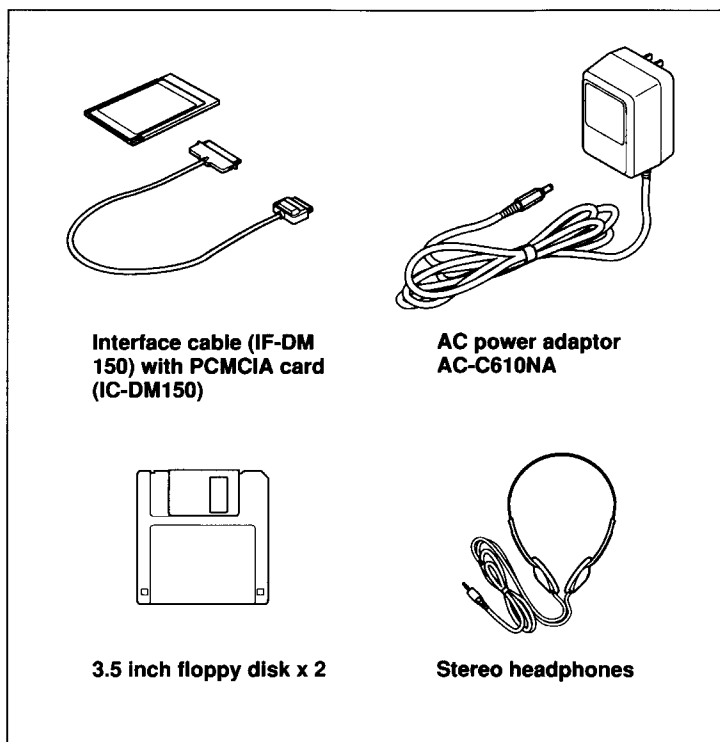
On the unit

- Keep the lens on the unit clean and do not touch it. If you do so, the lens may be damaged and the unit will not operate properly.
- Do not leave the unit in a location near heat sources, or in a place subject to direct sunlight, excessive dust or sand, moisture, rain, mechanical shock, or in a car with its windows closed.
- If the unit causes interference to the radio or television reception, turn off the unit or move it away from the radio or television.
- Do not wrap the unit in a cloth or blanket during use as it may cause malfunction or serious accidents.

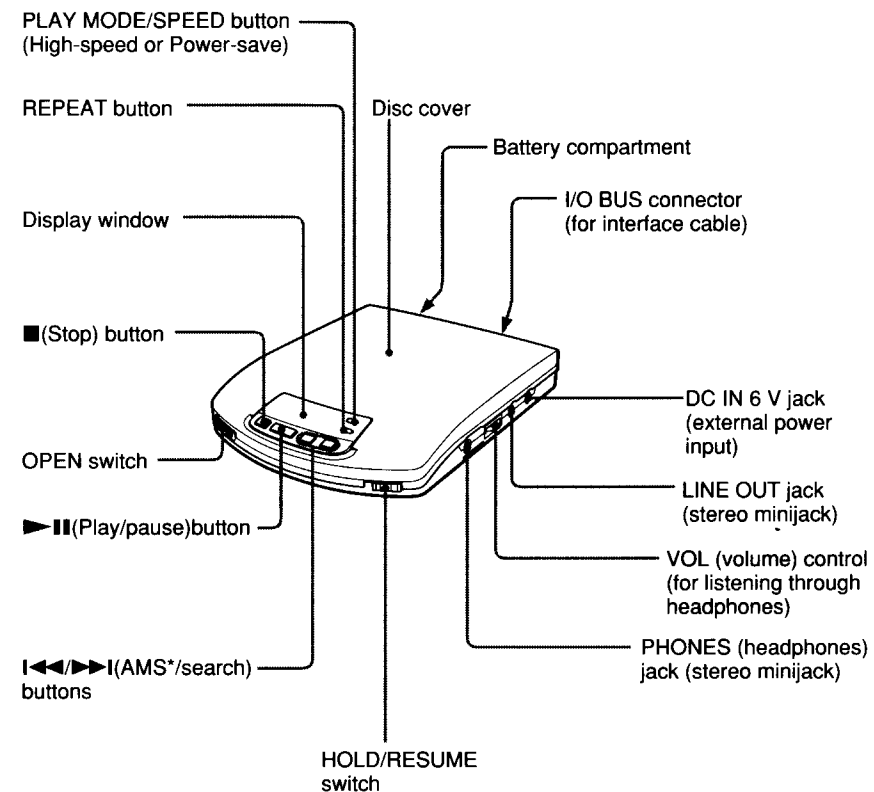
Preparation

Checking the Package Contents

Make sure the following items are included in the package. If anything is missing, contact your local Sony dealer.

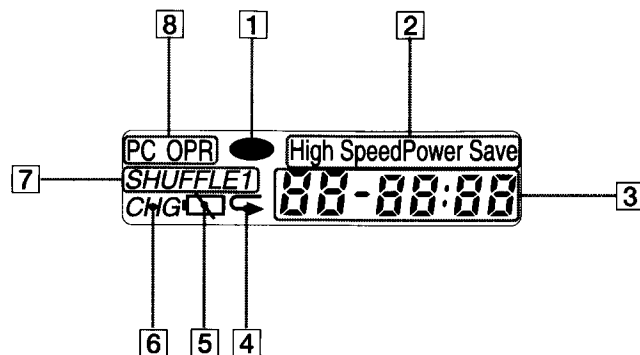


Identifying the Parts



*AMS: Automatic Music Sensor

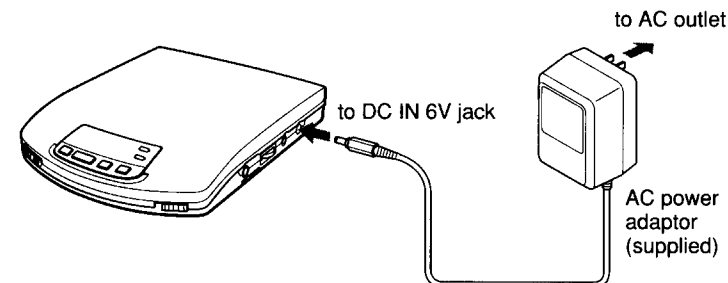
Display window



- | | |
|---|---|
| <p>1 Busy indicator
Appears when a disc is being accessed.</p> <p>2 High Speed/Power Save indicator
Indicates the sled access speed when the unit is functioning as a CD-ROM drive.</p> <p>3 Counter (CD-Audio use)
Indicates tracks and play times on a disc.</p> <p>4 Repeat indicator (CD-Audio use)
Appears when the repeat mode is on.</p> | <p>5 Battery indicator
Appears when the battery is low.</p> <p>6 Charge indicator
Appears when the battery is charging.</p> <p>7 Play modes
The corresponding indicator appears when the play mode is "shuffle" or "single selection"; none appears when the play mode is "all selections".</p> <p>8 PC OPR indicator
Appears when the unit is operating as a CD-ROM drive.</p> |
|---|---|

Connecting to an AC Outlet

Use the AC power adaptor (supplied) to connect the unit to an AC outlet, as illustrated.



Notes on the AC power adaptor

- The AC power adaptor may differ depending on the country of purchase.
- When the AC power adaptor is not used, unplug it from the AC outlet.
- Use only the AC power adaptor supplied. Do not use any other AC power adaptor.



Polarity of the plug

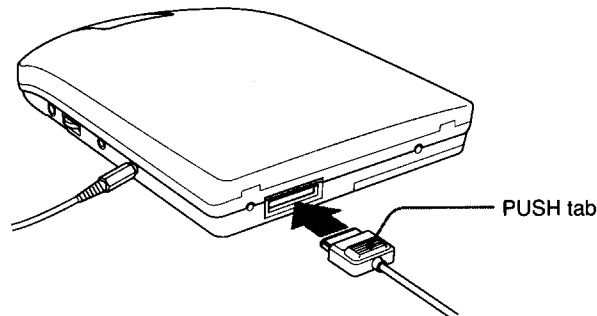
Notes on power source

- Besides AC power, the unit can also operate on alkaline batteries (not supplied), or the rechargeable battery (not supplied). See the "Using Other Features" section for details.
- When multiple power sources are available, the unit will use a power source in the following order: AC power, alkaline batteries/rechargeable battery.

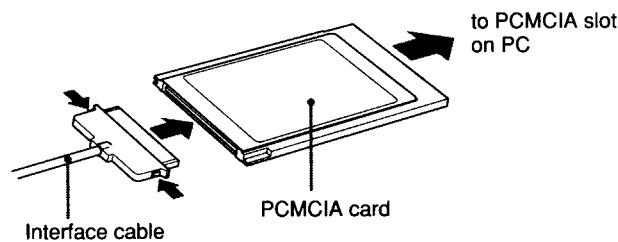
Connecting to Your PC

Make sure the unit is turned off.

- 1 While pressing the PUSH tab, insert the plug of the interface cable into the I/O BUS connector.



- 2 Make sure the shapes of the connectors of the interface cable and the PCMCIA card match. While pressing the two tabs shown, insert the other end of the interface cable into the PCMCIA card supplied. Then plug the card into a PCMCIA Type II slot on your PC.



Caution

While operating, do not remove the interface cable from the PCMCIA card.

Plug and Play support

The unit supports the Plug and Play standard. When the unit is connected to a Plug and Play-supported PC, the PC will recognize insertion and removal of the card.

Installing the Software

Before operating the CD-ROM drive, you must install the software on the supplied Installation Software Disk onto your PC. The installation can be done from DOS or Windows™, as follows:

Installing under MS-DOS™ or PC-DOS™

- 1 Insert the Installation Software Disk into, for example, Drive A of your PC.
- 2 At the DOS prompt, type:
a:install
as appropriate, then press Enter.
- 3 Follow the instructions on the screen to complete the installation.
At the end of the installation, the software will clear the screen and restart your PC. If your PC does not restart, you may need to restart it manually by, for example, turning it off and then back on again.

Installing under Windows

- 1 Start Windows, if it is not already running.
Be sure to quit all running applications.
- 2 Insert the Installation Software Disk into, for example, Drive A of your PC.
- 3 From the File Menu of either the File Manager or the Program Manager, choose Run. In the Command Line box, type:
a:install
as appropriate.