

Electronic Book Player

User's Guide

DATA Discman

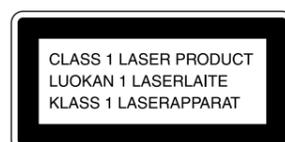
DD-57

Sony Corporation ©1999 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.



This electronic book player is classified as a CLASS 1 LASER product. The CLASS 1 LASER PRODUCT label is located on the bottom exterior.

DATA Discman is a trademark of the Sony Corporation.

Notes on the Electronic Book Player

About the EG and EXA Marks

When you purchase an electronic book for the player, make sure it comes with an EG or EXA mark. EG means electronic books that contain only character data or character and graphics data, published by the end of the year 1994. From 1995, the EXA mark is placed on the electronic books as well as on the electronic book players.

Search Methods

The player offers 6 search methods, plus the possibility of giving references to related entries. Usable search methods depend on the electric book you use. Refer to the instructions of the electronic book you purchased.

The 6 search methods are identified with the symbols below:

WORD : Word search by specifying the beginning letters of an entry

END : Word search by specifying the final letters of an entry

KEY : Keyword search by specifying the keywords an entry must contain

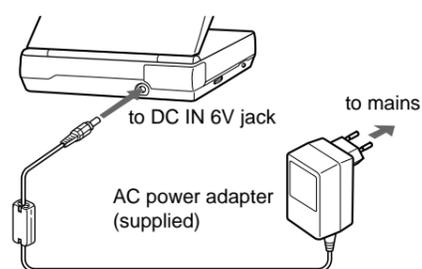
MENU : Menu search by selecting from a menu similar to a table of contents in a conventional book

MULTI : Menu search by specifying a number of conditions an entry must meet

GRAPH : Graphic search by selecting from a series of graphic symbols

Connecting to the Mains

Use the AC power adapter (supplied) to connect the player to mains, as follows:



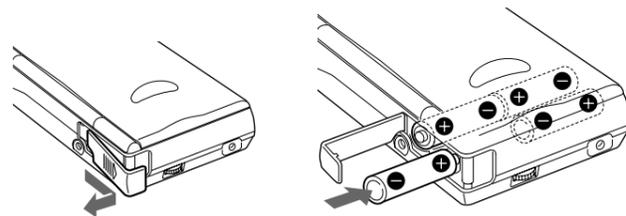
Notes on the AC power adapter

- The player will use the power supply from the mains even when other power supply sources (such as batteries) are available at the same time.
- When the AC power adapter is not used, unplug it from the mains.
- Use only the AC power adapter supplied. Do not use any other AC power adapter.



Using Alkaline Batteries

Four AA (LR6) alkaline batteries (not supplied) can deliver about 14 hours of power for performing search operations (in normal conditions of use) and for 6.5 hours for playing an audio CD (8 cm size) continuously. Insert the batteries with the correct ⊕ and ⊖ polarity.



When the Batteries Become Dead

The mark appears briefly, then the player turns off.

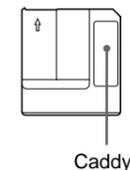
Notes on batteries

- Avoid mixing old batteries with new ones or different types of batteries.
- If you are not going to use the player for a long time, remove any batteries inside.
- If a battery leaks, clean the battery compartment and replace all the batteries with new ones.

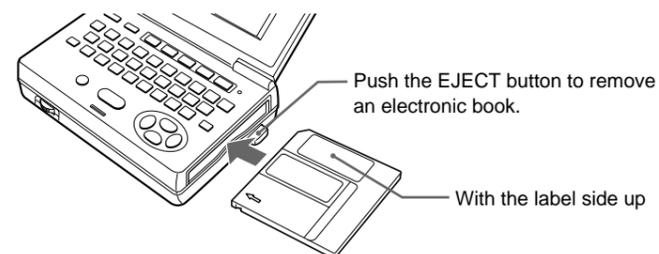
Inserting/Removing an Electronic Book

Caution

Do not remove the disc from the caddy except for troubleshooting or maintenance. The caddy has been designed to protect the disc inside.



Insert an electronic book, label side up, into the electronic book slot as far as it can go. The electronic book clicks into place when completely inserted. The player turns on.



When removing an electronic book, make sure that the player is turned off. Then, press the EJECT button to pop out the electronic book.

Note

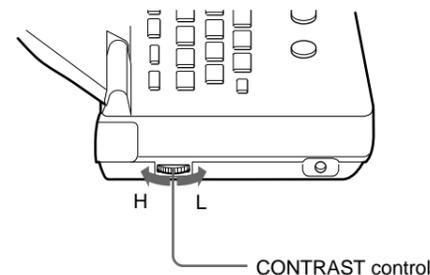
If the caddy gets stuck in the player, please do not try to pull it out. Gently push the caddy back into the player and press the EJECT button again.

Caution

Never insert anything other than an electronic book into the slot. Otherwise, the player will be damaged.

Adjusting the Contrast

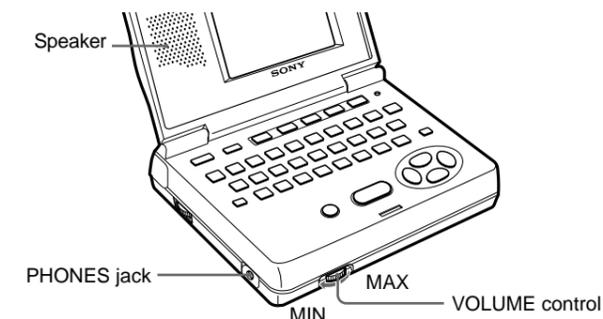
If necessary, use the CONTRAST control to adjust the contrast on the display.



Listening to Audio Information

A search result may contain audio information in the form of pronunciation of a word, narration, etc. You can use the built-in speaker or headphones (not supplied) to listen to the sound. Press to fastforward, to rewind. To stop, press .

Use the VOLUME control to adjust the speaker volume.



Using the Headphones

Plug the headphones (not supplied) into the PHONES jack. When the headphones are used, the sound will come out from the headphones only, but not from the speaker.

Note

Always set the volume at the low level, then adjust it to a more comfortable level once you are listening.

Starting/Ending a Search

Insert an electronic book into the player and the player turns on automatically.

To end the search, press to turn off the player. It is possible to turn off the player at any time. If the electronic book inside will not be used for a long time, remove it from the player.

Note

The player automatically turns off if it remains idle for 20 minutes when using with the batteries.

Using the Sleep Function

The sleep function allows you to turn off the player without losing your place in the electronic book.

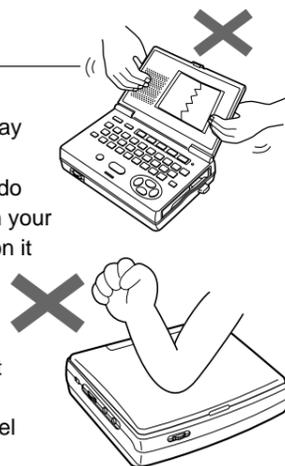
When viewing a search result, press (OFF) to turn the player off. The next time you press , you will be taken back to the last page viewed. If, however, you insert a different electronic book, the sleep function will no longer be effective.

Precautions

Electronic Book Player

On Safety

- The display is made of glass and may break if it is bent.
- Since the display is made of glass, do not push the player from above with your elbow, etc. or place heavy objects on it such as books. The glass used for the display may break.
- As the laser beam used in this player is harmful to the eyes, do not attempt to disassemble the casing. Refer servicing to qualified personnel only.
- Do not insert anything in the DC IN 6V (external power input) jack.
- When the player is used with the AC power adapter, do not wrap the unit in a cloth, blanket, etc. If you do so, the temperature inside and outside the player may rise considerably, resulting in malfunctioning of the player or serious accidents.
- Should any solid object or liquid fall into the player, disconnect the power source and have the player checked by qualified personnel before using it any further.
- Do not drop the player as a malfunction may result.



On power sources

- Use alkaline batteries (not supplied) or mains in your home or office.
- For AC operation: Use the AC power adapter supplied with this player. Do not use any other AC power adapters as they may cause malfunction.
- After operating the unit with an AC power adapter, disconnect the AC power adapter from the mains if the set is not to be used for an extended period of time. The [POWER] switch on the player does not turn the AC adapter off.

On installation

Never expose the player to:

- heat sources such as radiators or air ducts.
- direct sunlight.
- excessive dust.
- moisture or rain.
- mechanical vibration or shock.
- inclined position.
- a dashboard or leave it in a car parked in sunlight.

On condensation

If the player is brought directly from a cold location to a warm one, or is placed in a very damp room, condensation may occur on the lens inside the player, causing it to malfunction. If this happens, remove any electronic book inside the player, then leave the player in a warm place for a few hours until the condensation evaporates.

About the temperature

The bottom of the player may get warm. This is not a malfunction. The AC power adapter also gets warm. However, if the AC power adapter gets excessively hot, disconnect it and have it checked by your nearest Sony dealer.

Electronic Books

Except for maintenance or troubleshooting, do not remove an electronic book disc from its caddy; otherwise the disc may get scratched or dirty.

Do not store electronic books:

- in direct sunlight.
- in a place subject to high temperature.
- on the dashboard or seat of a car in summer or in direct sunlight.

When you are not going to use an electronic book for a long time, remove it from the player.

Maintenance

Electronic Book Player

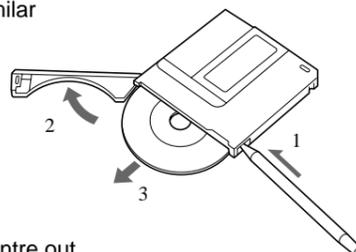
Cleaning the casing

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

Electronic Books

If the electronic book contents cannot be read, clean the disc as follows:

- 1 Use a ballpoint pen (or similar object) to gently slide the switch in the OPEN slot to the left. Then fully open the cover and remove the disc by its edge from the caddy.



- 2 Clean the disc from the centre out, using a clean soft cloth. Do not use solvents such as benzine, thinner, commercially available cleaners or anti-static spray intended for use with records.



- 3 Insert the disc back, with its label side facing the same direction as that of the caddy.

Troubleshooting

Pressing [POWER] does not turn on the player.

- The disc in the caddy is inserted upside down.
 - ➔ Insert the disc with the label side up. (See "Maintenance.")
- The disc is dirty.
 - ➔ Clean the disc. (See "Maintenance.")
- Condensation has occurred inside the player.
 - ➔ Remove any electronic book inside and leave the player in a warm place for a few hours until the moisture evaporates.
- The AC power adapter is not connected properly.
 - ➔ Connect the AC power adapter correctly. (See "Connecting to the Mains.")

No picture appears on the display.

- The contrast is too low.
 - ➔ Use the CONTRAST control (see "Adjusting the Contrast") located on the left-hand side of the player, to increase the contrast.

No sound comes from the speaker or headphones.

- The speaker volume is too low.
 - ➔ Use the VOLUME control (see "Listening to Audio Information") located on the front part of the player, to increase the volume.
- The headphones are not connected correctly.
 - ➔ Plug the headphones into the PHONES jack located on the left-hand side of the player.

If an Error Message Appears

Cannot read the disc

- Re-insert the disc
- Clean the disc

- The electronic book disc is dirty.
 - ➔ Clean the disc. (See "Maintenance.")
- The electronic book is not inserted correctly.
 - ➔ Remove and then insert it again. (See "Inserting/Removing an Electronic Book.")

Please insert the disc

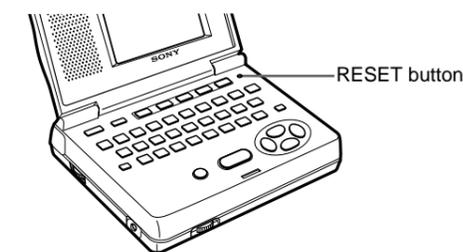
- No electronic book is inserted.
 - ➔ Insert an electronic book. (See "Inserting/Removing an Electronic Book.")
- The electronic book disc is upside down.
 - ➔ Remove the disc from the caddy and re-insert it with the label side up. (See "Maintenance.")

The disc inserted is not an EB

- The format of the disc is inappropriate.
 - ➔ Use only electronic books that have the  or  mark.

If the Player Does Not Operate

Use a ballpoint pen (or similar object) to press the RESET button. This turns off the player so that you can start again.



Specifications

Laser diode properties

Material	GaAlAs
Wave length	780 nm
Emission duration	Continuous
Laser output	Less than 44.6 μW (measured at a distance of 200 mm from the objective lens surface on the Optical Pick-up Block)

Power

Power requirements	240 V AC, 50 Hz using the supplied Sony AC power adapter connected to the DC IN 6V jack 6V DC using 4 size AA (LR6) batteries (not supplied)
Power consumption	1.6 W DC

General

Dimensions	Approximately 160.0 × 34.0 × 110.0 mm (6 3/8 × 1 3/8 × 4 3/8 inches) (w/h/d)
Mass	Approximately 350 g (12 oz) (not including batteries or an electronic book) Approximately 480 g (17 oz) (including batteries and an electronic book)
Supplied accessories	AC power adapter (1) POCKET INTERPRETER (1)

Design and specifications are subject to change without notice.

IN NO EVENT SHALL SONY CORPORATION BE LIABLE FOR ANY INCIDENTAL, CONSEQUENTIAL OR SPECIAL DAMAGES, WHETHER BASED ON TORT, CONTRACT, OR OTHERWISE, ARISING OUT OF OR IN CONNECTION WITH THIS MANUAL, THE SOFTWARE OR OTHER INFORMATION CONTAINED HEREIN OR THE USE THEREOF.