Portable Hard Disk Audio Player
Network Walkman

Operating Instructions

Owner's Record
The model and serial numbers are located at the rear of the player. 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.   NW-HD1
Serial No.   _____

WALKMAN   *Atrac3plus*

"WALKMAN" is a registered trademark of Sony Corporation to represent Headphone Stereo products.   **W• WALKMAN**   is a trademark of Sony Corporation.

NW-HD1

WARNING

To prevent fire or shock hazard, do not expose the unit to rain or moisture.

Do not install the appliance in a confined space, such as a bookcase or built-in cabinet.

To prevent fire, do not cover the ventilation of the apparatus with newspapers, table cloths, curtains, etc. And don't place lighted candles on the apparatus.

To prevent fire or shock hazard, do not place objects filled with liquids, such as vases, on the apparatus.

Note on installation

If you use the unit at a place subject to static or electrical noise, the track's transferring information may be corrupted. This would prevent successful transferring authorization on your computer.

For the customers in the USA and Canada

RECYCLING LITHIUM-ION BATTERIES

Lithium-ion batteries are recyclable.
You can help preserve our environment by returning your used rechargeable batteries to the collection and recycling location nearest you.

For more information regarding recycling of rechargeable batteries, call toll free 1-800-822-8837, or visit **http://www.rbrc.org/**.

Caution: Do not handle damaged or leaking Lithium-ion batteries.

For the Customers in Deutschland Für Kunden in Deutschland

Entsorgungshinweis: Bitte werfen Sie nur entladene Batterien in die Sammelboxen beim Handel oder den Kommunen. Entladen sind Batterien in der Regel dann, wenn das Gerät abschaltet und signalisiert „Batterie leer" oder nach längerer Gebrauchsdauer der Batterien „nicht mehr einwandfrei funktioniert". Um sicherzugehen, kleben Sie die Batteriepole z.B. mit einem Klebestreifen ab oder geben Sie die Batterien einzeln in einen Plastikbeutel.

For the Customers In Netherlands Voor de Klanten in Nederland

Gooi de batterij niet weg maar lever deze in als klein chemisch afval (KCA).

In sommige landen gelden wettelijke voorschriften met betrekking tot de afvoer van de batterij waarmee dit toestel wordt gevoed. Raadpleeg hiervoor de lokale instanties.

For the customers in the USA

INFORMATION:

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

If you have any questions about this product:

Visit: www.sony.com/walkmansupport
Contact:
Sony Customer Information Service Center at 1-(866)-456-7669
Write:
Sony Customer Information Services Center 12451 Gateway Blvd.,
Fort Myers, FL 33913

Declaration of Conformity

Trade Name:	SONY
Model No.:	NW-HD1
Responsible Party:	Sony Electronics Inc.
Address:	16450 W. Bernardo Dr, San Diego, CA 92127 USA
Telephone Number:	858-942-2230

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.

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Table of Contents

Notice for Users

On the supplied software

- Copyright laws prohibit reproducing the software or the manual accompanying it in whole or in part, or renting the software without the permission of the copyright holder.
- In no event will SONY be liable for any financial damage, or loss of profits, including claims made by third parties, arising out of the use of the software supplied with this player.
- In the event a problem occurs with this software as a result of defective manufacturing, SONY will replace it. However, SONY bears no other responsibility.
- The software provided with this player cannot be used with equipment other than that which is so designated.
- Please note that, due to continued efforts to improve quality, the software specifications may be changed without notice.
- Operation of this player with software other than that provided is not covered by the warranty.

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Documentation ©2004 Sony Corporation

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Precautions

On safety
• Do not put any foreign objects in the DC IN jack of the USB cradle.
• Be sure not to short-circuit the terminals of the USB cradle with other metallic objects.

On installation
• Never use the player where it will be subjected to extremes of light, temperature, moisture or vibration.
• Never wrap the player in anything when it is being used with the AC power adaptor. Heat build-up in the player may cause malfunction or damage.

On heat build-up
Heat may build up in the player or USB cradle while charging if it is used for an extended period of time.

On the 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 many areas. It can also be potentially dangerous to play at a high volume while walking, especially at pedestrian crossings. You should exercise extreme caution or discontinue use in potentially hazardous situations.

Preventing hearing damage
Avoid using the headphones at a high volume. Hearing experts advise against continuous, loud and extended play. If you experience a ringing in your ears, reduce the 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.

Warning
If there is lightning when you are using the player, take off the headphones immediately.

On cleaning
• Clean the player casing with a soft cloth slightly moistened with water or a mild detergent solution.
• Clean the headphone plug periodically.

Notes
• Do not use any type of abrasive pad, scouring powder or solvent such as alcohol or benzene as it may mar the finish of the casing.
• Be careful not to let water into the USB cradle or the recording USB cradle from the clearance at the connection part.

If you have any questions or problems concerning the player, consult your nearest Sony dealer.

NOTES
• The recorded music is limited to private use only. Use of the music beyond this limit requires permission of the copyright holders.
• Sony is not responsible for incomplete recording/downloading or damaged data due to problems of the player or computer.

Checking the Supplied Accessories

• Headphones (1)   • USB cradle (1)
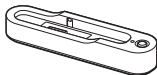
• Dedicated USB cable (1)
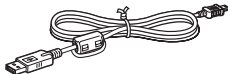
• AC power adaptor (1)
  (For the supplied USB cradle)
• Carrying pouch (1)
• CD-ROM (1) *
  (SonicStage, PDF of Operating Instructions)
• Quick Start Guide (1)

* Do not play this CD-ROM on an audio CD player.

For customers in the US

The AC power adaptor supplied with this unit is not intended to be serviced. Should the AC power adaptor cease to function in its intended manner during the warranty period, the adaptor should be returned to your nearest Sony Service Center or Sony Authorized Repair Center for replacement, or if a problem occurs after the warranty period has expired, the adaptor should be discarded.
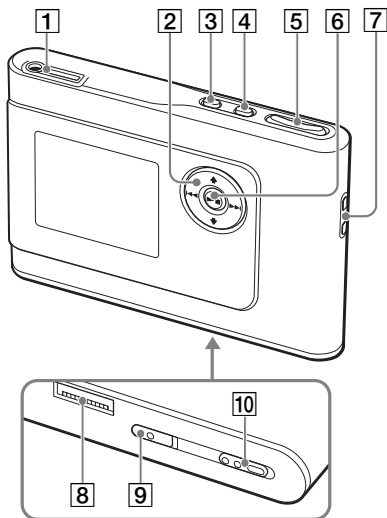
Optional accessories

Active speaker system	SRS-Z1 SRS-Z30
Car connecting pack	CPA-9C
Connecting cord	RK-G129 RK-G136
Earphones	MDR-EX71SL MDR-Q55SL

Your dealer may not handle some of the accessories listed above. Please ask the dealer for detailed information about the accessories in your country/region.

Guide to Parts and Controls

Player

1. ⌒ (headphones)/LINE OUT jack
   (☞ page 18)

2. ↑, ↓, ⏮, ⏭ buttons (☞ page 19, 20)

3. MENU button (☞ page 24, 27)

4. MODE button (☞ page 20)

5. VOLUME +*/– buttons (☞ page 18)

6. ►■ (play/stop) button (☞ page 18, 19)

7. Hole for hand strap**

8. USB cradle connector (☞ page 8, 15)

9. BUILT-IN BATTERY switch (☞ page 8)

10. HOLD switch (☞ page 18)

* This button has a tactile dot.

** You can attach your own hand strap.

Player display
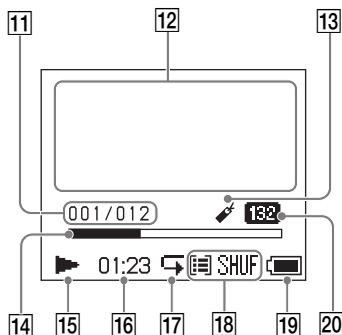
11. Track number indicator (☞ page 19)

12. Character information display
    (☞ page 19)

13. Bookmark indicator (☞ page 23)

14. Playback progress bar (☞ page 19)

15. Playback indicator (☞ page 19)

16. Playing time (☞ page 19)

17. Repeat indicator (☞ page 26)

18. Play mode indicator (☞ page 24),
    Sound indicator (when adjusting the
    volume, ☞ page 28)

19. Battery indicator (☞ page 9)

20. Bit rate (☞ page 13)

About the serial number

The serial number provided for this player is
required for the customer registration. The
number is on a label on the rear of the player.

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Preparing a Power Source

Charge the built-in lithium-ion rechargeable battery before using it for the first time or when it is depleted.
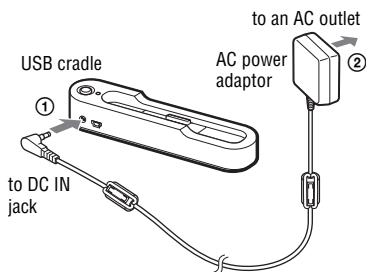
1 Slide the BUILT-IN BATTERY switch to ON.

The protection for the built-in rechargeable battery is released and power is supplied to the player. Keep the switch to ON position.
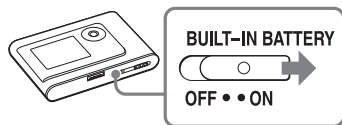

2 Connect the USB cradle to the AC power adaptor.

Connect the DC plug of the AC power adaptor to the DC IN jack of the USB cradle, and then connect the AC plug to a wall outlet.

3 Place the player on the USB cradle.

Insert the player as shown below until it clicks into place.
Charging of the battery starts. The CHG lamp lights up on the USB cradle, and if the player is on, the battery indicator in the display changes.
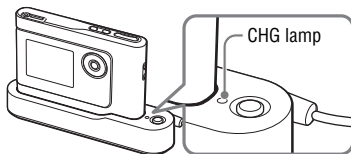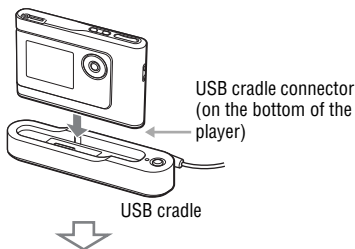
Charging is completed and the CHG lamp goes off in approximately 3 hours*. The lighting mark lights up in the display if the player is on. When the player display is off, it takes approximately 1 hour* to charge up to 80%.

* This is the approximate charging time for an empty battery charged under a room temperature. When the player display is on, it takes approximately 6 hours to charge up to 80%. The charging time will differ depending on the remaining power and battery condition. If the battery is charged in a low-temperature environment, the charging time will be longer.

To remove the player from the USB cradle

Press RELEASE.

RELEASE
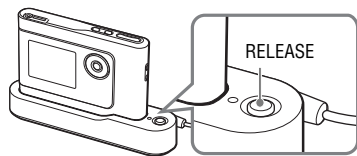
Notes

- If the player is connected to the computer for a long time while charging, charging may stop to prevent the temperature of the player from increasing too much. In this case, the CHG lamp goes out. Remove the player from the USB cradle and start charging again after a while.
- If the player will not be used for three months or more, set the BUILT-IN BATTERY switch to OFF to prevent degradation of the battery.
- Charge the battery in an ambient temperature of between 5 to 35ºC (41 to 95ºF).

Notes on the AC power adaptor

- Use only the AC power adaptor and USB cradle supplied with the player. Do not use any other AC power adaptor since this may cause the player to malfunction.

- The player is not disconnected from the AC power source (mains) as long as it is connected to the wall outlet, even if the player itself has been turned off.
- If you are not going to use the player for a long time, be sure to disconnect the power supply. To remove the AC power adaptor from the wall outlet, grasp the adaptor plug itself; never pull the cord.

Checking the remaining power of the battery

The remaining power of the battery is indicated in the display. As the black indicator section decreases, the remaining power is depleted further.
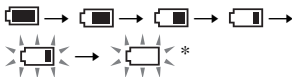
* "LOW BATTERY" appears in the display and beep sounds.

When the battery is depleted, recharge the battery.

Notes

- The display shows the approximate battery power remaining. For example, one section does not always indicate one-fourth of the battery power.
- Depending on the operating conditions, the display may increase or decrease relative to the actual power remaining.

Battery life (continuous use)

Playing time for ATRAC3plus 48 kbps is approximately 30 hours.
The amount varies depending on how the player is used.

Installing SonicStage on Your Computer

Using the supplied CD-ROM, install the SonicStage on your computer.

Preparing the required system

The following system environment is required.

Computer	IBM PC/AT or Compatible	
	• CPU: Pentium II 400 MHz or higher (Pentium III 450 MHz or higher is recommended.)	
	• Hard disk drive space: 200 MB or more (1.5 GB or more is recommended.) (The amount of space will vary according to the Windows version and the number of music files stored on the hard disk.)	
	• RAM: 64 MB or more (128 MB or more is recommended.)	
	Others	• CD drive (capable of digital playback by WDM)
		• Sound Board
		• USB port (Hi-Speed USB is supported.)
Operating System	Factory installed: Windows XP Media Center Edition 2004/Windows XP Media Center Edition/ Windows XP Professional/Windows XP Home Edition/Windows 2000 Professional/ Windows Millennium Edition/Windows 98 Second Edition	
Display	High Color (16 bit) or higher, 800 × 600 dots or better (1024 × 768 dots or better is recommended.)	
Others	• Internet access: for Web registration, EMD services and CDDB	
	• Windows Media Player (version 7.0 or higher) installed for playing WMA files	

Notes

• SonicStage is not supported by the following environments:
  – Operating systems other than those the indicated above
  – Personally constructed PCs or operating systems
  – An environment that is an upgrade of the original manufacturer-installed operating system
  – Multi-boot environment
  – Multi-monitor environment
  – Macintosh
• We do not guarantee trouble-free operation on all computers that satisfy the system requirement.
• The NTFS format of Windows XP/Windows 2000 Professional can be used only with the standard (factory) settings.
• For Windows 2000 Professional users, install Service Pack 3 or later version before using the software.
• We do not guarantee trouble-free operation of the system suspend, sleep, or hibernation function on the computers.

Installing SonicStage

Check the following before installing the SonicStage software.

- Make sure to close all other software, including any virus-check software, as such software usually demands a large amount of system resources.
- Make sure to use the supplied CD-ROM for installing SonicStage.
  - If OpenMG Jukebox or SonicStage has been installed, the existing software will be overwritten by the new version with the new functions.
  - If SonicStage Premium, SonicStage Simple Burner, or MD Simple Burner has been installed, the existing software will co-exist with SonicStage.
  - You will still be able to use audio data registered by the existing software. As a precaution, we recommend that you back up your audio data. To back up the data, refer to "Backing Up My Library" – "Backing Up Data to a Disk" on SonicStage Help.

1 **Turn on your computer and start up Windows.**

2 **Insert the supplied CD-ROM into the CD drive of your computer.**

The setup program starts up automatically and the installation window appears. Depending on the region, a window may appear asking you to select your country. In this case, follow the displayed instructions.

3 **Click "Install SonicStage," and then follow the displayed instructions.**

"Install SonicStage"
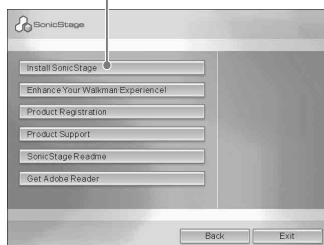
Read the instructions carefully.
Depending on your region, the buttons other than "Install SonicStage" may differ from those in the illustration above.
The installation may take 20 to 30 minutes, depending on your system environment.
Make sure to restart your computer only after the installation is completed.
If any trouble occurs during the installation, see "Troubleshooting" (☞ page 39).

Note on uninstalling

"OpenMG Secure Module" is installed when you install SonicStage. If you uninstall SonicStage, do not delete OpenMG Secure Module since it may be used by other software.

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Before Playback

The following procedures using the SonicStage installed on your computer are necessary before playback.

• Importing tracks (audio data), which you want to listen to with the player, to your computer (☞ right)
• Transferring audio data from your computer to the player (☞ page 14)

Playable audio data

This player can play audio data compressed in the ATRAC3plus/ATRAC3 formats.
ATRAC3 (Adaptive Transform Acoustic Coding3) is an audio compression technology that satisfies the demand for high sound quality and high compression rates.
ATRAC3plus is developed from the ATRAC3 format and can compress audio files to about 1/20 of their original size at 64 kbps.

Importing audio data to your computer

Record and store tracks (audio data) from an audio CD to the SonicStage "My Library" on the hard disk drive of your computer.
You can record or import tracks from other sources such as the Internet and your computer's hard disk. Refer to SonicStage Help for details (☞ page 16).

"Music Source"　　　Source indication

"CD Info"　　　"Format/Bit Rate"
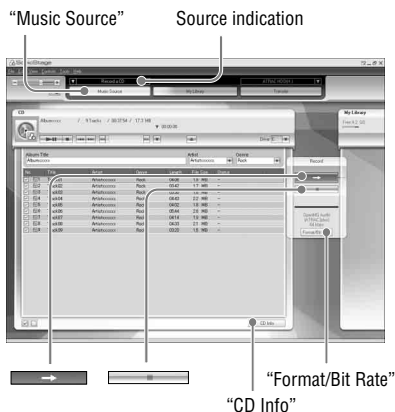
1 **Select "Start" – "All Programs"* – "SonicStage" – "SonicStage."**

SonicStage starts up.

If you use the earlier version of SonicStage, the "SonicStage file conversion tool"** window appears when you start up SonicStage for the first time after installing it. Follow the instructions in the window.
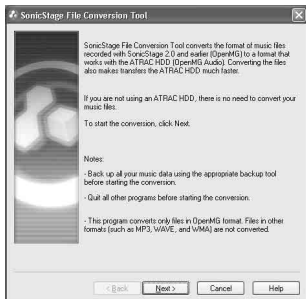
* "Programs" in the case of Windows Millennium Edition/Windows 2000 Professional/Windows 98 Second Edition

**This tool converts the audio files that were imported to your computer with SonicStage2.0 or a prior version into the optimum data format (OpenMG) for this player, in order to transfer audio data to the player at high speed.

2 **Insert the audio CD that you want to record into the CD drive of your computer.**

The source indication in the top-left of the SonicStage window changes to "Record a CD."

3 **Click "Music Source" on the SonicStage window.**

The contents of the audio CD appear in the music source list. If CD information such as album title, artist name, and track names could not be obtained automatically, click "CD Info" on the right side of the window (connection to the Internet is necessary).

4 **If necessary, change the format and bit rate for audio CD recording.**

Click "Format/Bit Rate" on the right side of the SonicStage window to display "CD Recording Format [My library]" dialog box.

The default setting is OpenMG Audio (ATRAC3plus) for format and 64 kbps for bit rate.

5 **Click** ⟶ **on the SonicStage window.**

The recording of the selected tracks starts.

To stop recording

Click ▢ on the SonicStage window.

To select the tracks you do not want to record

Before step **5**, click the track number to uncheck ☑ on the SonicStage window.

Note

Only audio CDs with a ![CD logo] mark can be used with SonicStage. We do not guarantee normal operation in the case of the copy-controlled CDs.
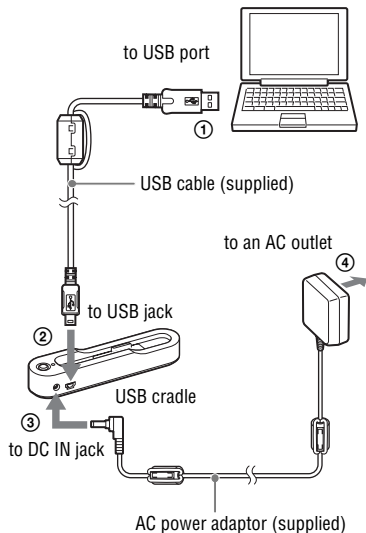
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Transferring audio data to the player

Transfer the tracks (audio data) stored in SonicStage "My Library" on your computer to the player in ATRAC3plus/ATRAC3 format.

"Transfer"　　　　"ATRAC HDD"

My Library list
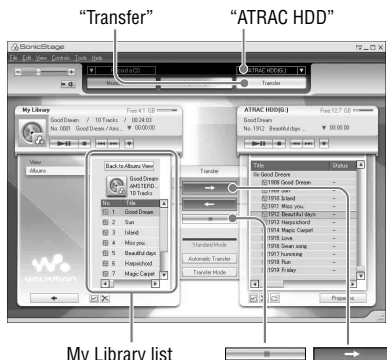
1 **Connect the USB cradle to your computer and the AC power adaptor.**

Connect the large connector of the dedicated USB cable to a USB port on your computer and the small connector to the USB jack on the USB cradle.
Then connect the supplied AC power adaptor to the DC IN jack on the USB cradle, and lastly to a wall outlet.


to USB port

①

USB cable (supplied)

to an AC outlet

④

to USB jack

②

USB cradle

③

to DC IN jack

AC power adaptor (supplied)

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2 Place the player on the USB cradle.

Insert the player as shown below until it clicks into place.

"PC Connect" appears in the display.

The setup display for automatic transfer appears in the SonicStage window. Follow the instructions in the window. For details, see the SonicStage Help (☞ page 16).

USB cradle connector (on the bottom of the player)   USB cradle
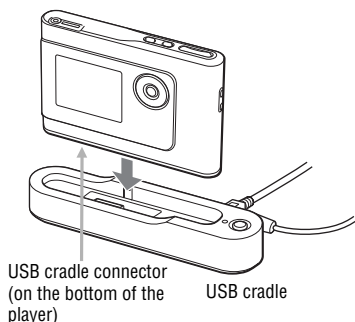
3 Click "Transfer" on the right side of the SonicStage window.

The screen is switched to the Transfer window.

4 Select "ATRAC HDD" from the Transfer Destination list on the right side of the SonicStage window.

5 Click the tracks you want to transfer from the My Library list on the left side of the SonicStage window.

To transfer more than one track, hold down the "Ctrl" key while selecting the tracks. To transfer all tracks of the album, click the album.

6 Click [→] on the SonicStage window.

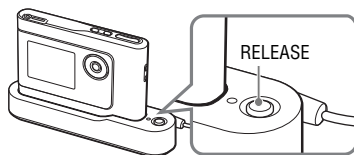Transfer of the selected tracks starts. You can check the transferring status on the SonicStage window.

To stop transferring

Click [■] on the SonicStage window.

To remove the player from the USB cradle

Press RELEASE.

RELEASE

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- Do not disconnect the USB cable or remove the player from the USB cradle while the data is transferred. The data being transferred may be destroyed.
- Use of the player with a USB hub or a USB extension cable is not guaranteed. Always connect the player to the computer directly using the dedicated USB cable.
- Some USB devices connected to the computer may interfere with the proper operation of the player.
- The control buttons on the player are all disabled while it is connected to a computer. If you place the player on the USB cradle connected to the computer during playback, playback stops and "PC Connect" appears in the player display.
- When there is not enough free space on the player for audio data to be transferred, the transfer will fail.
- During the transfer, the system suspend, sleep, or hibernation function will not operate.
- Depending on the type of the text and number of characters, the text entered by SonicStage may not be displayed on the player. This is due to the limitations of the player.
- If the player is connected for a while to a computer that is powered, or after lots of data is transferred to the player, the player may get warm. However, this is not a malfunction. Remove the player from the USB cradle and leave it aside for a while.

Using SonicStage Help

SonicStage Help provides further details on how to use SonicStage. SonicStage Help allows you to search easily for information from a list of operations, such as "Importing audio data" or "Transferring audio data," or from large list of keywords, or by typing in words that might lead you to the appropriate explanations.

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1 **Click "Help" – "SonicStage Help" while SonicStage is running.**

Help appears.
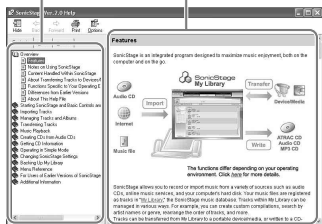The player is explained as "ATRAC HDD" in SonicStage Help.

"SonicStage Help"

- In SonicStage Help, "Device/Media" is the general term for this player.
- Follow the instructions of your internet provider regarding such things as recommended system.

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To understand SonicStage Help

The left side frame   The right side frame

1 Double click " Overview" in the left-side frame of SonicStage Help.
2 Click " About This Help File."
   The explanation will appear in the right-side frame.
   Scroll the display if necessary. Click underlined words to jump to their explanations.

To search for a word inside an explanation

"Type in the keyword to find" text box

"Search"   "List Topics"

A list of the typed   An explanations of
words   the selected item

"Display"
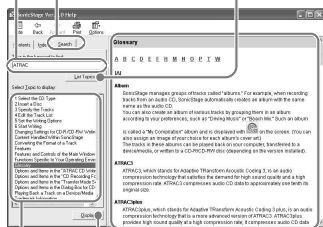
1 Click "Search."
2 Type in the words.
3 Click "List Topics."
   A list of the typed words is displayed.
4 Click to select the desired item among those displayed.
5 Click "Display."
   An explanation of the selected item is displayed.

17

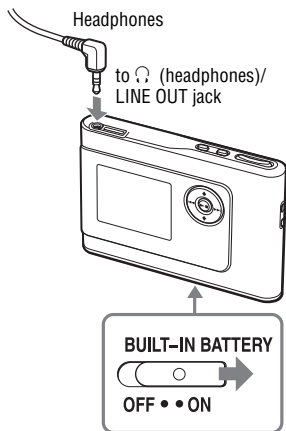# Playing Back

Transfer audio data from your computer to the player beforehand (☞ page 14).
You can change the language to your own for the menu and the messages in the display (☞ page 27).

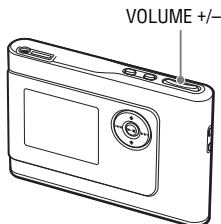**1** **After setting the BUILT-IN BATTERY switch to ON (☞ page 8), connect headphones to the player.**

Headphones

to ⌒ (headphones)/
LINE OUT jack

BUILT–IN BATTERY

OFF • • ON

2 **Press ►■.**

► (play) appears on the left bottom of the display and the player starts playback.

►■

► appears.
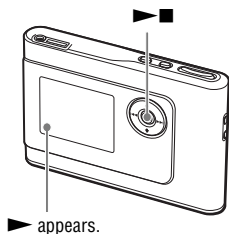
3 **Adjust the volume by pressing VOLUME +/–.**

VOLUME +/–

Notes

- When using the built-in battery, if the player is not operated for about 30 seconds while in stop mode, the display automatically turns off. When scrolling track titles, etc., the display turns off about 30 seconds after scrolling is finished.
- When using the AC power adaptor, if the player is not operated for about 3 minutes while in stop mode, the display automatically turns off. When scrolling track titles, etc., the display turns off about 3 minutes after scrolling is finished.
- If playback does not start, make sure that the HOLD switch is set to off (☞ below).

Locking the controls (HOLD)

You can prevent accidental button presses while carrying the player by locking the controls. "HOLD" flashes on the display if you press any button when the HOLD function is activated.

1 **Slide the HOLD switch in the direction of the arrow.**

To unlock the controls

Slide the HOLD switch in the direction opposite to that of the arrow.

18

Basic playback operations (Play, stop, search)

To	Operation
Play from a point where you stopped the player previously	Press ►■. Playback starts from the point where you stopped.
Stop playback	Press ►■.
Find the beginning of the current track	Press I◄◄ once.
Find the beginning of previous tracks*	Press I◄◄ repeatedly.
Find the beginning of the next track*	Press ►►I once.
Find the beginning of succeeding tracks*	Press ►►I repeatedly.
Go backwards quickly	Press and hold I◄◄.
Go forward quickly	Press and hold ►►I.

Playback

* When shuffle play or play unit shuffle play (☞ page 25) is selected, playback order is different.
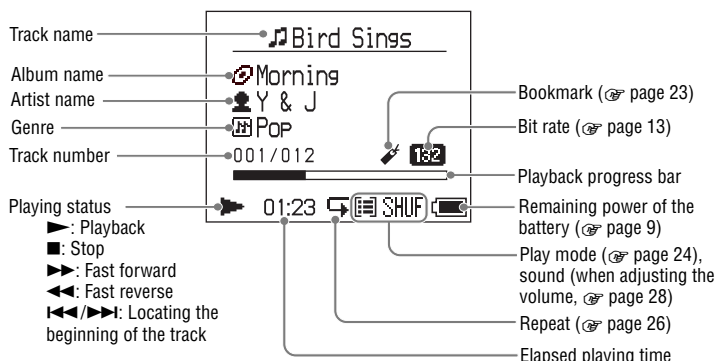
To turn off the player
Press and hold MENU until the display disappears.
To turn on the player again, press any button.

Checking information in the display
You can check audio data and the playback status in the player display.

Player display during playback

Track name ——— ♪Bird Sings
Album name ——— 🎵Morning
Artist name ——— 👤Y & J
Genre ——— 🎼Pop
Track number ——— 001/012   🔖 132
Playing status ——— ► 01:23 🔁📧 SHUF 🔋

Bookmark (☞ page 23)
Bit rate (☞ page 13)
Playback progress bar
Remaining power of the battery (☞ page 9)
Play mode (☞ page 24), sound (when adjusting the volume, ☞ page 28)
Repeat (☞ page 26)
Elapsed playing time

Playing status
►: Playback
■: Stop
►►: Fast forward
◄◄: Fast reverse
I◄◄/►►I: Locating the beginning of the track

> **Note**
>
> The characters A to Z, a to z, 0 to 9, and symbols (except /) can be displayed.

19

Playing Back Tracks Selected by MODE
(Artist, Album, Genre, Group, etc.)

By grouping the tracks in the player into a "MODE," such as by "Artist" or "Album," you can select tracks you want to listen to. There are five MODEs, and the steps here use the displays of the Artist MODE as an example.
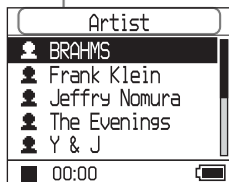For details about the displays of each MODE, see ☞ page 22.
You can also play the selected tracks repeatedly (☞ page 26) or randomly (shuffle play, ☞ page 25).

1 **Press MODE repeatedly to select a MODE.**

Each press of the button changes the MODE as follows:

Artist (👤) → Album (💿) →
Genre (📷) → Group (📁) →
Others → Return to Artist

— MODE appears.

```
┌──────────────────────────┐
│        Artist            │
│ 👤 BRAHMS                │
│ 👤 Frank Klein           │
│ 👤 Jeffry Nomura         │
│ 👤 The Evenings          │
│ 👤 Y & J                 │
│ ■  00:00           ▭     │
└──────────────────────────┘
```
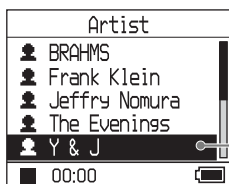
2 **Press ↑ or ↓ to select an item in the MODE.**

To start playback here, press ►■.
Playback starts from the first track in the first album of the artist you selected. All the albums of the artists listed after the selected artist are played in the track number order.

Artist you want to listen to.

```
┌──────────────────────────┐
│        Artist            │
│ 👤 BRAHMS                │
│ 👤 Frank Klein           │
│ 👤 Jeffry Nomura         │
│ 👤 The Evenings          │
│ 👤 Y & J        ○        │
│ ■  00:00           ▭     │
└──────────────────────────┘
```

3 **To search tracks more, press ►►I.**

Artist selected in step **2**.

```
┌──────────────────────────┐
│ 👤 Y & J                 │
│ 💿 Best Hit Sony         │
│ 💿 EVENING MAN           │
│ 💿 Hello, Mr. midni      │
│ 💿 Lunch Time Song       │
│ 💿 Morning               │
│ ■  00:00           ▭     │
└──────────────────────────┘
```
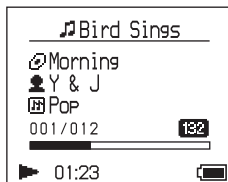
Albums of the selected artist appear.

4 **Press ↑ or ↓ to select an item, and then press ►■.**

Playback starts from the track you selected or the first track of the item (artist, album, etc.) you selected. All the tracks listed after the selected items are played in the track number order.

```
┌──────────────────────────┐
│      ♫ Bird Sings        │
│ 💿 Morning               │
│ 👤 Y & J                 │
│ 📷 Pop                   │
│ 001/012        [132]     │
│ ─────────────────────────│
│ ►  01:23           ▭     │
└──────────────────────────┘
```

20

To return to the display where you start playback

Press and hold MODE.

To return to the display where you select a MODE

Press MODE.

To return to the track list

Press ↑ or ↓.

To stop playback when selecting a MODE or in the list display

Press and hold ►■.

To go to the playback display again after returning to the display where you select a MODE or to the list display
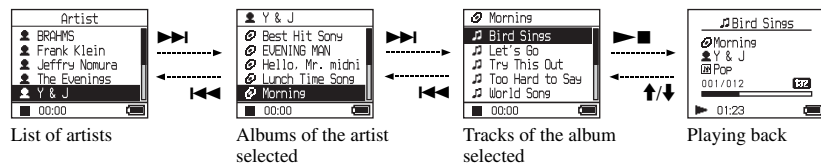
Press and hold MODE.

MODE displays

The display differs depending on the MODE.
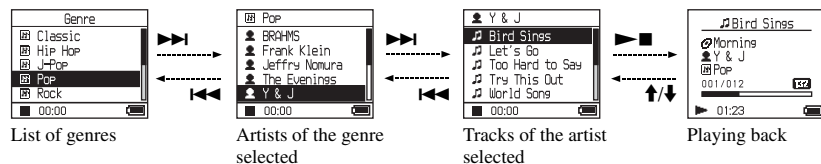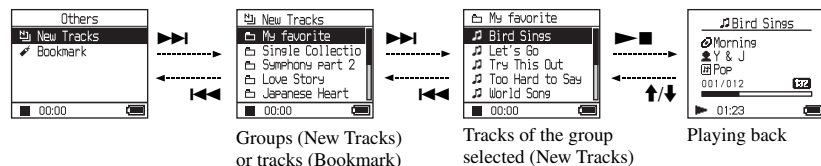You can start playback by pressing ▶■ in all the displays.

Artist

Artist	Albums of the artist	Tracks of the album	Playing back
Artist ♣ BRAHMS ♣ Frank Klein ♣ Jeffry Nomura ♣ The Evenings ♣ Y & J ■ 00:00	**♪ Y & J** 𝄞 Best Hit Sony 𝄞 EVENING MAN 𝄞 Hello, Mr. midni 𝄞 Lunch Time Song 𝄞 Morning	**𝄞 Morning** ♪ Bird Sings ♪ Let's Go ♪ Try This Out ♪ Too Hard to Say ♪ World Song ■ 00:00	**♪Bird Sings** 𝄞Morning ♣Y & J ⊞Pop 001/012 ▶ 01:23

List of artists | Albums of the artist selected | Tracks of the album selected | Playing back

Album

Album	Tracks of the album	Playing back
Album 𝄞 Best Hit Sony 𝄞 EVENING MAN 𝄞 Hello, Mr. midni 𝄞 Lunch Time Song 𝄞 Morning ■ 00:00	**𝄞 Morning** ♪ Bird Sings ♪ Let's Go ♪ Try This Out ♪ Too Hard to Say ♪ World Song ■ 00:00	**♪Bird Sings** 𝄞Morning ♣Y & J ⊞Pop 001/012 ▶ 01:23

List of albums | Tracks of the album selected | Playing back

Genre

Genre	Artists of the genre	Tracks of the artist	Playing back
Genre ⊞ Classic ⊞ Hip Hop ⊞ J-Pop ⊞ Pop ⊞ Rock ■ 00:00	**⊞ Pop** ♣ BRAHMS ♣ Frank Klein ♣ Jeffry Nomura ♣ The Evenings ♣ Y & J	**♣ Y & J** ♪ Bird Sings ♪ Let's Go ♪ Too Hard to Say ♪ Try This Out ♪ World Song ■ 00:00	**♪Bird Sings** 𝄞Morning ♣Y & J ⊞Pop 001/012 ▶ 01:23

List of genres | Artists of the genre selected | Tracks of the artist selected | Playing back

Group: playing tracks in the groups created in the SonicStage

Group	Tracks of the group	Playing back
Group 🗀 My favorite 🗀 Single Collectio 🗀 Symphony part 2 🗀 Love Story 🗀 Japanese Heart ■ 00:00	**🗀 My favorite** ♪ Bird Sings ♪ Let's Go ♪ Try This Out ♪ Too Hard to Say ♪ World Song ■ 00:00	**♪Bird Sings** 𝄞Morning ♣Y & J ⊞Pop 001/012 ▶ 01:23

List of groups | Tracks of the group selected | Playing back

Others

- "New Tracks": Tracks in groups newly transferred to the player (the 5 latest times)
- "Bookmark": Bookmarked tracks (for how to add the bookmark, ☞ page 23)

Others	Groups (New Tracks) or tracks (Bookmark)	Tracks of the group selected (New Tracks)	Playing back
Others 🗂 New Tracks ✎ Bookmark ■ 00:00	**🗂 New Tracks** 🗀 My favorite 🗀 Single Collectio 🗀 Symphony part 2 🗀 Love Story 🗀 Japanese Heart ■ 00:00	**🗀 My favorite** ♪ Bird Sings ♪ Let's Go ♪ Try This Out ♪ Too Hard to Say ♪ World Song ■ 00:00	**♪Bird Sings** 𝄞Morning ♣Y & J ⊞Pop 001/012 ▶ 01:23

Adding a bookmark
(Bookmark track play)

You can play your favorite tracks by adding a Bookmark to them. To play bookmarked tracks, select Others MODE (☞ page 20).

1 **During playback of the track where you want to add a Bookmark, press and hold ↑ or ↓.**

The number of bookmarks (the number of bookmarked tracks/the number of possible bookmark) appears, and then ✔ (Bookmark) lights up.

2 **If you want to add a Bookmark to two or more tracks, repeat step 1.**

You can add Bookmarks to up to 100 tracks.

To play the bookmarked tracks

1 Press MODE repeatedly to select Others MODE.

2 Press ↑ or ↓ to select "Bookmark," and then press ▶▶I.
To playback all the bookmarked tracks, press ▶■.

3 Press ↑ or ↓ to select a track, and then press ▶■.

To remove bookmarks

During playback of the track where you want to remove a Bookmark, press and hold ↑ or ↓.
"Off" appears and ✔ disappears from the display.

Note

You cannot add or remove a bookmark while the player is stopped.

Changing Playback Options (Play Mode)

You can use various playback options, such as selecting songs you want to listen to and playing songs in random order.
For details about playback options (Play Mode), see ☞ page 25.
You can also play songs repeatedly using the playback options you choose (repeat play, ☞ page 26).

1 Press MENU.

The MENU display appears.

```
            MENU
Repeat
Play Mode
Sound
AVLS
Beep
■  00:00              ▭
```
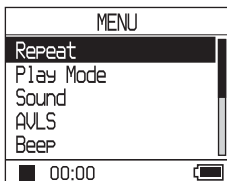
2 Press ↑ or ↓ to select "Play Mode," and then press ►■.

The Play Mode display appears.

```
         Play Mode
✓ Normal
  1Track        1
  Play Unit     ▤
  Track SHUF    ♫SHUF
  Unit SHUF     ▤SHUF
■  00:00              ▭
```
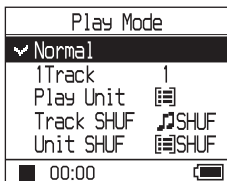
3 Press ↑ or ↓ to select the playback options, and then press ►■.

The default setting is "Normal" (normal play).

```
         Play Mode
  Normal
  1Track        1
  Play Unit     ▤
  Track SHUF    ♫SHUF
✓ Unit SHUF     ▤SHUF
■  00:00   ▤ SHUF ▭
```
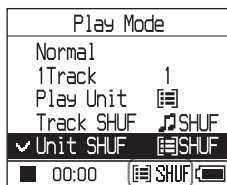
Playback options appear.

4 Press MENU twice to go to the playback display, and then press ►■.

Playback starts in the selected playback option.

To cancel set up

Press MENU to return to the MENU display. Press and hold MODE or press MENU in the MENU display to return to the display before step **1**.

To return to normal play

In step **3**, select "Normal."

To return to the display where you select a MODE
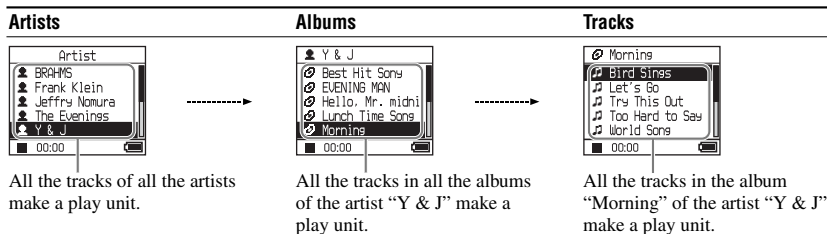
Press MODE.

24

Playback options (Play Mode)

A range of tracks to be played ("Play unit" ☞ below) differs depending on the MODE (☞ page 20) where you start playback.

In the MENU display/icon	Explanation
Normal/No icon (Normal play)	All the tracks after the selected track are played once in the track number order. When you select an item (album, artist, etc.) other than a track, all the tracks are played once from the first track of the item in the track number order.
1 Track/1 (Single play)	The selected track is played once. When you select an item (album, artist, etc.) other than a track, only the first track is played once.
Play Unit/ 🎵≣ (Play unit play)	All the tracks of the selected play unit are played once in a track number order.
Track SHUF/ 🎵 SHUF (Shuffle play)	All the tracks of the selected play unit are played once in random order.
Unit SHUF/ ≣ SHUF (Play unit shuffle play)	All the tracks in the selected play unit are played once in random order for every play unit.

Playback

What is a "play unit" ?

All the items (an artist, an album, a track, etc.) on the list when you start playback is called a "play unit."

Example: When you select Artist MODE

Artists	Albums	Tracks

Artist	♂ Y & J	⊘ Morning

All the tracks of all the artists make a play unit. | All the tracks in all the albums of the artist "Y & J" make a play unit. | All the tracks in the album "Morning" of the artist "Y & J" make a play unit.

When selecting "Play Unit" (Play unit play)

• Playback starts from the tracks of "Y & J" and stops after playing all the tracks of "The Evenings."	• Playback starts from the album "Morning" and stops after playing all the tracks of the album "Lunch Time Song."	• Playback starts from the first track of the album "Morning" and stops after playing all the tracks.

When selecting "Unit SHUF" (Play unit shuffle play)

|		
• Playback is in random order for every artist. Albums or tracks of the artist are played in order.	• Playback is in random order for every album. Tracks of the album are played in order.	• The tracks in the album "Morning" are played in random order.

Continued ⟶

25

Playing tracks repeatedly (Repeat play)

Playback of tracks repeats in the playback options selected in ☞ page 24.

1 Select the playback option you want to repeat (☞ page 24).

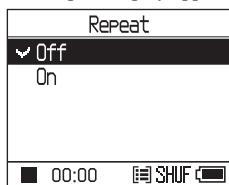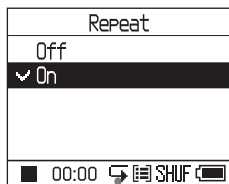**2** Press MENU.

The MENU display appears.

```
          MENU
Repeat
Play Mode
Sound
AVLS
Beep
■  00:00    ⊟ SHUF ▱
```
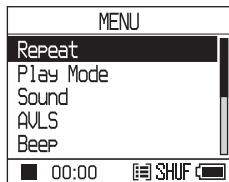
3 Press ↑ or ↓ to select "Repeat," and then press ►■.

The Repeat display appears.

```
         Repeat
✔ Off
  On


■  00:00    ⊟ SHUF ▱
```

4 Press ↓ to select "On," and then press ►■.

```
         Repeat
  Off
✔ On


■  00:00 ⤶ ⊟ SHUF ▱
```
        ⤶ appears.

5 Press MENU twice to go to the playback display, and then press ►■.

The current playback option repeats.

To repeat all the tracks

Select the MODE other than "Others," and then follow steps **1** to **5**.

To cancel set up

Press MENU to return to the MENU display. Press and hold MODE or press MENU in the MENU display to return to the display before step **2**.

To return to normal play

In step **4**, select "Off" on the Repeat display.
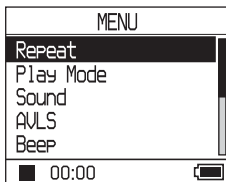
To return to the display where you select a MODE

Press MODE.

26

Changing Sound Quality and Settings

For details about various setting items, see ☞ page 28.

1 Press MENU.

The MENU display appears.

```
          MENU
  Repeat
  Play Mode
  Sound
  AVLS
  Beep
  ■   00:00          ▭
```

2 Press ↑ or ↓ to select the item, and then press ▶■.

The display to set the selected item appears.

3 Press ↑ or ↓ to select an option, and then press ▶■.

To change sound quality

After step **3**, press ↑ or ↓ to select an option, and then press ▶■.
When you select "Custom 1" or "Custom 2," you can customize sound quality (☞ page 30).

To return to the previous display

Press ◀◀.

To cancel set up

Press MENU to return to the MENU display. Press and hold MODE or press MENU in the MENU display to return to the display before step **1**.

To return to the display where you select a MODE

Press MODE.

Playback

27

Setup items

Item	Options (●: Default setting)		
Sound (Sound setting)	● Off		Normal sound quality
	V-SUR*	Studio (VS)	Recreates the sound of a recording studio.
		Live (VL)	Recreates the sound of a concert hall.
		Club (VC)	Recreates the sound of a dance hall.
		Arena (VA)	Recreates the sound of a stadium.
	Sound EQ*	Heavy (SH)	Powerful sounds, further emphasizing high and low ranges compared with Pops sound
		Pops (SP)	Lively sounds, emphasizing high and low range audio
		Jazz (SJ)	For vocal, stressing middle range audio
		Unique (SU)	Special sounds, emphasizing high and low range audio more than middle range
		Custom1 (S1)	Customized sound (☞ page 30 for details)
		Custom2 (S2)	Customized sound (☞ page 30 for details)
AVLS** (Limiting volume)	On		The maximum volume is limited to protect your hearing.
	● Off		The volume changes without limiting the volume level.
Beep (Sound of operation)	● On		The beep sounds when you operate the player.
	Off		The beep is turned off.
Audio Out (External audio output)	● Headphone		Select this when you connect the supplied headphones.
	Line Out		Select this when you connect other devices such as speakers with an audio cord (☞ page 32).
Contrast (Adjustment of the display)	● Second from the right		The display is moderately bright.
	– to +		Set toward – to make the display brighter and toward + to make it darker.

* When "V-SUR" or "Sound EQ" is selected, the settings appear in the display (☞ page 7). The options in parentheses are displayed on the player.

**AVLS is an abbreviation of the Automatic Volume Limiter System.

28

Items	Options (●: Default settings)		
Backlight (LCD backlight of the display)	● Auto		The display lights up for about 10 seconds when you press a button and keeps lighting up while you scroll the track titles, etc.
	10 seconds		The display lights up for about 10 seconds when you press a button. The light turns off in about 10 seconds even if you are scrolling the track titles, etc.
	30 seconds		The display lights up for about 30 seconds when you press a button. The light turns off in about 30 seconds even if you are scrolling the track titles, etc.
	Off		The display is turned off to save power.
Reverse Display (Turning over the display)	● Positive		Characters and icons appear in black and the background in white.
	Negative		Characters and icons appear in white and the background in black.
Language (Display language)	日本語		The messages and the menus are in Japanese.
	● English		The messages and the menus are in English.
	Français		The messages and the menus are in French.
	Deutsch		The messages and the menus are in German.
	Italiano		The messages and the menus are in Italian.
	Español		The messages and the menus are in Spanish.

## Customizing sound quality (Custom)

You can adjust the sound quality for each frequency range individually, checking the settings on the display.

1 **After selecting "Sound" in step 2 in "Changing Sound Quality and Settings" (☞ page 27), select "Custom 1" or "Custom 2" of "Sound EQ."**
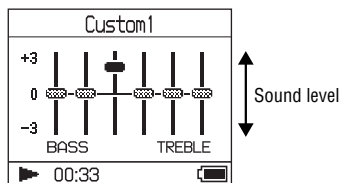
```
      Custom1
+3  | | | | | |
 0  ▬▬▬▬▬▬▬▬▬▬▬
-3  | | | | | |
   BASS      TREBLE
▶  00:04        ▭
```
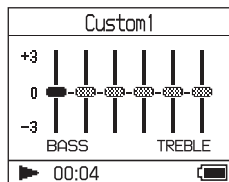
2 **Press ◄◄ or ►► to select the frequency range.**

There are six frequency ranges.

```
      Custom1
+3  | | | | | |
 0  ▬▬▬▬▬▬▬▬▬▬▬
-3  | | | | | |
   BASS      TREBLE
▶  00:24        ▭
```

◄──────────►
Frequency range
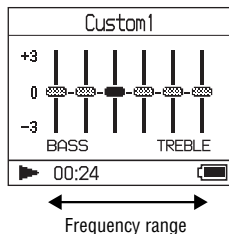
3 **Press ↑ or ↓ to select the sound level.**

The sound level can be adjusted in seven levels.

```
      Custom1
+3  | ▬ | | | |
 0  ▬▬▬ ▬▬▬▬▬▬     ↕ Sound level
-3  | | | | | |
   BASS      TREBLE
▶  00:33        ▭
```

4 **Repeat steps 2 and 3 to make adjustments for the remaining frequency ranges.**

5 **Press ►■.**

The MENU display appears.

To cancel set up

Press MENU to return to the MENU display. Press and hold MODE or press MENU in the MENU display to return to the display before step **1**.

To return to the display where you select a MODE

Press MODE.

Notes

• If the sound is distorted by your sound settings when you turn up the volume, turn the volume down.

• If you feel difference in sound volume between the "Custom 1" or "Custom 2" sound setting and other sound settings, adjust the volume to your preference.

30

Transferring Audio Data Back to Your Computer

Audio data can be transferred back to SonicStage "My Library" on your computer.

"Transfer"   "ATRAC HDD"

My Library list   List of tracks on the player

1 **Connect the player to your computer (see steps 1 and 2 in "Transferring audio data to the player," ☞ page 14).**

2 **Click "Transfer" on the right side of the SonicStage window.**

The screen is switched to the Transfer window.

3 **Select "ATRAC HDD" from the Transfer Destination list on the right side of the SonicStage window.**

4 **Click the tracks you want to transfer to My Library in the Network Walkman list on the right side of the SonicStage window.**

To transfer more than one track, hold down the "Ctrl" key while selecting the tracks. To transfer all tracks of the album, click the album.

5 **Click** **on the SonicStage window.**

Transfer of the tracks selected in step **4** starts.
You can check the transferring status on the SonicStage window.

To stop transferring
Click on the SonicStage window.

To remove the player from the USB cradle
Press RELEASE.

RELEASE
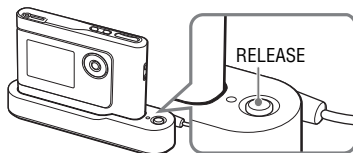
Notes

• Tracks transferred to the player from another computer cannot be transferred to My Library on your computer.
• Do not disconnect the USB cable or remove the player from the USB cradle while the data is transferred. The data being transferred may be destroyed.

Connecting Other Devices

You can listen to tracks through a stereo system and record tracks in the player onto a MiniDisc or a cassette tape. See the instruction manual that comes with the device you want to connect.
Be sure to turn off all devices before making the connections and changing the settings and explained below.

to ⌒ (headphones)/
LINE OUT jack

Connecting cord
(minijack, not supplied)

Left (white) —————— Right (red)
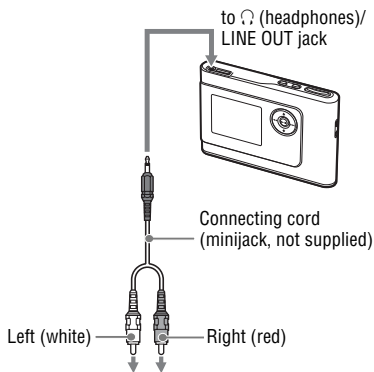
MiniDisc recorder, AV amplifier, active speaker, cassette recorder, etc.

You need to change the setting for "Audio Out" in the MENU display to output sound to the connected device. The settings of "Audio Out" are shown below. To make those settings, see ☞ page 27.

Connected device	Setting
Headphones	Headphone
Device connected using the connecting cord	Line Out

When you connect another device, set this to "Line Out." When the setting is "Line Out," volume cannot be adjusted, and the settings in "Sound" is not available and do not work.

Notes

• When the supplied headphone is connected to the player, you cannot set "Audio Out" to "Line Out."
• Before playback, turn down the volume of the connected device to avoid damaging the connected speaker.

Storing Data Other Than Audio Files

You can transfer data from the hard disk of a computer to the built-in hard disk of this player using Windows Explorer.
The built-in hard disk of the player is displayed in Windows Explorer as an external drive (as a removable storage).
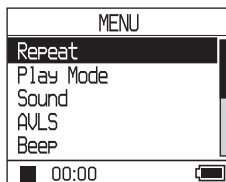
Notes

- Do not use SonicStage while operating the hard disk of the player using Windows Explorer.
- If WAV and MP3 files are transferred to the player using Explorer, they cannot be played. Transfer them in ATRAC3plus or ATRAC3 using SonicStage.
- Do not disconnect the USB cable while the data is transferred. The data being transferred may be destroyed.
- Do not initialize the hard disk of the player on the computer.

Resetting to the Factory Settings

Reset all the settings in the MENU display to the factory settings.

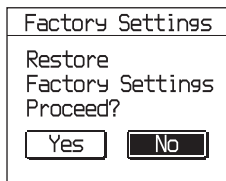**1 While the player is stopped, press MENU.**

The MENU display appears.

```
            MENU
 Repeat
 Play Mode
 Sound
 AVLS
 Beep
 ■  00:00              ▭
```

2 Press ↑ or ↓ to select "Format," and then press ►■.

The Format display appears.

```
           Format
 Factory Settings
 Initialize Hard Disk



 ■  00:00              ▭
```
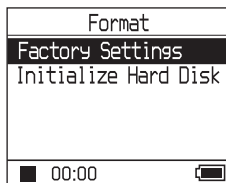
3 Press ►■ while selecting "Factory Settings."

The Factory Settings display appears.

```
 Factory Settings

 Restore
 Factory Settings
 Proceed?

    Yes         No
```

4 Press ◄◄ to select "Yes," and then press ►■.

The message appears, and then the Format display appears.

To cancel set up

In step **4**, select "No," and then press ►■.
The Format display appears.
Press MENU to return to the MENU display.
Press and hold MODE or press MENU in the MENU display to return to the display before step **1**.

To return to the display where you select a MODE

Press MODE.
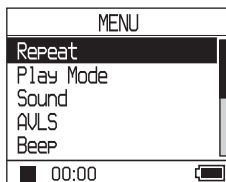
Note

You cannot reset to the factory settings during playback.

Initializing Hard Disk

You can initialize the built-in hard disk of the player. If the hard disk is initialized, all the audio data and the other data stored will be erased. Be sure to verify the data stored in the hard disk prior to initializing.
If tracks are erased by initializing, SonicStage recognizes them as tracks to be transferred back to the computer when the player is connected to your computer. Therefore, the remaining transferable count increases automatically.
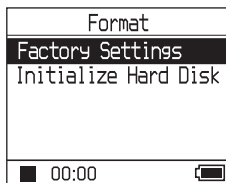
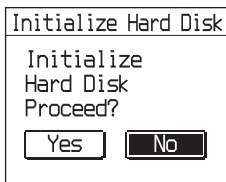**1** While the player is stopped, press MENU.

The MENU display appears.

```
        MENU
Repeat
Play Mode
Sound
AVLS
Beep
■  00:00         ▭
```

2 Press ↑ or ↓ to select "Format," and then press ►■.

The Format display appears.

```
       Format
Factory Settings
Initialize Hard Disk



■  00:00         ▭
```

3 **Press ↓ to select "Initialize Hard Disk," and then press ▶■.**

The Initialize Hard Disk display appears.

```
Initialize Hard Disk

 Initialize
 Hard Disk
 Proceed?

 [ Yes ]    [ No ]
```

4 **Press ⏮ to select "Yes," and then press ▶■.**

```
Initialize Hard Disk

 All Tracks Are
 Deleted When HDD
 Is Initialized

 [ Yes ]    [ No ]
```
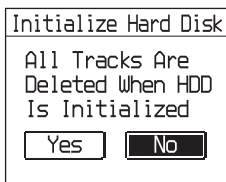
5 **Press ⏮ to select "Yes," and then press ▶■.**

The message appears, and then the Format display appears.

To cancel set up

In step **5**, select "No," and then press ▶■.
The Format display appears.
Press MENU to return to the MENU display.
Press and hold MODE or press MENU in the MENU display to return to the display before step **1**.

To return to the display where you select a MODE

Press MODE.

Notes

- Do not initialize the hard disk of the player on the computer.
- You cannot format the hard disk during playback.
- All the audio data and the files other than audio data are deleted if the player is initialized.

Other Functions

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Notes on Disposing of the Unit

This player has a built-in lithium-ion rechargeable battery. When you dispose of the player, be sure to dispose of it properly.

Certain countries may regulate disposal of the battery used to power this product. Please consult with your local authority.

Notes
- Never disassemble the player except when disposing it.
- Be careful of handling the inside metallic part, especially its edge.

To remove the built-in rechargeable battery

1 Slide the BUILT-IN BATTERY switch on the bottom of the player to OFF.
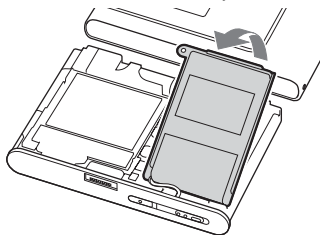
2 Remove the two screws on both sides.
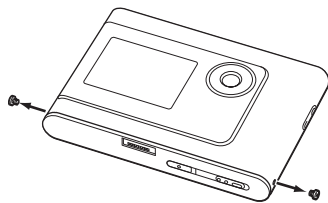
3 Push the ⌒ (headphones)/LINE OUT jack into the player with your finger and pull out the inside of the player in the direction of the arrow below.
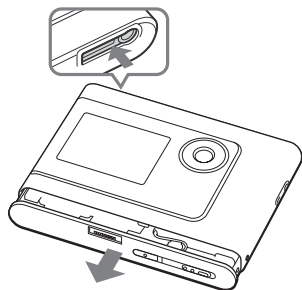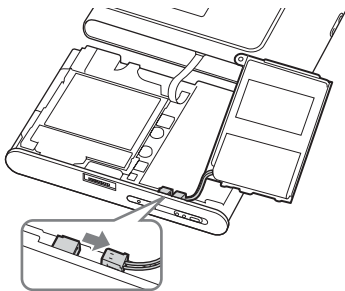

4 Remove the screw on the side of the battery and the adhesive tape on the battery.
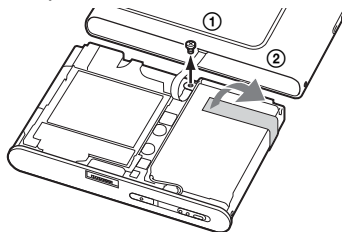
5 Remove the built-in battery.

6 Pull the connecting cord between the battery and the player to separate the connecter.

Troubleshooting

If you experience trouble with your player, try the following solutions.

1 Set the BUILT-IN BATTERY switch to OFF, and then set to ON again. The data is not lost when you set it to OFF.

2 Check the symptoms in "Troubleshooting."

3 If the problem persists, consult your nearest Sony dealer.

Power

Symptom	Case and/or corrective action
The CHG lamp does not light.	→ The terminals of the USB cradle are dirty. Wipe them with a soft, dry cloth.
	→ The player is not placed correctly on the USB cradle. Insert the player on the USB cradle securely until it clicks into place (☞ page 8).
The CHG lamp flashes.	→ The temperature is not appropriate. Charge the battery in an ambient temperature of between 5 to 35ºC (41 to 95ºF).
Battery life is short.	→ The operating temperature is below 5ºC (41ºF). This is due to the battery characteristics and not a malfunction.
	→ You have not used the player for a prolonged period. Efficiency of the battery will be improved by repeatedly charging and discharging.
	→ The battery needs to be replaced. Consult your nearest Sony dealer.
	→ Battery charging time is not enough. The player requires 15 minutes to check the battery condition to protect it before a quick recharge starts. Keep charging the battery until it is complete (until the CHG lamp goes out).

Additional Information

Sound

Symptom	Case and/or corrective action
There is no sound. Noise is heard.	→ The volume level is set to zero. Turn the volume up (☞ page 18). → The headphone plug is not connected properly. Connect it to ⌂ (headphones)/LINE OUT jack securely (☞ page 18). → The headphone plug is dirty. Clean the headphone plug with a soft dry cloth. → No audio data is stored in the hard disk.
The volume does not increase.	→ "AVLS" is set to "On." Set it to "Off" (☞ page 28).
There is no sound from the right channel of the headphones.	→ The headphone plug is not connected properly. Connect it to ⌂ (headphones)/LINE OUT jack securely (☞ page 18).
The volume cannot be adjusted.	→ "Audio Out" is set to "Line Out." Adjust the volume using the volume control on the connected device, or set "Audio Out" to "Headphone" (☞ page 28).
When using the player with a stereo system connected, the sound is distorted or noisy.	→ "Audio Out" is set to "Headphone." Set it to "Line Out" (☞ page 28).

Operation/Playback

Symptom	Case and/or corrective action
Buttons do not work.	→ The buttons are locked. Slide the HOLD switch back (☞ page 18). → Moisture condensation has occurred. Leave the player aside for a few hours until the moisture evaporates. → The remaining battery power is insufficient. Charge the battery (☞ page 8). → When the player is connected to your computer that is powered, if the player is placed on the USB cradle, button operations are disabled. Remove the player from the USB cradle (☞ page 9).
Playback has stopped suddenly.	→ The remaining battery power is insufficient. Charge the battery (☞ page 8).
The backlight is not turned on.	→ "Backlight" is set to "Off." Set it to "Auto," "10 seconds," or "30 seconds" (☞ page 29).
"□" is displayed for a title.	→ Characters that cannot be displayed on the player are involved. Use the SonicStage software to rename the title with appropriate characters.
The display turns off.	→ The display automatically turns off if there is no operation for about 30 seconds (when using the battery) or about 3 minutes (when using the AC power adaptor) in stop mode. When scrolling track titles, etc., the display turns off about 30 seconds or about 3 minutes after scrolling is finished. Also, the display turns off when pressing and holding MENU. For all the cases, press any button to turn on the display again.

Connection with the computer/SonicStage

Symptom	Case and/or corrective action
The SonicStage software cannot be installed.	→ An operating system not compatible with the software is used (☞ page 10). → All Windows applications are not closed. If you start the installation while other programs are running, a malfunction may occur. This is especially true for programs that require large amounts of system resources, such as virus-check software. → There is not enough space on the hard disk of your computer. You need 200 MB or more free space. Delete the unnecessary files on your computer.
The installation appears to have stopped before it has finished.	→ Check for the appearance of an error message beneath the installation window. Press the "Tab" key while holding down the "Alt" key. If an error message has appeared, press the "Enter" key. The installation will resume. If there is no message, the installation is still in progress. Wait for a little while longer.

Additional Information

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Symptom	Case and/or corrective action
The progress bar on the display of your computer is not moving. The access lamp of your computer has not lit for a few minutes.	→ The installation is progressing normally. Please wait. The installation may take 30 minutes or more, depending on your CD drive or system environment.
"PC Connect" is not displayed when connecting to the computer with the dedicated USB cable.	→ Please wait for the authentication of the SonicStage software. → Another application is running on the computer. Wait for a while and reconnect the USB cable. If the problem persists, disconnect the USB cable, restart the computer, and then reconnect the USB cable. → The dedicated USB cable is not connected properly. Disconnect the USB cable and then reconnect it. → A USB hub is used. Connecting via a USB hub is not guaranteed. Connect the dedicated USB cable directly to the computer.
The player is not recognized by the computer when it is connected to the computer.	→ The player is not placed correctly on the USB cradle. Inset the player on the USB cradle securely until it clicks into place (☞ page 15). → The dedicated USB cable is not connected properly. Disconnect the USB cable and then reconnect it. → A USB hub is used. Connecting via a USB hub is not guaranteed. Connect the dedicated USB cable directly to the computer. → The driver file for the player has not been installed. Reinstall the SonicStage software for the player using the supplied CD-ROM (☞ page 11) to install the driver together. → The installation of the SonicStage software had been failed. Disconnect the player and your computer, and then reinstall the software again using the supplied CD-ROM (☞ page 11).
Audio data cannot be transferred to the player from your computer.	→ The dedicated USB cable is not connected properly. Disconnect the USB cable and then reconnect it. → The track has already been transferred to the player three times. Transfer back the track to the computer to increase the transferable count (☞ page 31), and then transfer it to the player again. → The free space of the hard disk in the player is insufficient. Transfer back any unnecessary tracks to your computer to increase the free space (☞ page 31). → You have already transferred over 65,535 tracks or over 8,192 groups to the hard disk of the player. Or you have already transferred over 999 tracks for a group. → Tracks with a limited playing period or playing count may not be transferred due to restrictions set by copyright holders. For details on the settings of each audio file, contact the distributor.

Symptom	Case and/or corrective action
The number of tracks that can be transferred to the player is not much. (Available recording time is short.)	→ The free space in the hard disk of the player is not enough for the size of audio data you tried to transfer. Transfer back any unnecessary tracks to increase the free space (☞ page 31). → Data other than audio data is stored in the hard disk of the player. Move data other than audio data to the computer to increase the free space.
Audio data cannot be transferred back to your computer from the player.	→ A computer other than the one used for transfer to the player is selected as the transfer target. Audio data cannot be transferred back to a computer other than the one used for transfer to the player. → The audio data has been deleted from computer you used to transfer to the player. The audio data cannot be transferred back to your computer if the track is deleted from the computer used to transfer to the player.
Audio data is transferred back to your computer and remaining transferable count increases without operations occasionally when the player is connected to the computer.	→ If a track is deleted from the player using the SonicStage software installed on a computer other than the one used for transfer to the player, the track will be transferred back automatically when the player is connected to the computer that you used for transfer to the player. Therefore, the remaining transferable count increases automatically.
The operation of the player becomes unstable while it is connected to the computer.	→ A USB hub or USB extension cable is used. Connecting via a USB hub or USB extension is not guaranteed. Connect the dedicated USB cable directly to the computer.
"Failed to authenticate Device/ Media." is displayed on the computer screen when the player is connected to the computer.	→ The player is not connected to the computer properly. Quit the SonicStage software and verify the connection of the dedicated USB cable. Restart the SonicStage software.

Others

Symptom	Case and/or corrective action
There is no beep sound when the player is operated.	→ "Beep" is set to "Off." Set it to "On" (☞ page 28).
The player or the USB cradle gets warm.	→ The player and the USB cradle may get warm when the battery is being charged and just after charging because of quick charge. Besides, the player and the USB cradle may get warm when transferring a large number of tracks. Leave the player aside for a while.
The sound is heard from the inside of the player. The player shakes.	→ When the built-in hard disk of the player moves, the sound of operation may be heard, and the vibration of the player occurs. This is not a malfunction.

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Error Messages

Follow the instructions below if an error message appears in the display.

Message	Meaning	Corrective action
AVLS NO VOLUME OPERATION	The volume exceeds the maximum volume of AVLS.	→ Set "AVLS" to "Off" (☞ page 28).
BOOKMARK FULL	The number of bookmarks exceeds the limit.	→ Remove unnecessary bookmarks (☞ page 23).
CANNOT OPERATE STOP	"Format" in the MENU display is selected during playback.	→ Stop playback and select "Format" again.
CANNOT OPERATE WHEN STOPPED	You are trying to add a bookmark while the player is stopped.	→ Add a bookmark during playback (☞ page 23).
CANNOT PLAY CONNECT TO PC	The clock in the player is not working.	→ Connect to the computer (☞ page 14).
CANNOT PLAY TRACK ERROR	Audio data is broken.	→ Transfer audio data to the player again (☞ page 14).
CANNOT PLAY TRACK ON THIS DEVICE	• The track is not permitted to be played back on the player. • The tracks with a limited playing count are playing.	→ You cannot play back tracks that are not permitted to be played back on the player.
CANNOT PLAY UNAVAILABLE FOR PLAYBACK	You are trying to play a track before or after its limited playing period.	→ Tracks with a limited playing time can only be played back within the designated playing period.
CHARGE 5°C – 35°C 41F – 95F	You are charging the player in an ambient temperature out of the 5 to 35°C (41 to 95ºF) range.	→ Charge in an ambient temperature of between 5 to 35°C (41 to 95ºF).
CONNECT AC POWER ADAPTER	• The player is connected to the computer but the AC power adaptor is not connected to the DC IN jack of the USB cradle. • The AC power adaptor is disconnected from the USB cradle while the player is connected to the computer.	→ Connect the AC power adaptor to the USB cradle (☞ page 14).
HARD DISC WRITABLE 5°C – 35°C	You are transferring the audio data to the player in an ambient temperature out of the 5 to 35°C (41 to 95ºF) range.	→ Operate in an ambient temperature of between 5 to 35°C (41 to 95ºF).

Message	Meaning	Corrective action
HDD NOT INITIALIZED CORRECTLY	• The hard disk of the player is not correctly initialized. • The hard disk of the player was initialized on the computer. • The hard disk of the player has not been initialized because it was changed.	→ Initialize the hard disk of the player again (☞ page 34).
HOLD	The HOLD switch is set to ON.	→ Unlock the controls by sliding the HOLD switch in the direction opposite to that of the arrow (☞ page 18).
LINE OUT NO OPERATION	When "Audio Out" is set to "Line Out," you are trying to change the volume or the setting of "Sound."	→ Set "Audio Out" to "Headphone" (☞ page 28).
LOW BATTERY	There is no remaining battery power.	→ Charge the battery (☞ page 8).
MAX NO OF GROUPS EXCEEDED	The number of groups (albums, artists, etc.) exceeds the limit (8,192).	→ The total number of items in the list display (except track list) exceeds 8,192. Check the MODE and transfer any unnecessary tracks back to your computer (☞ page 31).
MISMATCH IN SYSTEM FILES	There is mismatch in the system files.	→ Initialize the hard disk of the player (☞ page 34) and transfer audio data to the player again (☞ page 14).
NO DATABASE FOUND	When disconnecting from the computer, there are no tracks transferred to the player, or there is lack of MODE information.	→ Transfer audio data to the player (☞ page 14).
NO TRACK	There are no tracks in the track list.	→ Go to a track list with tracks. → Transfer audio data to the player (☞ page 14).
SYSTEM ERROR <No. ***> (Number appears in parenthesis.)	There is a system error.	→ Write down the number and consult your nearest Sony dealer.

Specifications

Maximum recordable number of track (Approx.)*

ATRAC3	ATRAC3plus
5,000 (132 kbps)	2,500 (256 kbps)
6,000 (105 kbps)	10,000 (64 kbps)
10,000 (66 kbps)	13,000 (48 kbps)

* When transferring four-minute tracks

Sampling frequency

44.1 kHz

Audio compression technology

Adaptive Transform Acoustic Coding3 (ATRAC3),
  Adaptive Transform Acoustic Coding3plus
  (ATRAC3plus)

Frequency response

20 to 20,000 Hz
  (single signal measurement during playback)

Output

⌂ (headphones)/LINE OUT* :
  Stereo minijack/194 mV
* The jack is used for both headphones and LINE
  OUT.

Operating temperature

5 to 35ºC (41 to 95ºF)

Power source

DC IN 6 V (from built-in rechargeable battery)

Battery life (continuous playback)

ATRAC3plus format (48 kbps): Approx. 30 hours

Dimension

Not including projecting parts:
  89.0 × 62.1 × 13.8 (the thinnest part 12.6) mm
  (3 5/8 × 2 1/2 × 9/16 (the thinnest part 1/2)
  inches) (w/h/d)
Including projecting parts:
  89.2 × 63.4 × 14.3 mm
  (3 5/8 × 2 1/2 × 19/32 inches) (w/h/d)

Mass

Approx. 110 g (3.9 oz)

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Laboratories.

Design and specifications are subject to change
without notice.

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Additional Information

http://www.sony.net/