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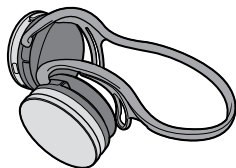
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# Portable Solid Memory Player

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Operating Instructions



**UZ-PS128**

©2004 Sony Corporation

## WARNING

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

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

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

## For the customers in the United States

### Owner's Record

The model number is located on the inner rim of the left ear side of the headphones, and the serial number is located on the inner rim of the right ear side of the headphones. Record the serial number in the space provided below. Refer to them whenever you call your Aiwa dealer regarding this product.

Model No UZ-PS128

Serial No \_\_\_\_\_

### NOTE

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 using 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

### CAUTION

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

The shielded interface cable recommended in this manual must be used with this equipment in order to comply with the limits for a digital device pursuant to Subpart B of Part 15 of FCC Rules.

If you have any questions about this product, you may call:

Aiwa Customer Information Service Center  
1-800-289-2492 or

<http://www.us.aiwa.com/>

### Declaration of Conformity

Trade Name: AIWA

Model No : UZ-PS128

Responsible Party: Sony Electronics Inc

Address: 16450 W Bernardo Dr, San Diego, CA  
92127 U S A

Telephone No : 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.

**Before using this player, install the application software on your computer using the supplied CD-ROM, and send some music data to the player.**

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## What you can do with your player

Your UZ-PS128 is a portable player with built-in solid memory. You can play back MP3 files transferred to the player from your personal computer using the supplied software and the dedicated USB cable.

You can also record and listen to the sound from another audio device connected to the player with the supplied analog connection cord.

Once you have stored your favorite songs in the player, take it with you and enjoy music wherever you go!

### 1 Record music to your player.

**There are two ways to store audio data into your player's built-in memory:**

- **Transfer audio data (MP3 files) from your computer, using the supplied software "Music Transfer Solid Memory Edition."**

See the separate manual for the software for details.



- **Record from another audio device.**

See page 12 for details.

### 2 Enjoy music anywhere with your player!



## Main features

- Headphone-style solid memory player
  - Highly portable with the player built into the headphones
  - Skip-proof using flash memory
- Approximately 10 hours of continuous playback with a single LR03 (size AAA) alkaline battery
- Up to 120 minutes\* of music can be stored in the built-in memory.
- MP3 files on your computer are transferred to the player by simple and easy operations using the supplied software and the dedicated USB cable.
- You can connect another audio device to the player and record the sound from the connected device in MP3 format while listening to the sound.

\* The time length varies according to the bit rate used when encoding MP3 files. The time indicated here is for 128-kbps MP3 files.

### Notes

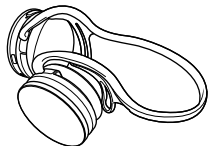
- Music you record is limited to private use only. Any other use requires the permission of the copyright holders.
- Sony is not liable for failure in recording and damage to or erasure of recorded contents caused by incomplete data transfer or data destruction due to problems with this product or your computer.
- Always make a trial recording before performing important recording.

# Getting started

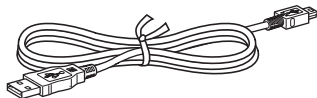
## Step 1: Check the package contents.

Check the accessories enclosed in the package.

- Portable solid memory player (1)



- Dedicated USB cable (1)



- Analog connection cord (1)



- CD-ROM\* (“Music Transfer Solid Memory Edition”) (1)



- Operating instructions for the application software “Music Transfer Solid Memory Edition” (1)
- Operating instructions for the Portable Solid Memory Player (this manual) (1)
- Quick start guide (1)

### About the serial number

The serial number provided for your player is printed on the inner rim of the right ear side of the headphones.

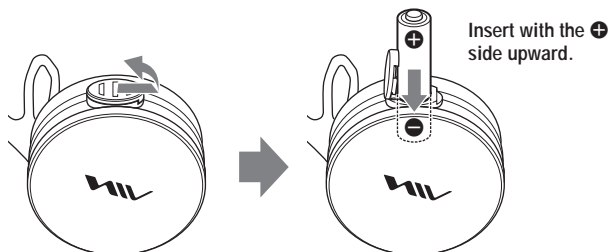
\* Do not play the CD-ROM on an audio CD player

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## Step 2: Insert a battery.

The battery compartment is provided on the left ear side.

Insert one LR03 (size AAA) alkaline battery into the battery compartment as illustrated below.



### Battery duration

Approximately 10 hours (continuous playback, with a Sony LR03 (size AAA) alkaline battery)

### When to replace the battery

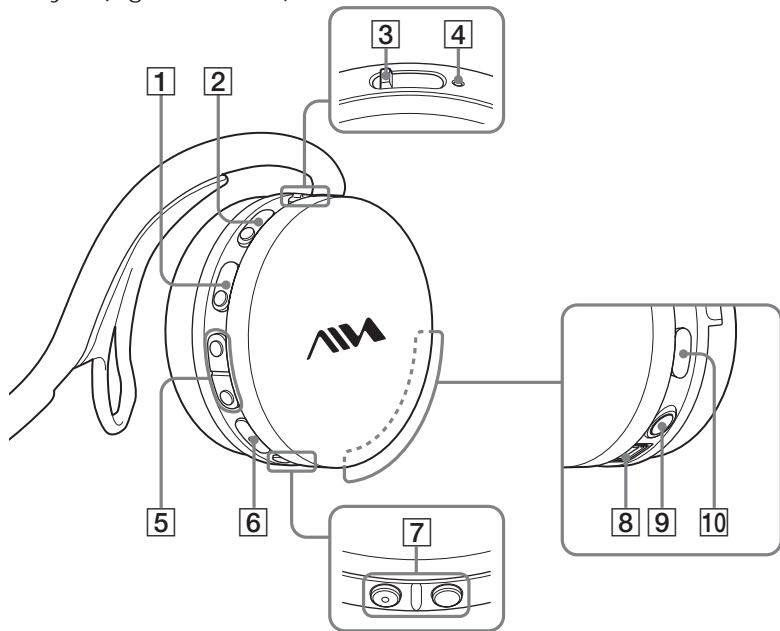
When the battery power becomes low, playback stops, the OPE indicator flashes red for about 10 seconds, and then the power is turned off automatically. Replace the battery with a new one.

### Notes on dry batteries

- Do not throw batteries into fire.
- Do not carry batteries with coins or other metallic objects. It can generate heat if the positive and negative terminals of the battery are accidentally contacted by a metallic object.
- When the player is not to be used for a long time, remove the battery.
- If battery leakage occurs, wipe off any deposit in the battery compartment, and insert a new battery. In case the deposit adheres to you, wash it off thoroughly.

# Locating controls

Player (right ear side)



**1** ⇄ (repeat)/AUTO TRACK switch

**2** M.D.S.E switch

**3** POWER switch

**4** OPE indicator

**5** ⏮/⏭ (skip/search) buttons

**6** PLAY/STOP\* button

**7** VOL +/- buttons

**8** USB connector

**9** INPUT (analog audio input) jack

**10** REC/ERASE button

\* The button has a tactile dot



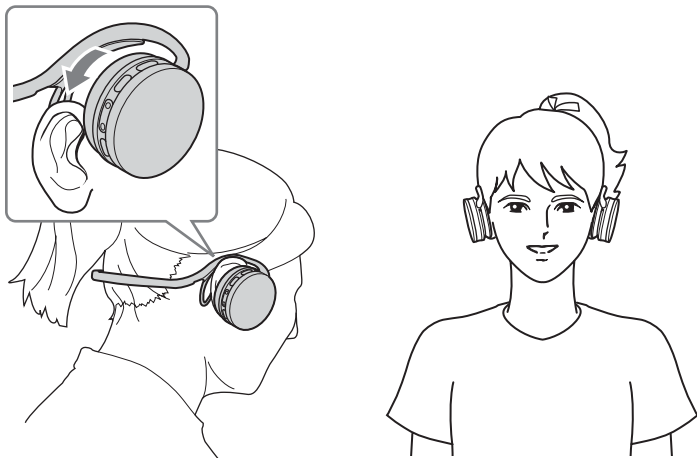
## Listening to music stored in your player

First, insert a battery into your player (page 7) and record some audio data to the player's built-in memory.

### Note

Disconnect the player from your computer before listening to music

### 1. Put the player on your ears.

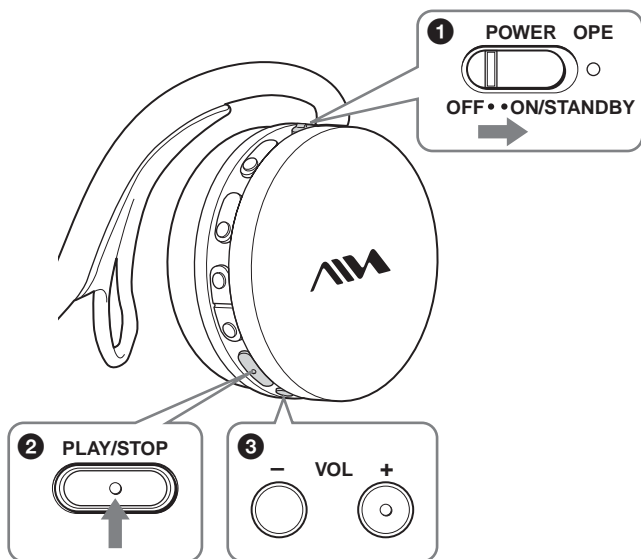


### Note

Remove earrings before wearing the player to avoid injury

(Continued)

## 2. Start playback.



**1** Set the **POWER** switch to **ON/STANDBY**.

**2** Press and hold **PLAY/STOP** for more than one second.

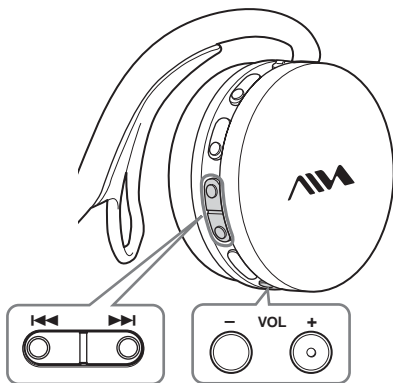
A short beep is heard in the headphones and playback starts. The OPE indicator slowly flashes in green.

**3** Press **VOL +/-** to adjust the volume.

Playback stops after the last track has been played.

### About the Auto Power Off function

If there are no operations for more than 180 seconds after recording or playback has been stopped, the power will turn off automatically. When you do not use the player, however, always set the **POWER** switch to **OFF** to prevent the buttons from being accidentally operated.



To	Do this
Go to the beginning of the next track	Press ►► once.* <sup>1</sup>
Go to the beginning of the current track	Press ◀◀ once.
Go to the beginning of previous tracks	Press ◀◀ repeatedly. Press and hold ◀◀ to quickly locate the track you want.* <sup>2</sup>
Go to the beginning of succeeding tracks	Press ►► repeatedly.* <sup>1</sup> Press and hold ►► to quickly locate the track you want.* <sup>2</sup>
Adjust the volume* <sup>3</sup>	Press VOL +/-. Press and hold VOL +/- to quickly turn up or down the volume.
Stop playback	Press PLAY/STOP.
Turn off the power	Set the POWER switch to OFF.

\*<sup>1</sup> A short beep sounds for each track. When you press ►► during the last track or ◀◀ during the first track, a long beep sounds.

\*<sup>2</sup> While holding down the button, a short beep sounds for each track. When the first track is reached, a series of three short beeps sound and playback starts from the beginning of the first track.

\*<sup>3</sup> If you turn off the power with the volume set higher than a certain level, the volume will be lowered automatically next time you turn on the power, to prevent damage to your hearing.

### Tip

Playback starts from the position where it was last stopped.

To start playback from the first track, press and hold ◀◀ or ►► to return to the first track.

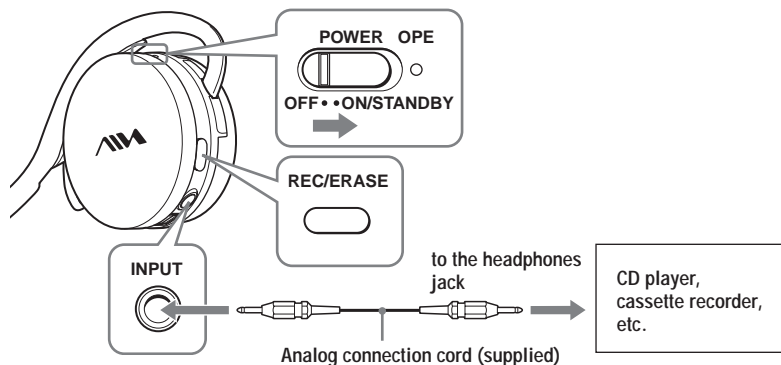
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## Recording from another audio device

You can connect your player to another audio device, such as a CD player, and record audio from that device. The audio is converted into MP3 files and stored in the player's internal memory.

### Note

The volume and sound quality of the audio from the connected external audio device will affect the recording. Be sure to adjust the volume and turn off sound effects on the external audio device before recording. You can check the playback volume of the external audio device by connecting the player as ordinary stereo headphones with its power turned off (see "Using the player as stereo headphones" on page 15).



---

### 1 Connect another audio device.

Connect the supplied analog connection cord to the **INPUT** (analog audio input) jack of the player and to the headphones jack of the other audio device.

---

### 2 Set the **POWER** switch to **ON/STANDBY** to turn on the player.

---

### 3 Press and hold **REC/ERASE** for more than one second on the player.

A short beep sounds in the headphones and the **OPE** indicator lights up in red.

---

### 4 Start playback on the connected external audio device.

Recording starts.

While recording, you can listen to the audio of the MP3 files the player has created at a sampling frequency of 44.1 kHz and bit rate of 128 kbps.

---

## To stop recording

Press **REC/ERASE**.

### Note

If there are no operations for more than 180 seconds in stop mode, the power will turn off automatically.

## About recorded tracks

- Whenever you stop recording, the audio recorded up to that point will be stored as a track.
- A new track is recorded after the end of the last track already stored.
- During recording if the player's memory becomes full, the OPE indicator flashes in red and the existing tracks will be erased starting with the first track.

## To separate tracks automatically (Auto Track)

Set the /AUTO TRACK switch to ON before pressing REC/ERASE in step 3.

Recording from the external audio device will automatically be paused when 4 seconds of silence are detected, and all audio recorded to that point will be stored as a track.

If an incoming signal is detected again within 20 seconds after entering the recording pause mode, recording will start for another new track.

If 20 seconds have passed without any audio signal detected, recording stops automatically, and it will not start thereafter even if there is audio input again. To resume recording, press REC/ERASE.

### Notes

- Track separation may not be done correctly depending on the condition of the external audio device and the song to be recorded
- Depending on the connected audio device, the sound may become louder when recording. In this case, adjust the volume on the connected audio device

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## Erasing tracks one by one

You can erase tracks while playing, one track at a time.

---

### 1 Play the track you want to erase.

---

### 2 Press and hold REC/ERASE.

Two short beeps sound in the headphones, and the first 5 seconds of the track are repeated three times while the OPE indicator is flashing in red.

Make sure this is the track you want to erase.

#### If you decide not to erase the track

Press PLAY/STOP.

Playback starts normally from the beginning of the track without erasing the track.

The track will not be erased either if no buttons are pressed while the first 5 seconds of the track are repeated.

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### 3 Press REC/ERASE.

The OPE indicator flashes quickly in red.

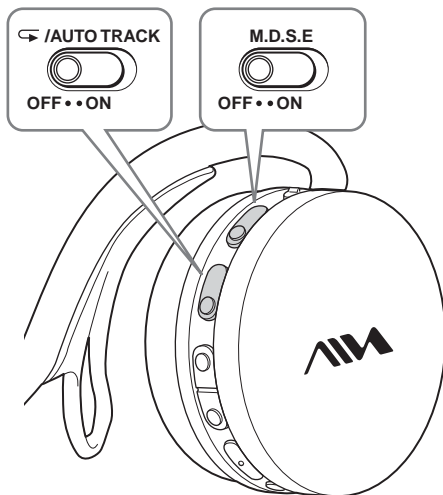
When a long beep is heard, the track is erased, the OPE indicator starts flashing in green, and playback starts normally from the next track.

---

### Note

It takes about 10 seconds to erase a track

## ► Advanced operations



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### Changing the sound quality (M.D.S.E)

The M.D.S.E (MP3 Digital Sound Enhancer) allows you to enjoy clear digital sound and a resonant bass.

---

**Set the M.D.S.E switch to ON.**

---

#### Notes

- If the sound is distorted when using the M D S E function, turn down the volume
- The M D S E function does not work on MP3 files encoded with a bit rate of 320 kbps to ensure their high-quality sound

#### To return to the normal sound

Set the M.D.S.E switch to OFF.

---

### Playing a track repeatedly (Repeat Play)

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**Set the ↶/AUTO TRACK switch to ON.**

After the track has been played 10 times repeatedly, playback stops.

---

#### To return to normal play mode

Set the ↶/AUTO TRACK switch to OFF.

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# Using the player as stereo headphones

You can use the player as a pair of ordinary stereo headphones using the supplied analog connection cord.

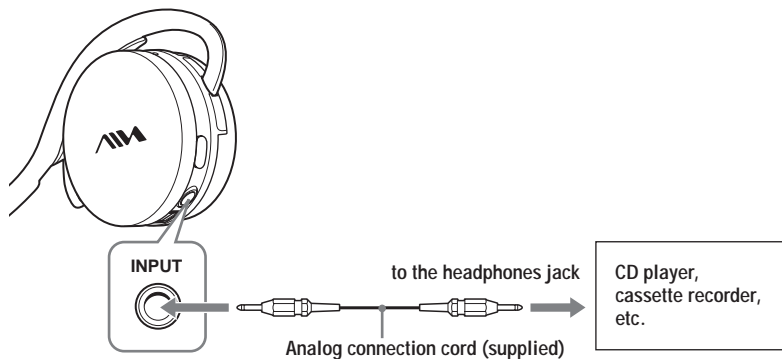
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## 1 Set the POWER switch to OFF.

---

## 2 Connect the player to another audio device.

Connect the supplied analog connection cord to the INPUT jack of the player and to the headphones jack of the other audio device.



---

## 3 Start playback on the other audio device.

Adjust the volume on the connected audio device.

---

### Notes

- If you set the POWER switch to ON/STANDBY, the sound from the connected audio device will not be heard on the player
- You cannot adjust the volume or change the sound quality on this player while using it as the ordinary headphones

---

## Precautions

### General

- Never use the player where it will be subjected to extremes of light, temperature, moisture or vibration.
- Remove earrings when using this player to avoid injury.

### Road Safety

Do not use this player 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 your player 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 this player 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.

### Consideration 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 your player, take off the player from your ears immediately.

Sony is not liable for any lost or damaged data or program modifications as a result of our repairs.

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## Cleaning

Clean the player casing with a soft cloth slightly moistened with water or a mild detergent solution.

### Note

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

If you have any questions or problems concerning your player, please consult your nearest Aiwa dealer.



# Troubleshooting

If you experience any of the following difficulties while using your player, use this troubleshooting guide to help you remedy the problem. Should any problem persist, consult your nearest Aiwa dealer.

For trouble concerning operations while connected to your computer, also refer to "Troubleshooting" in the separate manual for the software.

## Operation

Symptom	Cause/Remedy
There is no sound.	<ul style="list-style-type: none"><li>→ The volume level is set to zero. Turn up the volume (page 11).</li><li>→ The power is not turned on. Set the POWER switch to ON/STANDBY, and then press and hold PLAY/STOP for more than one second.</li></ul>
The buttons do not work.	<ul style="list-style-type: none"><li>→ There is condensation inside the player. Let the player sit for a few hours.</li><li>→ The battery is exhausted. Replace the battery with a new one (page 7).</li><li>→ The player is not functioning normally. Remove and reinstall the battery to reset the player.</li></ul>
The volume is not loud enough.	<ul style="list-style-type: none"><li>→ The volume when recording from another audio device was not loud enough. Increase the volume on the connected audio device and record again.</li></ul>
The sound is distorted.	<ul style="list-style-type: none"><li>→ The bit rate used when encoding the MP3 files was low. Transfer MP3 files encoded with higher bit rates to the player.</li><li>→ The volume setting on the connected external audio device is too loud. If the sound is distorted during recording, adjust the volume on the connected external audio device, or turn off sound effects.</li></ul>
Playback stops suddenly.	<ul style="list-style-type: none"><li>→ The battery is exhausted. Replace the battery with a new one (page 7).</li></ul>
There is noise in the playback sound.	<ul style="list-style-type: none"><li>→ The external audio device used for recording was not connected properly or the plugs were dirty.</li><li>→ The audio output from the external audio device contained noise.</li><li>→ Noise may have been introduced when creating MP3 files on your computer due to the conditions of the computer.</li></ul>

## Battery

Symptom	Cause/Remedy
Battery life is short.	<ul style="list-style-type: none"><li>→ The operating temperature is below 0 C (32 F). Battery life becomes shorter in cold temperatures due to battery characteristics. This is not a malfunction.</li></ul>

## Other

Symptom	Cause/Remedy
The player gets warm.	<ul style="list-style-type: none"><li>→ The player gets warm if it is used for an extended period of time. This is not a malfunction.</li></ul>

---

# Specifications

## Supported audio file format

MP3 Bit rate: 8 - 320 kbps

Sampling frequencies: 24/22.05/16/32/  
44.1/48 kHz

MP3 files encoded with a combination of sampling frequency of 22.05 kHz and bit rate of 160 kbps are not playable on this player.

## Frequency response

20 - 20,000 Hz (single signal measurement)

## Input

INPUT: Stereo mini-jack

USB connector

## Signal-to-noise ratio (S/N)

70 dB or more (at 128 kbps)

## Operating temperature

5 C - 35 C (41 F - 95 F)

## Power output

7 mW + 7 mW

## Power source

One LR03 (size AAA) alkaline battery:

1.5 V DC × 1

## Battery life

Approx. 10 hours with a Sony LR03 (size AAA) alkaline battery

## Mass

Approx. 100 g (3.5 oz) (including battery)

## Accessories

See page 6.

Design and specifications are subject to change without notice.

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