

# 降噪耳机

## Noise Canceling Headphones

使用说明书
Operating Instructions

## 降噪耳机

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**MDR-NC500D**

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Sony Corporation Printed in Malaysia

### 简体中文

操作本机之前，请仔细阅读本手册并妥善保管以备将来参考。

### 警告

为了减少火灾或触电的危险，请勿使本设备淋雨或受潮。

为了避免触电，请勿打开机壳。维修工作只能交给有资格的人员进行。

为了减少火灾或触电的危险，切勿使本设备受到液体滴溅，并且切勿将花瓶等装有液体的物品放置在设备上。

切勿将设备安装在书橱或内置式壁橱等封闭空间内。

将交流电源适配器连接至便于插拔的交流电源插座。一旦发现有交流电源适配器有异常情况，请立即断开与交流电源插座的连接。

切勿将电池（电池组或已安装电池）长时间暴露在阳光照射、火或类似过热的环境下。

锂电池用户不可自行更换，如电池损坏需要更换，请联系专业人员。

本机不应遭受水滴或水溅，且不应该在本机上放置诸如花瓶一类的装盛液体的物品。

## 特点

- 数字降噪耳机配备独有的 **DNC** 软件引擎。高精度降噪信号可提供卓越的降噪性能。
- AI**（人工智能）**降噪功能**。通过对环境噪音进行智能分析自动选择最佳降噪模式。
- 数字均衡器产生理想的频率响应和高品质音乐重现效果。
- 通过数字信号处理获得高信噪比。
- 轻巧设计使佩戴非常舒适。广泛使用镁和 A7075 铝合金等轻质材料。
- 耳塞采用减压聚氨酯软垫。即使在长时间使用后，此耳塞结构仍会让你感觉到舒适轻松，不会有紧压感。

一般充电和使用时间	
充电时间	使用时间*1
约 3 小时*2	约 15 小时*3

\*1 以 1 kHz、0.1 mW + 0.1 mW 输出时

\*2 给空电池充满电所需的小时数

\*3 视环境温度或使用情况而定，上述时间可能会有所不同。

#### 当充电电池电量低时

当充电电池电量低时，本机会发出 8 秒钟短提示音，并且 POWER 指示灯缓慢闪烁。当电池电量进一步降低时，本机会发出 2 秒钟长提示音，POWER 指示灯快速闪烁，并且所有操作都会停止。在此情况下，将 POWER 开关拨至“OFF”处。

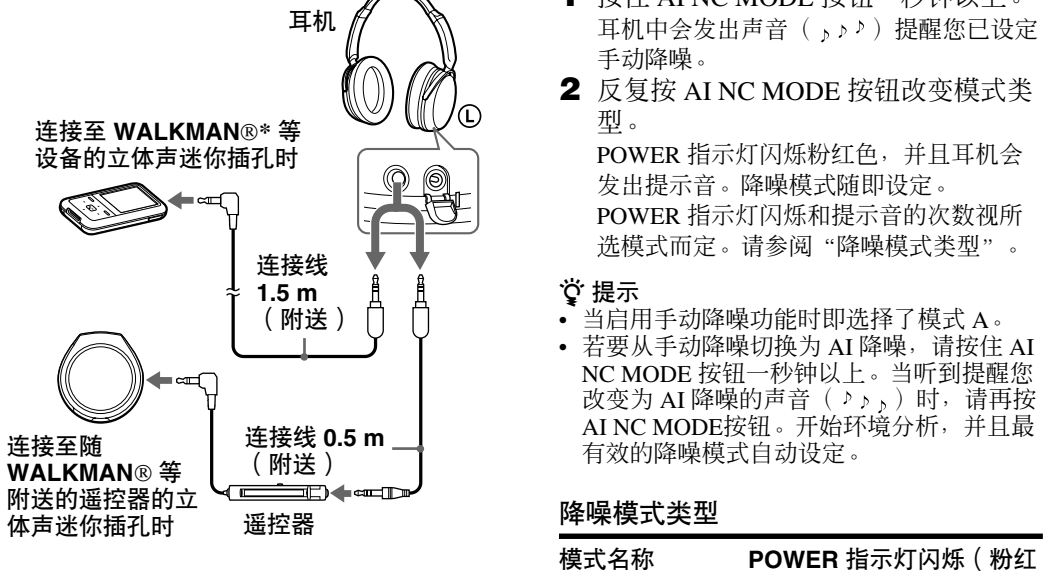
- 提示**当电池用尽时，您可按以下方式对耳机供电：
  - 按“给耳机充电”中所示步骤将耳机连接至交流电源适配器。您可在充电时使用耳机。
  - 使用附送的带有电池盒的连接线。详情请参阅“如何使用带有电池盒的连接线”。

#### 在国外使用交流电源适配器

通过连接插头适配器，可在任何采用 100 V 至 240 V，50/60 Hz 交流电源的国家或地区使用交流电源适配器。如果您去的国家采用不同形状的插座，请使用正确的插头适配器。有关旅行所需的插头适配器的形状，请咨询最近的旅行社。

### 聆听音乐

- 将耳机连接至 AV 设备。

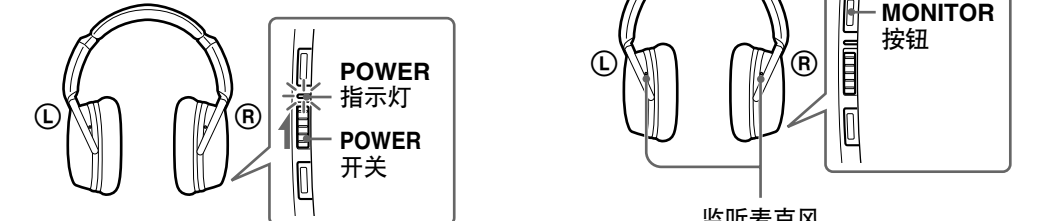


- \*“WALKMAN”和“WALKMAN”标志是 Sony Corporation 的注册商标。

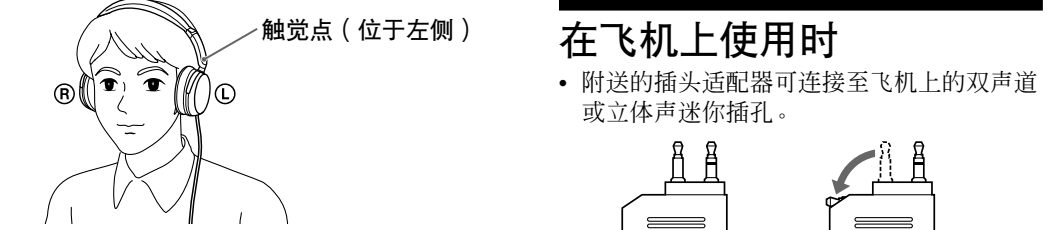
- 注意**，当连接导线时，将插头插入插孔，直至插头的绿色部分消失。

- 若要断开导线连接，请抓住插头拔，而不是导线，否则内部导体可能会断裂。

- 打开耳机右侧的电源。POWER 指示灯亮起蓝色，并且本机发出短提示音。



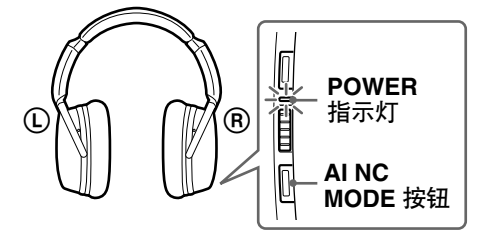
- 戴上耳机。确认导线在左侧且 POWER 开关在右侧后，戴上耳机。调整耳塞以便盖住耳朵。



- 开始播放连接了耳机的 AV 设备。**注意**没有电源时无法进行播放。

### 使用 AI 降噪功能

- 按 AI NC MODE 按钮。当按 AI NC MODE 按钮且 POWER 开关设定为“ON”时，耳机中会发出声音提醒您本机已开始分析环境声音成份（约 3 秒钟）。在分析过程中，本机的声音重现会停止，且 POWER 指示灯亮起粉红色。当分析完成时，会自动设定最有效的降噪模式，耳机开始声音重现。



#### AI 降噪

AI 降噪是一项非常有用的功能，可自动选择一种降噪模式。当按 AI NC MODE 按钮时，通过立刻分析环境声音成份，此功能会提供最有效的降噪模式。

- 提示**
  - 当耳机电源接通时，即设定模式 A。（有关模式 A 的详情，请参阅“降噪模式类型”。）
  - 如果环境噪音已改变（例如，从室内移至室外时），请重新按 AI NC MODE 按钮重设降噪模式。

**手动设定降噪模式**（手动降噪）。

- 按住 AI NC MODE 按钮一秒钟以上。耳机中会发出声音（♪♪♪）提醒您已设定手动降噪。
  - 反复按 AI NC MODE 按钮改变模式类型。POWER 指示灯闪烁粉红色，并且耳机会发出提示音。降噪模式随即设定。POWER 指示灯闪烁和提示音的次数视所选模式而定。请参阅“降噪模式类型”。
- 提示**
    - 当启用手动降噪功能时即选择了模式 A。
    - 若要手动降噪切换为 AI 降噪，请按住 AI NC MODE 按钮一秒钟以上。当听到提醒您改变为 AI 降噪的声音（♪♪♪）时，请再按 AI NC MODE按钮。开始环境分析，并且最有效的降噪模式自动设定。

降噪模式类型	POWER 指示灯闪烁（粉红色）和提示音的次数
A	1
B	2
C	3

A: 主要能有效减少飞机上的噪音。
B: 主要能有效减少汽车或火车上的噪音。
C: 主要能有效减少办公室环境中（PC、复印机、空气通风）的噪音。

### 聆听环境声音以保证安全

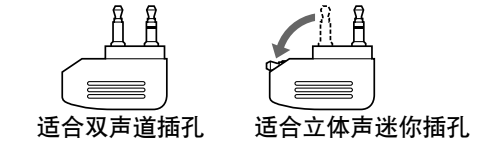
当 POWER 开关设定为 ON 时，若按住 MONITOR 按钮，则播放会静音，然后您便可听到环境声音。



- 注意**如果手指挡住麦克风，则可能无法听到环境声音。

### 在飞机上使用

- 附送的插头适配器可连接至飞机上的双声道或立体声迷你插孔。

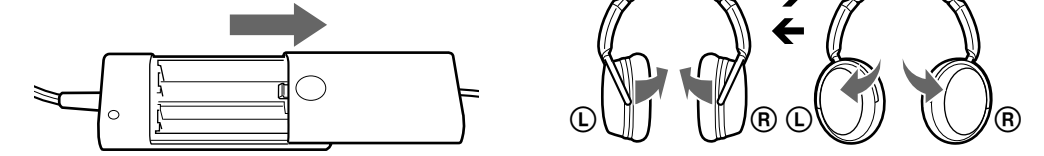


- 当禁止使用电子设备，或是禁止通过个人耳机使用飞机上的音乐服务时，切勿使用耳机。

### 如何使用带有电池盒的连接线

通过连接附送的带有电池盒的连接线，即使耳机内的充电电池电量耗尽，仍然可以继续使用本机。通过装入两节 AA 尺寸的碱性电池，使用带有电池盒的连接线。

- 打开电池盒盖。



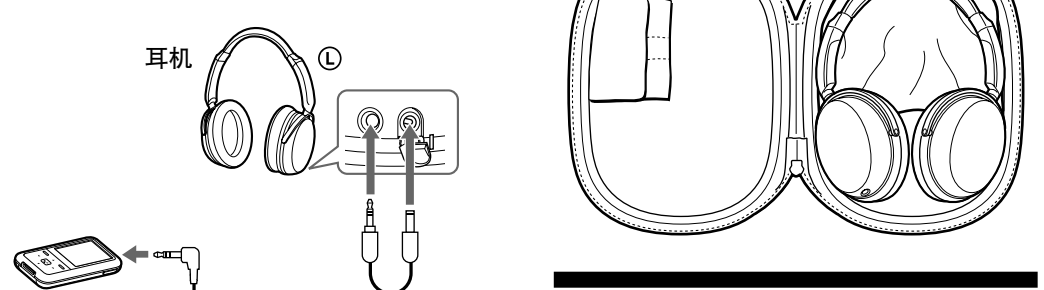
- 装入两节 AA 尺寸的碱性电池。确认方向正确，对准电池盒内与电池上的**+**标志。



- 合上盖子。



- 将附送的带有电池盒的连接线连接至耳机和 AV 设备。



**注意**

- 当连接导线时，将插头完全插入插孔，直到看不见金属部分上的绿色标记。
- 当断开导线连接时，请抓住插头拔。如果强行拉扯导线，电线可能会断裂。

- 将耳机的 POWER 开关设定为“OFF”，然后将电池盒的 POWER 开关设定为“ON”。电池盒上的 POWER 指示灯亮起绿色。



有关后续设定步骤，请参阅“聆听音乐”的步骤 2 至 4。使用后，将耳机和电池盒的 POWER 开关都设定为“OFF”。

- 提示**
  - 除非电池电量耗尽，否则会先消耗充电电池的电量。
  - 如果在充电电池电量过低前即连接并打开带有电池盒的连接线的电源，即使在耳机内的电池电量耗尽后，仍然可以使用耳机，而不会受到中断。

- 注意**
  - 不建议使用锰电池，因为这类电池的使用时间很短。
  - 电池盒对耳机的供电仅限操作目的。不会对耳机内部的充电电池进行充电。
  - 当电池寿命即将耗尽时，电池盒的 POWER 指示灯会变暗。此时请更换为新电池。
  - 附送的带有电池盒的连接线仅供耳机使用。请勿连接至其他设备。

电池使用寿命	
电池类型	近似小时数*1
Sony 碱性 LR6（AA 尺寸）电池	10 小时 *2

\*1 以 1 kHz、0.1 mW + 0.1 mW 时输出
\*2 视环境温度或使用情况而定，上述时间可能会有所不同。

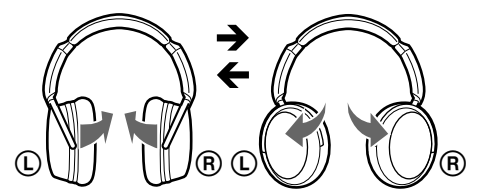
### 使用后

关闭耳机的电源。

### 平放

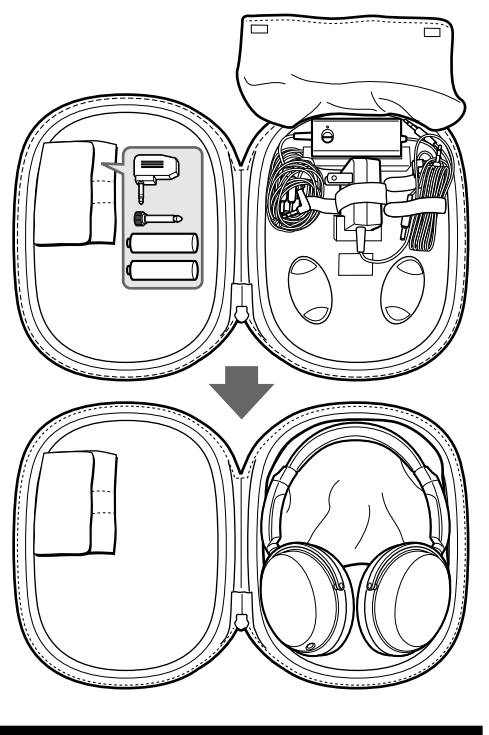
将耳机旋转到平放状态，以便于存放在便携盒（附送）或座椅袋内。

使用前将耳机转回到通常位置。



#### 将耳机放入便携盒中

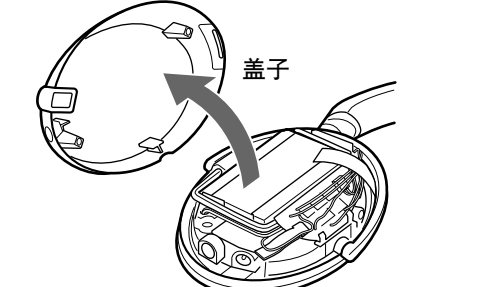
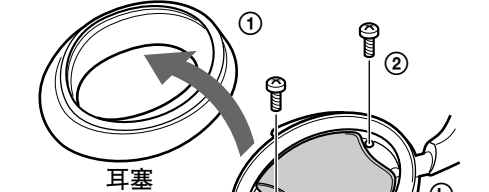
在将耳机放入便携盒前，将外壳旋转到平放状态。



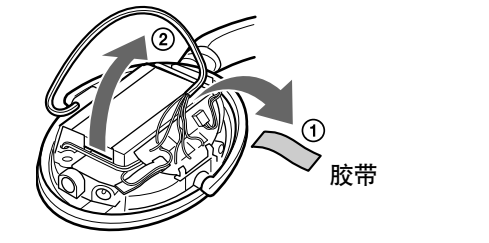
### 废弃本机

本机内含可充电的锂离子电池。为了环保，请务必在废弃本机前将内置充电电池取出，并以适当的方式进行废弃。

- 取下左壳上的耳塞，并拧下插图中所示位置处的两个螺钉。

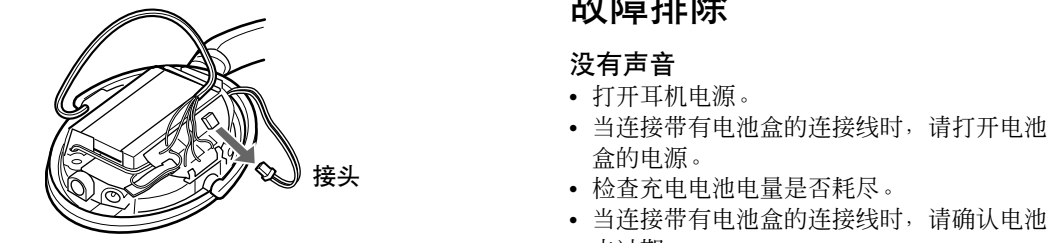


- 使导线远离充电电池。首先，撕下电池表面的胶带。然后，松开紧邻充电电池的导线。



**注意**
小心不要损坏内部电线。

- 拉出电路板上的接头。



**注意**
按下接头时小心不要损坏内部电线。

- 取出充电电池。充电电池由胶带固定妥当。按图中所示的箭头方向提起充电电池，将其取出。



**注意**
取出充电电池时，小心不要将其损坏。

## 使用须知

耳机内含降噪电路。

**何谓降噪？**
降噪电路能通过内置麦克风感应外部噪音，并将等量但反向的降噪信号发送到耳机。

- 在很安静的环境中，降噪效果可能不是很明显，或可能会听到一些噪音。
- 视您佩戴耳机的方式而定，降噪效果可能会有所不同。
- 降噪功能主要对低频带的噪音有效。虽然可以减少噪音，但是无法完全消除。
- 当在火车上或汽车内使用耳机时，视道路情况而定，可能会产生噪音。
- 如果您没有正确佩戴耳机，可能会发出啸叫声。
- 如果手指等放在耳机内部附近，则可能会发出啸叫声。请将物品远离耳机。
- 手机可能会造成干扰和噪音。为了避免干扰，只能在无线发射器关闭时使用降噪功能（飞机模式）。干扰噪音也会从附近的手机发出。在此情况下，请将耳机远离手机放置。

- 使用的注意事项**
- 用柔软的干布清洁耳机。
  - 请勿让插头脏掉，否则声音可能会失真。
  - 当耳塞变脏或损坏时，或者当耳机需要维修时，请务必咨询 Sony 经销商。
  - 请勿将立体声耳机放置在受直射阳光、靠近热源或潮湿的地方。

- 耳机的注意事项**
- 预防听力受损**
- 避免戴着耳机用很高的音量聆听。听力专家建议不要长时间用高音量连续播放。如果您出现耳鸣的感觉，请降低音量或停止使用。
- \*可能与某些飞机上的音乐服务不兼容。

**请勿在驾车或骑车时使用耳机聆听**

由于耳机会降低周围声音的音量，从而可能会造成交通事故。此外，在听力不得受影响的场所（如铁路交叉口、工地等），请避免使用耳机。

如果您有关于本系统的且在本手册中未提及的任何疑问或问题，请就近咨询 Sony 经销商。

For China Market Only:
**制造商:** 索尼公司
**地址:** 日本国东京都港区港南1-7-1
**总经销商:** 索尼(中国)有限公司
**地址:** 中国北京市朝阳区东三环北路霞光里18号佳程大厦A座25层
**原产地:** 马来西亚
**出版日期:** 2008年9月

## 产品中有毒有害物质或元素的名称及含量

使用环境条件: 5 度 ~ 35 度
(O: 不含有, x: 含有)

部件名称	有毒有害物质或元素					
	铅 (Pb)	汞 (Hg)	镉 (Cd)	六价铬 (Cr (VI))	多溴联苯 (PBB)	多溴二苯醚 (PBDE)
内置线路板	x	○	○	○	○	○
外壳	x	○	○	○	○	○
附件	x	○	○	○	○	○

O: 表示该有毒有害物质在该部件所有均质材料中的含量均在 SJ/T11363-2006 标准规定的限量要求以下。
x: 表示该有毒有害物质至少在该部件的某一均质材料中的含量超出 SJ/T11363-2006 标准规定的限量要求。



## English

### Noise Canceling Headphones

Before operating the unit, please read this manual thoroughly and retain it for future reference.

## WARNING

**To reduce the risk of fire or electric shock, do not expose this apparatus to rain or moisture.**

**To reduce the risk of electrical shock, do not open the cabinet. Refer servicing to qualified personnel only.**

Connect the AC power adaptor to an easily accessible AC outlet. Should you notice an abnormality in the AC power adaptor, disconnect it from the AC outlet immediately.

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

To reduce the risk of fire or electric shock, do not place objects filled with liquids, such as vases, on the AC power adaptor.

Do not expose the batteries (battery pack or batteries installed) to excessive heat such as sunshine, fire or the like for a long time.

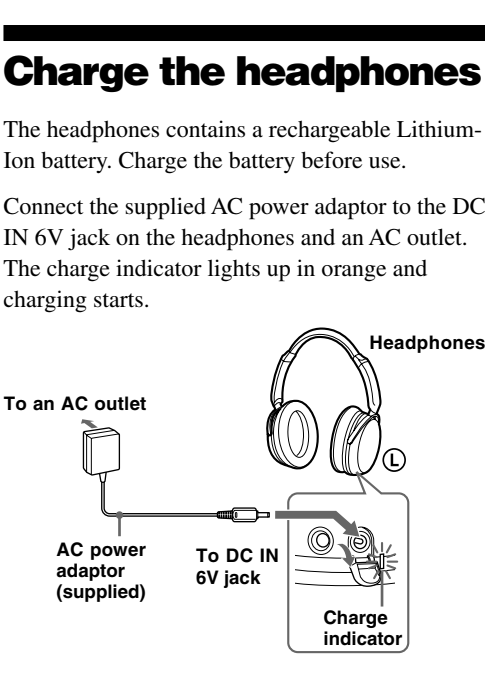
## Features

- Digital noise canceling headphones with the proprietary DNC software engine.** The high-precision canceling signal delivers predominant noise canceling performance.
- AI (Artificial Intelligence) Noise Canceling function.** Automatic selection of the optimal noise canceling mode based on intelligent analysis of environmental ambient noise.
- Digital equalizer delivers ideal frequency response and high-quality music reproduction.**
- High S/N ratio achieved through digital signal processing.**
- Lightweight design for extremely comfortable wearing.** Generous use of lightweight materials such as Magnesium and A7075 aluminum alloy.
- Pressure relieving urethane cushion in the earpad.** The earpad structure provides comfort without stress even after extended use.
- Built-in monitor function lets you silence the audio to hear externally.**

## Charge the headphones

The headphones contains a rechargeable Lithium-Ion battery. Charge the battery before use.

- Connect the supplied AC power adaptor to the DC IN 6V jack on the headphones and an AC outlet.** The charge indicator lights up in orange and charging starts.



Charging is completed after about three hours, and the charge indicator goes out. Disconnect the AC power adaptor after the charging has finished.

### Notes

- Use the AC power adaptor supplied with this unit. Do not use any other AC power adaptor since it may cause the unit to malfunction.

- Polarity of the plug**
- Avoid exposure to temperature extremes, direct sunlight, moisture, sand, dust or mechanical shock. Never leave in a car parked in the sun.
  - Charge in an environmental temperature of between 0°C and 40°C (between 32°F and 104°F). Otherwise, the battery may not be fully charged.

- If you haven't used the headphones for a long period of time, the life of the rechargeable battery may become short. This will improve when you repeat the charging and discharging process several times.
- When the battery life reduces to half, this may be the end of battery lifetime. For how to change batteries, consult your place of purchase or a Sony dealer.
- Do not store the headphones in hot places for a long period of time. When storing it for more than a year, charge the battery once a year to prevent over discharge.
- You cannot charge the rechargeable battery using the supplied connecting cord with battery case.

Charging time	Usage time*1
Approx. 3 hours *2	Approx. 15 hours*3

\*1 At 1 kHz, 0.1 mW + 0.1 mW output

\*2 Hours required to fully charge an empty battery

\*3 Time stated above may vary, depending on ambient temperature or conditions of use.

### When the rechargeable battery is low

When the rechargeable battery is low, short beeps sound from the unit for 8 seconds and the POWER indicator blinks slowly. When the battery level is getting lower, a long beep sounds from the unit for 2 seconds and the POWER indicator blinks quickly, and all operations are stopped. Move the POWER switch to "OFF" in this case.

#### Tips

- When the battery runs out, you can supply the power to the headphones in one of the following ways:
  - Connect the headphones to the AC power adaptor by following the steps shown in "Charge the headphones." You can use the headphones while charging.
  - Use the supplied connecting cord with battery case. See "How to use the connecting cord with battery case" for details.

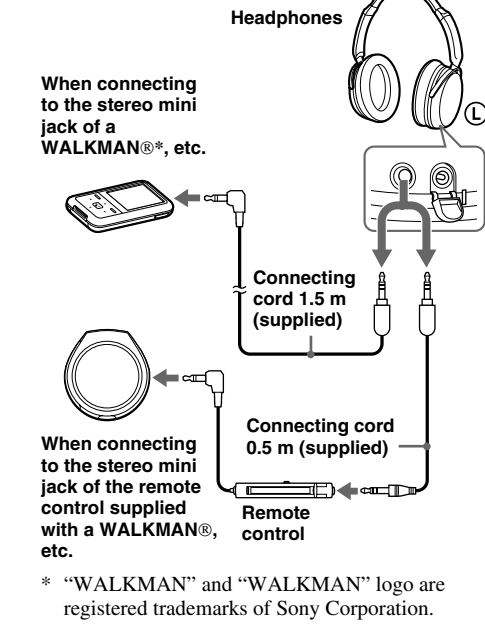
### Using your AC power adaptor abroad

You can use your AC power adaptor in any country or area that uses 100 V to 240 V AC, 50/60 Hz, by connecting a plug adaptor. If the country you visit employs a different shaped socket, use the correct plug adaptor.

Consult your nearest travel bureau for the type of plug adaptor needed for your trip.

## Listening to music

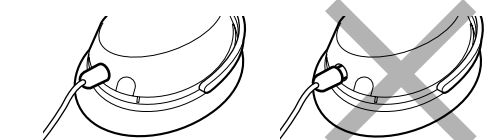
- Connect the headphones to the AV equipment.



\* "WALKMAN" and "WALKMAN" logo are registered trademarks of Sony Corporation.

### Notes

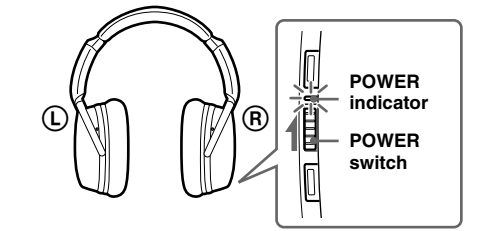
- When connecting the cord, insert the plug into the jack until the green portion of the plug disappears.



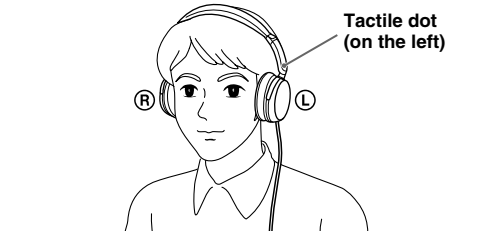
- To disconnect the cord, pull it out by the plug, not the cord, as the inner conductors may break.

- Turn on the power on the right side of the headphones.

The POWER indicator lights up in blue, and a short beep sounds from the unit.



- Put on the headphones. After confirming the cord on the left and the POWER switch on the right, put on the headphones. Adjust the ear pads so as to cover your ears.



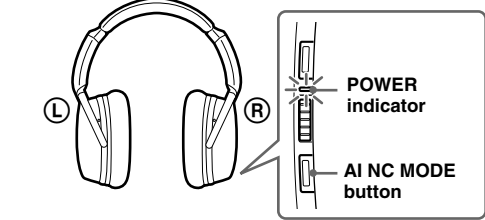
- Start playing on the AV equipment connected to the headphones.

#### Note

Playback is not available when there is no power.

## Utilizing the AI Noise Canceling

- Press the AI NC MODE button. When you press the AI NC MODE button and the POWER switch is set to "ON", sounds come from the headphones to inform you that the unit has started analyzing ambient sound components (approx. 3 seconds). During analysis, sound reproduction from the unit is stopped and the POWER indicator lights in pink. When analysis is completed, the most effective noise canceling mode is set automatically, and sound reproduction from the headphones starts.



### AI Noise Canceling

AI Noise Canceling is a useful function that automatically selects one of the noise canceling modes. This function provides the most effective noise canceling mode by immediately analyzing ambient sound components when the AI NC MODE button is pressed.

#### Tips

- When the power of the headphones is turned on, mode A is set. (See "Noise canceling mode types," for details about Mode A.)
- Press the AI NC MODE button again to reset the noise canceling mode if ambient noise has changed, such as when you move outdoors from a room.

### To set the noise canceling mode manually

You can set the noise canceling mode manually (manual noise canceling).

- Press and hold the AI NC MODE button for more than one second. Sounds ( ♪ ♪ ♪ ) come from the headphones to inform you that manual noise canceling is set.
- Press the AI NC MODE button repeatedly to change the mode type. The POWER indicator blinks pink and a beep(s) sound(s) from the headphones. After that, the noise canceling mode is set. The number of POWER indicator blinks and the beep sounds depends on the mode selected. See "Noise canceling mode types."

#### Tips

- Mode A is selected when manual noise canceling is activated.
- To change from manual noise canceling to AI Noise Canceling, press and hold the AI NC MODE button for more than one second. When you hear the sounds ( ♪ ♪ ♪ ) to inform you of the change to AI Noise Canceling, press the AI NC MODE button again. Ambient analysis starts and the most effective noise canceling mode is set automatically.

### Noise canceling mode types

Mode names	Number of POWER indicator blinks (pink) and beep sounds
A	1
B	2
C	3

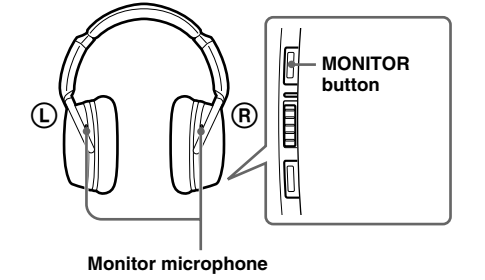
A:Noise mainly in an airplane is effectively reduced.

B:Noise mainly in a bus or a train is effectively reduced.

C:Noise mainly found in an office environment (PC, copier, air ventilation, etc.) is effectively reduced.

## Hearing environmental sound for safety

If the MONITOR button is pressed and held while the POWER switch is set to ON, playback silences then you can hear the surrounding environment.

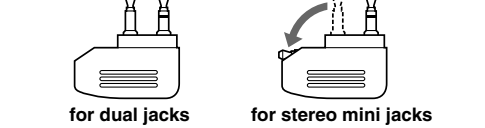


#### Note

Environmental sound might not be heard if the microphone is covered with your fingers.

## When using in an airplane

- The supplied plug adaptor can be connected to the dual or stereo mini jacks in an airplane.



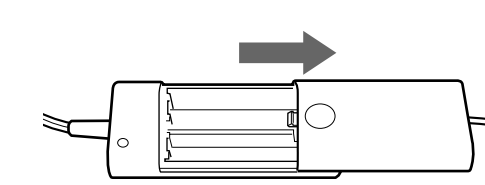
- Do not use the headphones when use of electronic equipment is prohibited, or when use of personal headphones for in-flight music services are prohibited.

## How to use the connecting cord with battery case

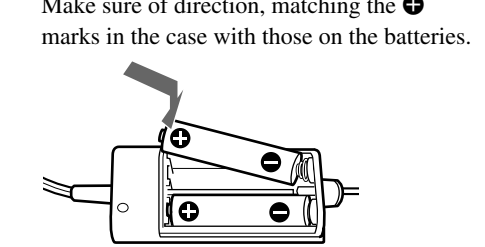
You can continue to use the unit, even when the rechargeable battery in the headphones runs out, by connecting the supplied connecting cord with battery case.

Use the connecting cord with battery case by inserting two size AA alkaline batteries.

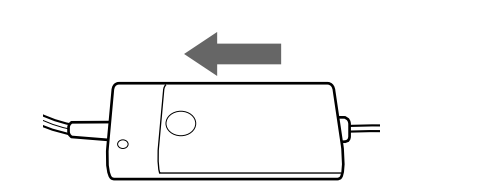
- Open the lid of the battery case.



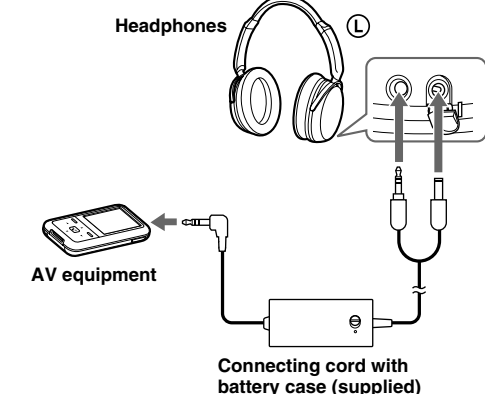
- Insert two size AA alkaline batteries. Make sure of direction, matching the + marks in the case with those on the batteries.



- Close the lid.



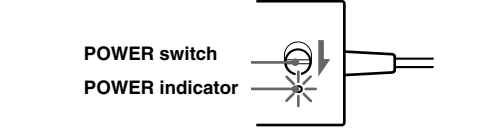
- Connect the supplied connecting cord with battery case to both the headphones and AV equipment.



#### Notes

- When connecting the cord, insert the plug fully into the jack so that the green sign on the metal parts cannot be seen.
- When disconnecting the cord, pull it out by holding the plug. If the cord is pulled forcibly the wire may break.

- Set the POWER switch of the headphones to "OFF," and then set the POWER switch of the battery case to "ON." The POWER indicator on the battery case lights up green.



See steps 2 to 4 of "Listening to music" for the following setting steps.

After use, set the POWER switch of both the headphones and the battery case to "OFF."

#### Tips

- The power supply of the rechargeable battery is consumed first, unless the battery runs out.
- If you connect and turn on the connecting cord with battery case in advance when the rechargeable battery is low, you can use the headphones uninterrupted, even after the battery in the headphones runs out.
- The use of manganese batteries is not recommended, since this type of battery has an extremely short usage time.
- The battery case supplies the power to the headphones for operation purposes only. It does not charge the internal rechargeable battery in the headphones.
- The POWER indicator of the battery case becomes dim when the battery life is reaching the limit. Replace the battery with new ones at the time.
- The supplied connecting cord with battery case is only for these headphones. Do not connect to other equipment.

#### Battery life

Battery type	Approx. hours*1
Sony Alkaline LR6 (size AA) battery	10 hours *2

\*1 Output at 1 kHz, 0.1 mW + 0.1 mW

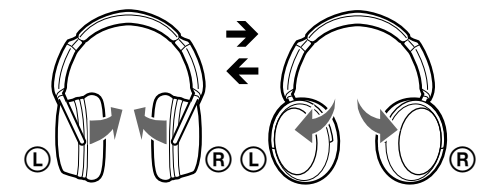
\*2 Time stated above may vary, depending on ambient temperature or conditions of use.

### After use

Turn off the power of the headphones.

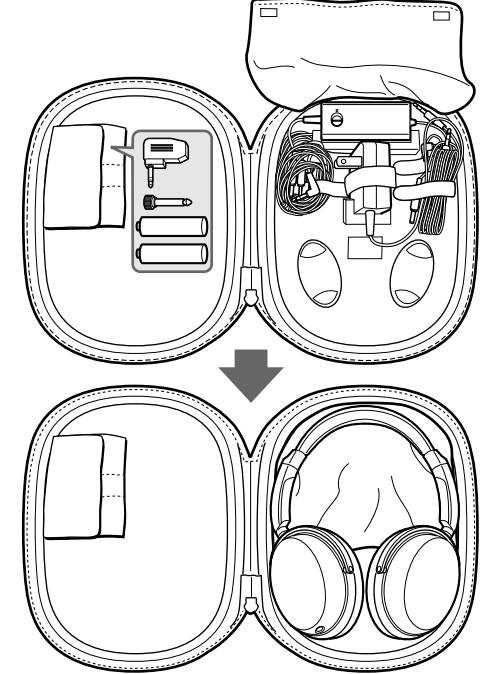
### Flat Storage

The housings rotate to make them flat for easy storage in the carrying case (supplied), or in a seat pocket. Restore to their usual position before using.



## Putting the headphones in the carrying case

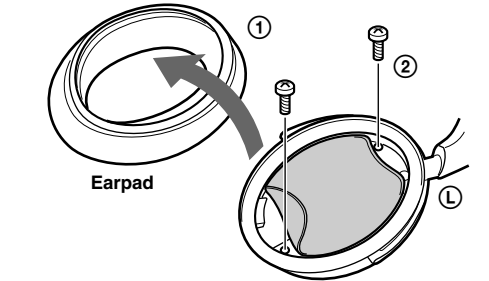
Rotate the housings to be flat before putting them in the carrying case.



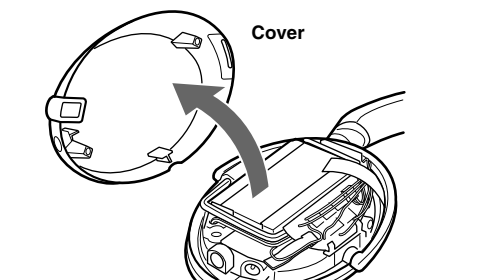
## Disposing of the unit

The unit contains a rechargeable Lithium-Ion battery. For environmental conservation, be sure to remove the built-in rechargeable batteries from the unit before disposing, and dispose of the batteries appropriately.

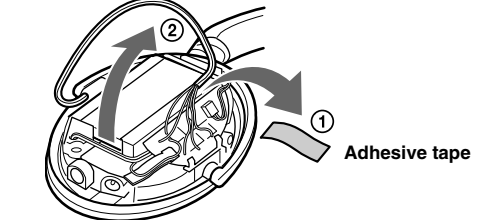
- Pull off the earpad on the left housing, and unwind the two screws located as in the illustration.



- Turn down the left housing and pull off the outer cover.



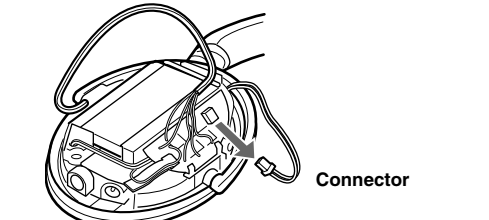
- Keep the cord away from the rechargeable battery. First, remove the adhesive tape on the surface of the battery. Then, loosen the cord just beside the rechargeable battery.



#### Note

Be careful not to break the internal wires.

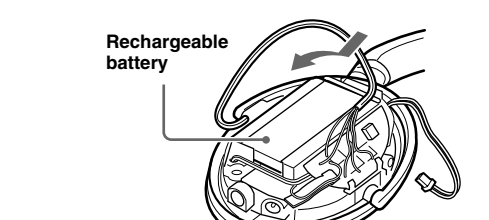
- Pull out the connector on the board.



#### Note

Be careful not to break the internal wires when disconnecting the connector.

- Remove the rechargeable battery. The rechargeable battery is firmly installed by adhesive tape. Take out the rechargeable battery by lifting up in the direction of the arrow shown in the illustration.



#### Note

Remove the rechargeable battery, taking care not to damage it.

## Precautions

The headphones contain a noise canceling circuit.

#### What is noise canceling?

The noise canceling circuit actually senses outside noise with built-in microphones and sends an equal-but-opposite canceling signal to the headphones.

- The noise canceling effect may not be pronounced in a very quiet environment, or some noise may be heard.
- The noise canceling effect may vary depending on how you wear the headphones.

- The noise canceling function works for noise in the low frequency band primarily. Although noise is reduced, it is not canceled completely.
- When you use the headphones in a train or a car, noise may occur depending on street conditions.
- Howling may occur if you do not wear the headphones correctly.
- Howling may occur if you place an object such as finger close to inside of the headphones. Keep it away from the headphones.
- Mobile phones may cause interference and noise. To avoid interference, use noise canceling feature only with wireless transmitters turned off (Airplane Mode). Interference noise can also occur from nearby mobile phones. Should this occur, locate the headphones further away from the mobile phone.

#### Notes on usage

- Clean the headphones with a soft dry cloth.
- Do not leave the plug dirty otherwise the sound may be distorted.
- Be sure to consult a Sony dealer when the earpads become dirty or damaged, or when the headphones require repair work.
- Do not leave the stereo headphones in a location subject to direct sunlight, heat or moisture.

#### Note on headphones Preventing hearing damage

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

#### Do not listen with the headphones while driving or cycling

As your headphones reduce surrounding sound, it may cause a traffic accident. Also avoid using them where hearing must not be impaired, for example, at a railroad crossing, a construction site, etc.

<p>If you have any questions or problems concerning the system that are not covered in this manual, please consult your nearest Sony dealer.</p>
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## Troubleshooting

#### No sound

- Turn on the headphones.
- When connecting the connecting cord with battery case, turn on the power of the battery case.
- Check that the rechargeable battery is not depleted.
- When connecting the connecting cord with battery case, check that the batteries have not expired.
- Check the connection of the headphones and the AV equipment.
- Check that the connected AV equipment is turned on.
- Turn up the volume of the connected AV equipment.

#### Muffled sound

- Turn down the volume of the connected AV equipment.
- Charge the headphones.
- Replace the alkaline batteries in the battery case with new ones.

#### Power does not turn on

- Check if the battery has expired (the POWER indicator dims).
  - If the power does not turn on, even after charging the headphones, the rechargeable battery may be damaged. Consult your place of purchase or a Sony dealer in this case.
- When you are using the headphones with the connecting cord with battery case, set the POWER switch on the battery case to "OFF," then to "ON" again.
- Replace the alkaline batteries in the battery case with new ones.

#### No operation works

- Set the POWER switch of the headphones to "OFF," confirm the connections, and then set the POWER switch back to "ON."
- Reset the headphones.
  - Insert a pointed object, such as the tip of a clip, into the hole located under the RESET button on the right housing, and press until the button slightly rebounds.

## Specifications

#### General

Type	Closed dynamic
Driver unit	40 mm, dome type (CCA-W adopted)
Power handling capacity	100 mW
Impedance	40 Ω at 1 kHz
Sensitivity	102 dB/mW
Frequency response	5 - 24,000 Hz
Power source	DC 3.7 V: Built-in lithium-ion rechargeable battery, 2 × LR6 (size AA) batteries, or AC power adaptor
Power consumption	5.5 W
Mass	Approx. 195 g (6.9 oz)

#### Supplied accessories

Connecting cord (0.5 m, gold plated stereo mini plug) (1)
Connecting cord (1.5 m, gold plated L type stereo mini plug) (1)
Connecting cord with battery case (1)
Carrying case (1)
Plug adaptor for in-flight use\* (single/dual) (1)
Gold-plated unmatch plug adaptor (stereo phone plug ↔ stereo mini jack) (1)
AC power adaptor AC-MS608T (1)
Operating Instructions (1)
Startup guide (1)
Product Information (1)

\* May not be compatible with some in-flight music services.

Design and specifications are subject to change without notice.