



USER GUIDE

用户指南 / 用戶指南

HEARING PROTECTOR P102

听力保护者 P102 / 聽力保護者 P102

Neckband Bluetooth ANC Headphones
颈挂式蓝牙降噪耳机 / 頸掛式藍牙降噪耳機

Get the App

Hearing Protector



Smart Hearing Protection

The P102 automatically adjusts the sound levels to protect your hearing.

Our unique Hearing Protector App helps to control the exposure to loud noise, and to minimize hearing damage.

Recommended Exposure Levels



110dB



100dB



85dB



Volume

103dB



Duration

7.5mins

100dB



15mins

97dB



30mins

94dB



1hr

85dB



8hrs

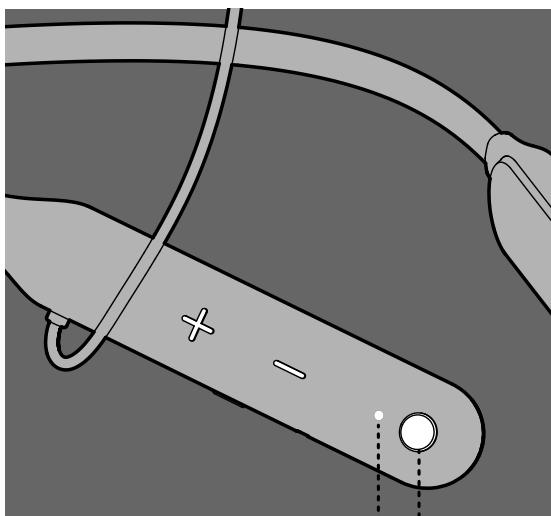
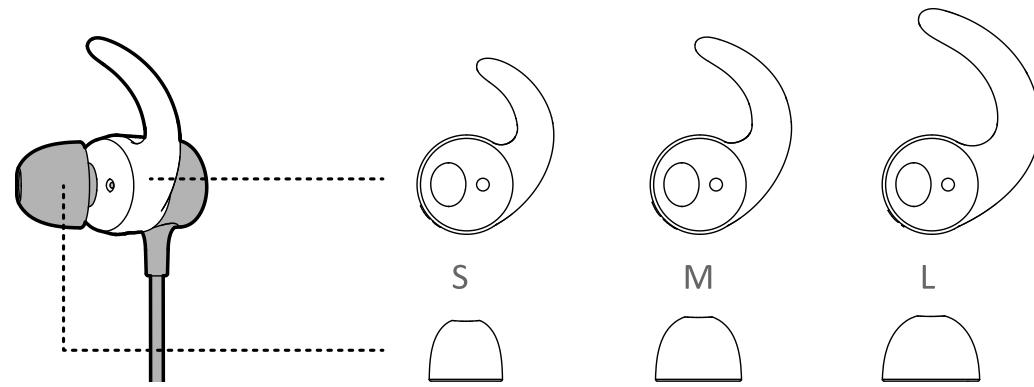
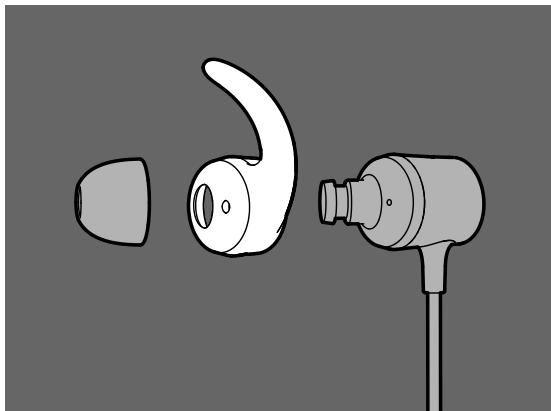
<85dB



∞Unlimited

For hearing protection, limit the volume to less than 85 dB.

Install suitable ear cushions and ear fins



Headphones
Status Indicators

Multi-function Button

Turn on / off the P102

Turn on:

Press $\text{PWR}/\triangleright$ for 2 seconds until the green LED light is on.

Turn off:

Press and hold $\text{PWR}/\triangleright$ for 6 seconds until the red LED light is on.

Pre-installed languages for voice prompts

The following languages are pre-installed on your headphones:

English \ Mandarin

Changing the language

When you power on the headphones for the first time, the voice prompts are in English.

Press and hold — and  button simultaneously 2 seconds until you hear the indication tone to Change the language.

※ You can also manage language settings using the Orelo+ Hearing Protector app.

Pairing with a mobile device

Please pair your mobile device with P102 in order to activate the hearing protection function. Press and hold  until the LED indicator light flashes blue, entering pairing mode. The blue LED indicator flashes slower after it is connected to the device successfully.

Notice:

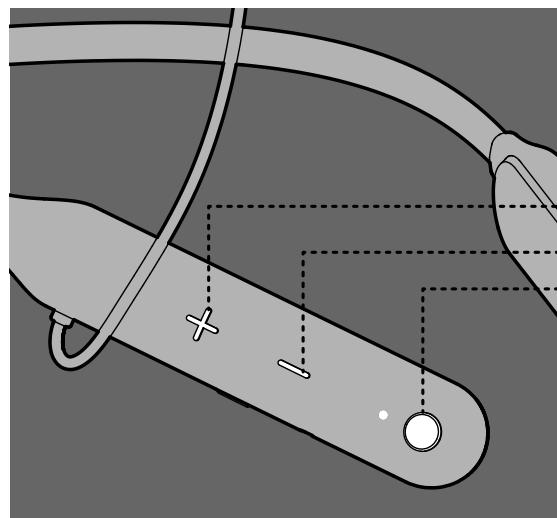
- After pairing a mobile device, launch the Hearing Protector App and follow the on-screen instructions.
- P102 will automatically turn off when it doesn't connect to any device for more than 5 minutes in pairing mode.
- When the active noise cancellation is on, P102 won't power off.

Reconnecting to a previously connected device

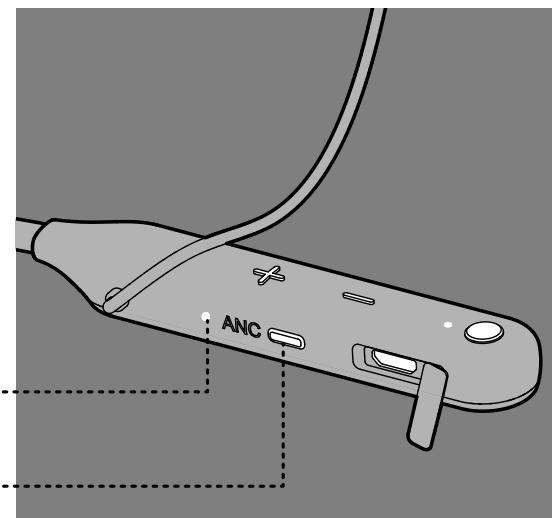
When P102 is powered on and within Bluetooth signal range, it will automatically reconnect to the most recently connected device.

Playing music

Connect your device to P102 then launch a music application or any music channel to start audio streaming. You can play, pause, move forward, move back, and adjust the volume through either device.



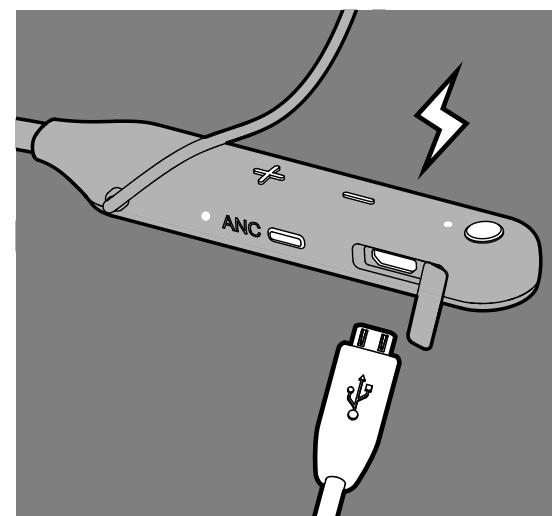
+ Volume Up
- Volume Down
∅/▷ Multi-function Button
Active Noise Cancellation Indicator
Active Noise Cancellation



Charging the headphones

1. Plug one end of the USB cable into the Micro USB port on the right side of the headphones.
2. Plug the other end of the cable into the charger. It may require up to 2 hours to fully charge.

Note: The headphones will not play while charging.



Headphones controls

P102 controls are located on the right side of headphones.

Volume Up

- Press to increase the volume.
- Press and hold to continuously increase the volume.

Volume Down

- Press to decrease the volume.
- Press and hold to continuously decrease the volume.

Multi-function Button

- Press once to play/pause music or answer/end a call.
- Press twice to move forward.
- Press 3 times to move back.
- Press and hold to ignore an incoming call.

ANC Active Noise Cancellation

- Active noise reduction isolates ambient noise.
- Press to turn on/off the active noise cancellation.

Headphones status indicators

The headphones and active noise cancellation function indicators are located on the right side of headphones.

	LED Indicator	Headphone Status
Status Display	Green Light On	Power On
	Blue Light Flashes	Pairing Mode
	Red Light On	Power Off
Battery Display	Green Light Flashes	Battery High
	Yellow Light Flashes	Battery Medium
	Red Light Flashes	Battery Low
Active Noise Cancellation Function	White Light Flashes	Function On

Hearing Protector App

Our patented hearing protection algorithm will adjust the sound levels up to maximum of 85dB on a daily basis. It protects users from irreversible hearing loss when exposed to sound levels over 85dB for a prolonged period of time.

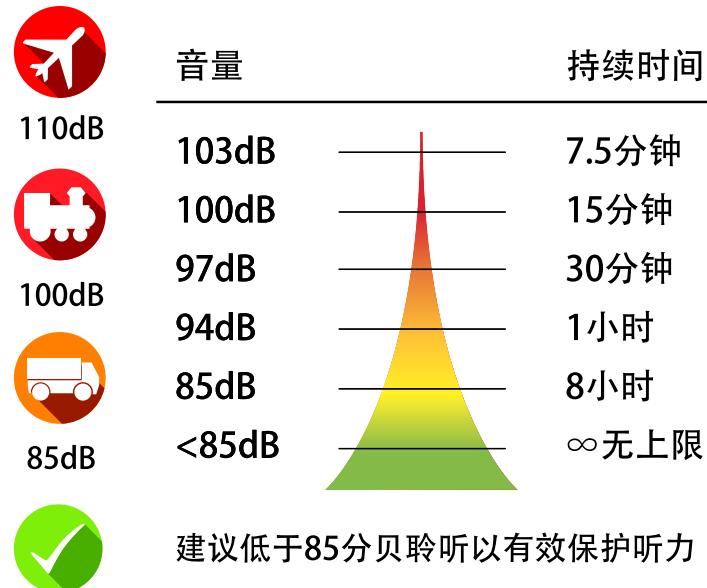
- Smart Volume Control
- Daily High Volume Limits
- Volume lock
- Music Genres (EQ)

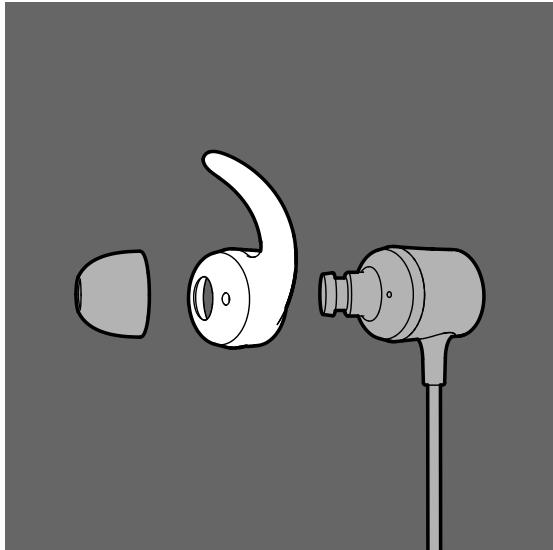


智能听力保护

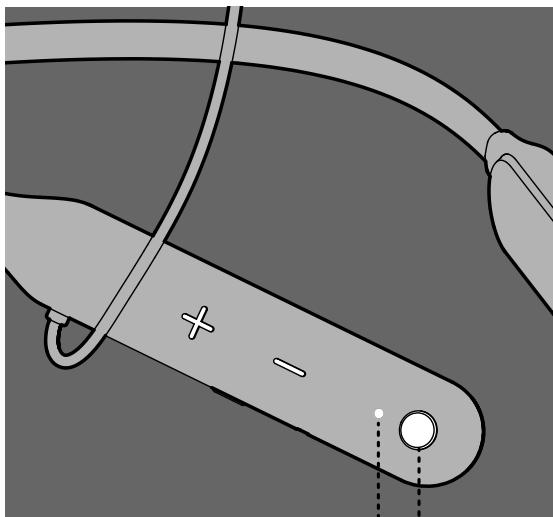
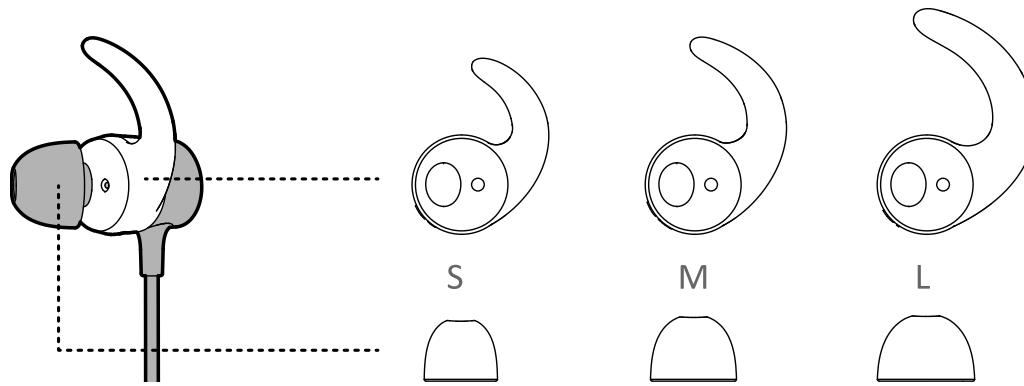
听力保护者P102会依据播放音量与聆听时间，智能调整音量至安全聆听范围，以达到听力保护的目的；搭配专属听力保护App使用，体验更全面的听力保护功能。

听力安全防护图





| 装上适当的耳塞与耳撑



耳机状态指示灯 ⏺/▷ 多功能按键

| 开启/关闭P102

开机:关机状态按住 ⏺/▷ 两秒, 直到耳机指示灯绿灯亮。
关机:开机状态按住 ⏺/▷ 六秒, 直到耳机指示灯红灯亮。

预安装的语音提示语言

您的耳机上预安装了以下语言：

英文、中文

变更语言

第一次打开耳机时, 为英文语音提示。

同时按住 — 和 ⌂/▷ 键两秒, 听到“滴”一声提示音即完成变更语言。

※亦可在Orelo+听力保护者应用的语言设定进行语言变换。

配对设备

为了让设备能够与听力保护者P102搭配使用, 必须进行蓝牙配对。

关机状态按住 ⌂/▷, 当耳机指示灯为快闪蓝灯进入配对状态; 配对成功后转为慢闪蓝灯。

注意:

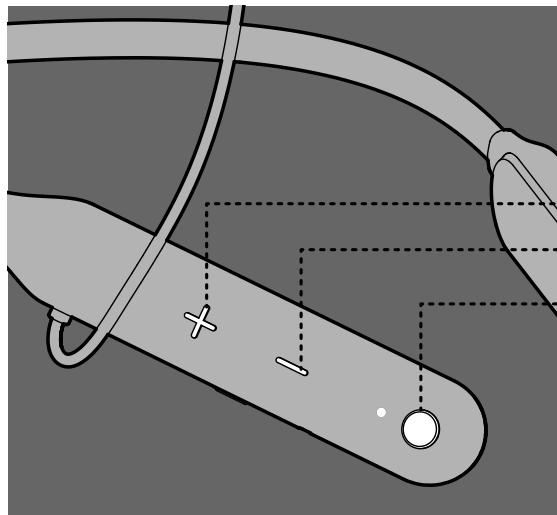
- 配对完成后可启动听力保护者App, 并按照屏幕说明进行操作。
- 耳机进入配对状态超过5分钟且没有成功配对设备时自动关机。
- 主动降噪功能开启时, 即使超过配对时间且没有成功配对设备, 仍会维持开机状态。

重新连接之前使用过的设备

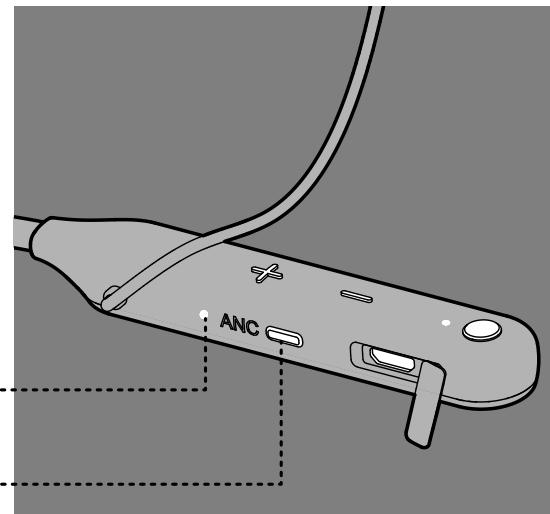
打开电源后, 确保设备处于连接范围内, 耳机将自动连接使用过的设备。

播放音乐

连接您的通讯设备后,打开音乐播放软件,开始播放。您可使用耳机或装置的控件进行播放、暂停、快进、快退或调整音量。



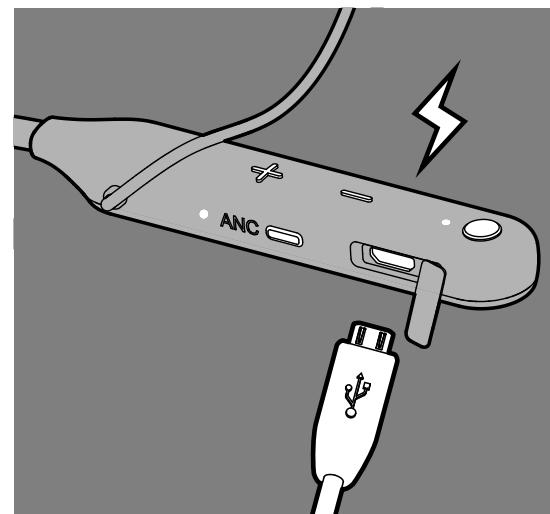
+ 提高音量
- 降低音量
◎/▷ 多功能按键
主动降噪指示灯
ANC 主动降噪



电池充电

1. 将 USB 充电线插入耳机右侧的 Micro USB 端口。
2. 将 USB 充电线的另一端插入USB充电插座,2小时可将电池电量充满。

注意:充电时耳机停止工作。



耳机控件

耳机控件在耳机右侧

十 提高音量

- 短按提高音量
- 按住持续提高音量

一 降低音量

- 短按降低音量
- 按住持续降低音量

◎/▷ 多功能按键

- 单击播放/暂停音乐
- 单击接听/结束通话
- 双击快转跳过
- 按三下倒转跳过
- 按住可忽略来电

ANC 主动降噪

- 主动式降噪功能隔绝环境噪音
- 单击开启/关闭主动降噪

耳机状态指示灯

耳机状态与主动降噪指示灯在耳机右侧

	LED 指示灯	耳机状态
状态显示	绿灯亮	开机
	蓝灯闪烁	配对搜寻
	红灯亮	关机
电量显示	绿灯闪烁	高电量
	黄灯闪烁	中电量
	红灯闪烁	低电量
主动降噪	白灯闪烁	进入主动降噪功能

听力保护者APP

根据听力学设计的智能听力保护技术,将为您智能调控安全音量及提示安全聆听时长,让您既能舒适享受聆听又拥有专属听力保护,并时刻关心您的听力健康。

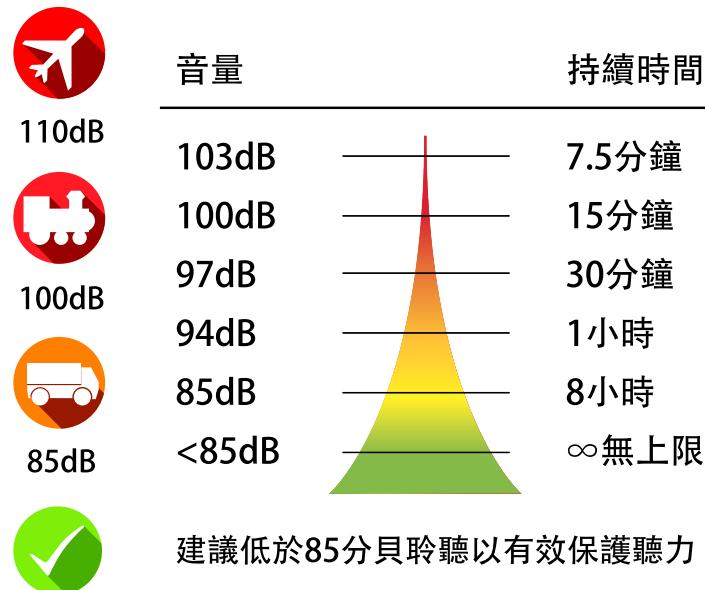
- 智能音量控制
- 个人化聆听时间方案
- 音量锁定
- 音效模式

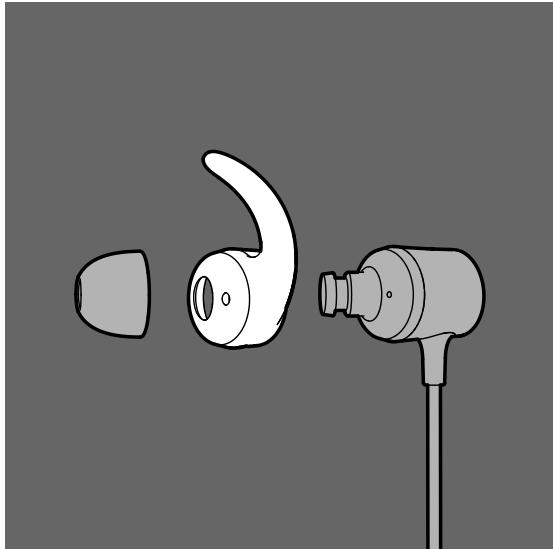


智慧聽力保護

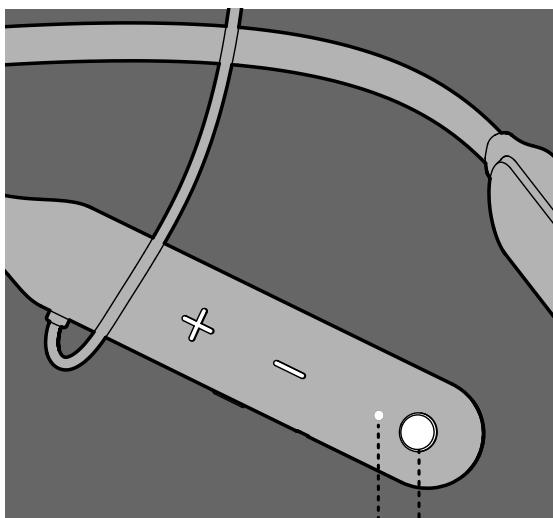
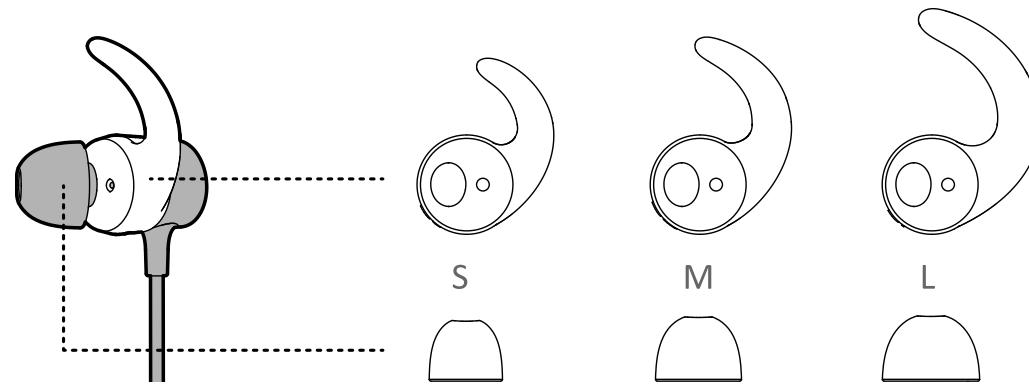
聽力保護者P102會依據播放音量與聆聽時間，智慧調整音量至安全聆聽範圍，以達到聽力保護的目的；搭配專屬聽力保護App使用，體驗更全面的聽力保護功能。

聽力安全防護圖





| 裝上適當的耳塞與耳撐



耳機狀態指示燈 ⏺/▷ 多功能按鍵

| 開啟/關閉P102

開機: 關機狀態按住 ⏺/▷ 兩秒, 直到耳機指示燈綠燈亮。
關機: 開機狀態按住 ⏺/▷ 六秒, 直到耳機指示燈紅燈亮。

預先安裝的語音提示語言

您的耳機上預先安裝了以下語言：

英文、中文

變更語言

第一次打開耳機時，為英文語音提示。

同時按住  和  鍵兩秒，聽到“滴”一聲提示音即完成變更語言。

※亦可在Orelo+聽力保護者應用的語言設定進行語言變換。

配對行動裝置

為了讓行動裝置能夠與聽力保護者P102搭配使用，必須進行藍牙配對。

關機狀態按住 ，直到耳機指示燈快閃藍燈進入配對狀態；配對成功後慢閃藍燈。

注意：

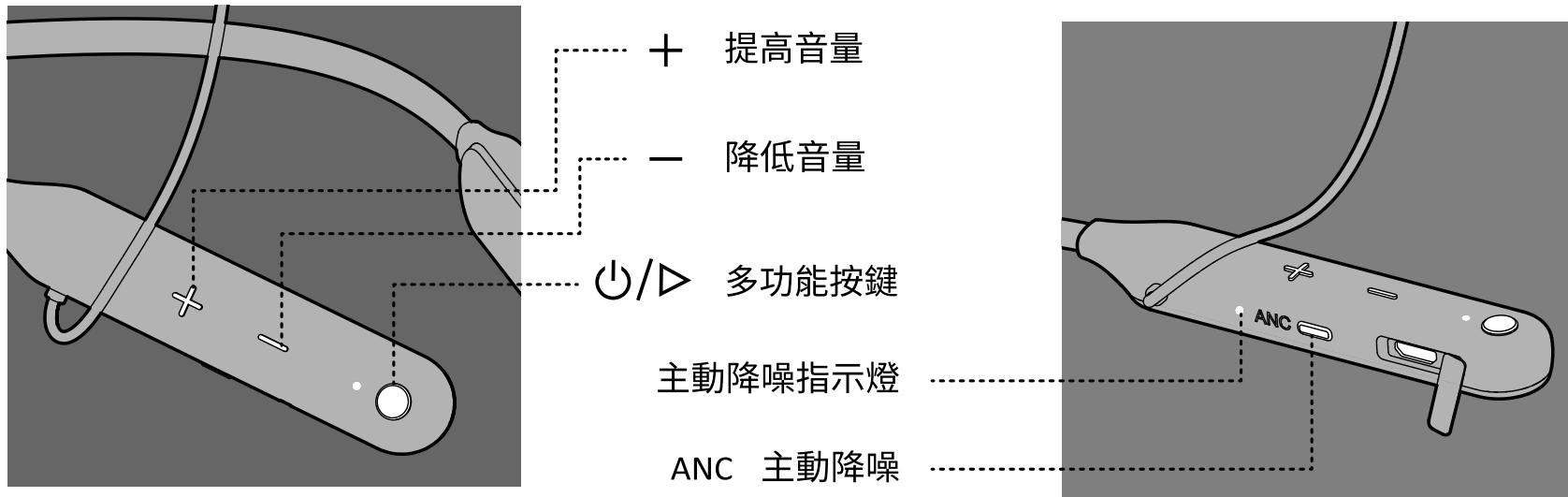
- 配對完成後可開啟聽力保護者App，並按照螢幕上的指示操作。
- 耳機進入配對狀態超過5分鐘且未連接行動裝置時自動關機。
- 主動降噪功能開啟時，即使超過配對時間且未連接行動裝置，仍會維持開機。

重新連接之前曾連接過的設備

打開電源後，確保設備處於連接範圍內，耳機將自動連接最近連接過的設備。

播放音樂

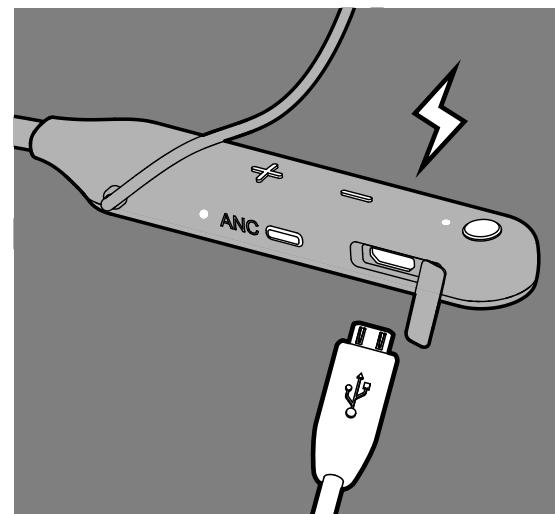
連接您的行動裝置後，打開音樂應用程序，開始播放音訊。您可使用耳機或裝置的控制進行播放、暫停、快進、快退或調整音量。



電池充電

1. 將 USB充電線插入耳機右側的Micro USB 充電口。
2. 將 USB充電線的另一端插入 USB 充電插座，2小時可將電池電量充滿。

注意：充電時耳機停止工作。



耳機控制

耳機控制在耳機右側

十 提高音量

- 短按提高音量
- 按住持續提高音量

一 降低音量

- 短按降低音量
- 按住持續降低音量

◎/▷ 多功能按鍵

- 單擊播放/暫停音樂
- 單擊接聽/結束通話
- 雙擊快轉跳過
- 按三下倒轉跳過
- 按住可忽略來電

ANC 主動降噪

- 主動式降噪功能隔絕環境噪音
- 單擊開啟/關閉主動降噪

耳機狀態指示燈

耳機狀態與主動降噪指示燈在耳機右側

	LED 指示燈	耳機狀態
狀態顯示	綠燈亮	開機
	藍燈閃爍	配對搜尋
	紅燈亮	關機
電量顯示	綠燈閃爍	高電量
	黃燈閃爍	中電量
	紅燈閃爍	低電量
主動降噪	白燈閃爍	降噪功能已開啟

聽力保護者App

根據聽力學設計的智慧聽力保護技術，將為您智慧調節安全音量和顯示安全聆聽時長，讓您既能舒適享受聆聽又可擁有專屬聽力保護，並時時關心您的聽力健康。

- 智慧音量控制
- 個人化聆聽時間方案
- 音量鎖定
- 音效模式



Regulations / 法规 / 法規



FCC Regulations

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This 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.

Notice: Changes or modifications not expressly approved by the party responsible for compliance could void the user 's authority to operate the equipment.

低功率電波輻射性電機管理條例

第十二條

經型式認證合格之低功率射頻電機，非經許可，公司、商號或使用者均不得擅自變更頻率、加大功率或變更原設計之特性及功能。

第十四條

低功率射頻電機之使用不得影響飛航安全及干擾合法通信；經發現有干擾現象時，應立即停用，並改善至無干擾時方得繼續使用。

前項合法通信，指依電信法規定作業之無線電通信。

低功率射頻電機須忍受合法通信或工業、科學及醫療用電波輻射性電機設備之干擾。



CE Regulations

This product is in compliance with the essential requirements and other relevant provisions of Directive 2014/53/EU and all other applicable EU directive requirements.

The complete declaration of conformity can be found at: www.oreloplus.com

Frequency band of operation 2402 to 2480 MHz.

Bluetooth®: Maximum transmit power is 8 dBm

CAUTION

Risk of explosion if battery is replaced by an incorrect type.

Don't disposal of the battery into fire or a hot oven, or mechanically crushing or cutting of a battery.

Don't leaving the battery in an extremely high temperature surrounding environment, or extremely low air pressure surrounding environment.



RECYCLING

This product bears the selective sorting symbol for Waste electrical and electronic equipment (WEEE).

This means that this product must be handled pursuant to European directive 2012/19/EU in order to be recycled or dismantled to minimize its impact on the environment.

User has the choice to give his product to a competent recycling organization or to the retailer when he buys a new electrical or electronic equipment.



This symbol means the product must not be discarded as household waste, and should be delivered to an appropriate collection facility for recycling. Proper disposal and recycling helps protect natural resources, human health and the environment. For more information on disposal and recycling of this product, contact your local municipality, disposal service, or the shop where you bought this product.

Li-ion Removal of the rechargeable lithium-ion battery in this product should be conducted only by a qualified professional. Please contact your local retailer.



本产品的型号核准代码标识在产品后标牌上

工作温度范围:-10°C~45°C

有毒或有害物质和元素的名称及成分

有毒或有害物質和元素

零件名称	铅 (Pb)	汞 (Hg)	镉 (Cd)	六价铬 (Cr[VI])	多溴联苯 (PBB)	多溴二苯醚 (PBDE)
线路板	×	○	○	○	○	○
外壳组件	○	○	○	○	○	○
金属部件	○	○	○	○	○	○
扬声器	○	○	○	○	○	○
连接线	○	○	○	○	○	○

此表格符合 SJ/T 11364 条款。

○: 表示此零件中所有同类物质包含的有毒或有害物质低于 GB/T 26572 中的限定要求。

×: 表示此零件中所有同类物质中至少有一种包含的有毒或有害物质高于 GB/T 26572 中的限定要求。



注意: 本产品已为聆听设置智能保护功能, 请遵照用户手册使用,
避免以错误使用方式而产生长时间过大音量造成听力受损。

产品质量检验

合格

Hearing Protector P102 Neckband Bluetooth ANC Headphones

Manufactured under License from OreloPlus Co.

Address: Ryggeveien 96, 1528 Moss, Moss, Norway

Contact us : service@fulicare.com

Website: www.oreloplus.com

Made in China

产品名：听力保护者P102颈挂式蓝牙降噪耳机

本产品由挪威Oreloplus公司授权生产、销售

生产厂：美特科技(苏州)有限公司

生产厂地址：苏州市相城经济开发区康元路800号

售后服务热线: 400-918-0198

產品名：聽力保護者P102頸掛式藍牙降噪耳機

本產品由挪威Oreloplus公司授權生產、銷售

產地：中國 輸入：5.0V/ 500mA

代理商：富立康泰(台灣)股份有限公司

代理商地址：新北市新店區北新路三段205號15樓

服務熱線：(02)8913-2381