

JR-OE2 开放式 TWS 蓝牙运动耳机

Open-Ear True Wireless Headphones

User Manual

一、封面

I. Product picture



二、产品图示

II. Product diagram



①耳机多功能按键

②耳机指示灯

③耳机麦克风

④耳机充电触点

⑤耳机出音孔

① Headphone
multifunctional button

② Headphone indicator

③ Microphone

④ Headphone charging
contact

⑤ Audio out



⑥充电盒充电触点

⑦充电盒指示灯

⑧充电盒多功能按键

⑨充电盒 Type-C 充电接口

⑥ Case charging pin

⑦ Case indicator ⑧

Case multifunctional button

⑨ Case Type-C charging port



三、包装清单

III. Packing list

1. JR-OE2 耳机
2. 充电配线
3. 消毒棉签
4. 说明书&保修卡

1. JR-OE2 headphones
2. Charging cable
3. Disinfection cotton swab
4. User Manual & Warranty Card

四、基本参数

IV. Basic parameters

产品名称：开放式 TWS 蓝牙运动耳机

型号：JR-OE2 蓝牙版本：V5.3 音频

解码：AAC、SBC 支持协议：HFP、

A2DP、AVRCP 工作频率：

2402MHz-2480MHz

通讯距离：10m（无障碍空旷环境）

频响范围：20Hz-20KHz 驱动单元：

φ16.2mm 音乐时长：约 10 小时（

70%音量）通话时长：约 7 小时（

70%音量）连接待机时长：约 120

小时耳机电池容量：120mAh 充电

盒电池容量：600mAh 耳机充电时

长：约 1.5 小时
充电盒充电时长：约 1.5 小时
充电盒可给双耳充电次数：约 2 次
充电盒充电接口：Type-C
充电盒电源输入：5V=500mA
产品材质：ABS+硅胶

产品净重：单耳 12 g 充电盒 60 g
Name: Open-Ear True Wireless Headphones
Model: JR-OE2

BT version: V5.3

Audio decoding: AAC, SBC

Supported protocols: HFP, A2DP, AVRCP

Working frequency: 2402MHz-2480MHz

BT range: 10m (barrier-free open environment)

Frequency response range: 20Hz-20KHz

Speaker: $\phi 16.2\text{mm}$

Music time: about 10h (70% volume)

Calling time: about 7h (70% volume)

Standby time (connected): about 120h

Headphone battery capacity: 120mAh

Case battery capacity: 600mAh

Headphone charging time: about 1.5h

Case charging time: about 1.5h

Cycle counts: about 2 charging cycles

Case charging port: Type-C

Case charging input: 5V=500mA

Material: ABS+silicone

Net weight: single headphone-12g, charging case-60g

五、配对操作(做图描述)

V. Pairing operation

1. 打开充电盒上盖，耳机自动开机；
2. 当主耳机橙白灯交替闪烁，副耳机白灯 5 秒闪 1 次时，即耳机处于待配对状态；
3. 此时开启手机蓝牙，搜索蓝牙设备“Joyroom Openfree OE2”点击连接。

1. Open the lid of the charging case, the headphones will turn on automatically.
2. When the main headphone indicator flashes orange and white alternatively, and the auxiliary headphone indicator flashes white every 5s, it means the headphones are ready for pairing.
3. Turn the phone's BT function on and search for the BT device " Joyroom Openfree OE2", connect with it.

六、常用操作说明(做图描述)

VI. Operation instructions

开/关机 On/off	
开机 Turn on	① 打开充电盒上盖，耳机自动开机，或长按多功能按键 3 秒 ① Open the lid of the charging case, the headphones will turn on automatically; or press and hold the multifunctional button for 3s
关机 Turn off	①耳机放回充电盒关盖自动关机，或长按多功能按键 5 秒； ②无连接状态下，5 分钟自动关机； ① Put the headphones back into the charging case and close the lid, they will turn off automatically; or press and hold the multifunctional button for 5s ② The headphones will turn off automatically if not connected for 5min
音乐状态功能 Music function	
播放/暂停 Play/Pause	单击耳机多功能按键 Click the multifunctional button of the headphone
音 + Volume up	长按右耳多功能按键 1 秒 Press and hold the multifunctional button of the right headphone for 1s
音 - Volume down	长按左耳多功能按键 1 秒 Press and hold the multifunctional button of the left headphone for 1s
上一曲 Previous track	双击左耳多功能按键 Double-click the multifunctional button of the left headphone
下一曲 Next track	双击右耳多功能按键 Double-click the multifunctional button of the right headphone

通话状态功能 Call function	
接听/挂断电话 Answer/end call	单击耳机多功能按键 Click the multifunctional button of the headphone
拒接来电 Reject call	长按耳机多功能按键 2 秒 Press and hold the multifunctional button of the headphone for 2s
语音助手功能 Voice assistant	

唤醒语音助手 Activate voice assistant	三击耳机多功能按键 Triple-click the multifunctional button of the headphone
充电盒多功能按键功能说明 Case multifunctional button	
显示充电盒当前电 Display case battery level	单击充电盒多功能按键 Click the multifunctional button of the charging case
耳机强制进入待配对状态 Enter “ready for pairing” status	长按充电盒多功能按键 2 秒 Press and hold the multifunctional button of the charging case for 2s
耳机恢复出厂设置 Restore factory settings	长按充电盒多功能按键 7 秒 Press and hold the multifunctional button of the charging case for 7s
指示灯说明 Indicator light	
开机 Turn on	耳机白灯长亮 2 秒 Constant white headphone indicator for 2s
关机 Turn off	耳机橙灯长亮 2 秒 Constant orange headphone indicator for 2s
配对状态 Ready for pairing	主耳机橙白灯交替闪烁，副耳机白灯 5 秒闪一次 The main headphone indicator flashes orange and white alternatively, and the auxiliary headphone indicator flashes white every 5s
耳机充电 Charging the headphones	耳机橙灯长亮 Constant orange headphone indicator
充电仓给耳机充电 Charging the headphones via the charging case	充电盒白灯闪烁 5 秒后熄灭 Case indicator flashes white for 5s then goes out
给充电仓充电 Recharging the case	充电盒橙灯闪烁，充满电橙灯长亮 Case indicator flashes orange. When fully charged, it will be constant orange.

充电盒电 显示（ 充电盒多功能按 键按下时） Displaying case battery level (when the multifunctional button of the case is pressed down)	1. 电 31%-100%：白灯长亮 5 秒 2. 电 11%-30%：橙灯长亮 5 秒 3. 电 5%-10%：橙灯闪烁 5 秒(低电提示) 1. 31%-100%: constant white light for 5s 2. 11%-30%: constant orange light for 5s 3. 5%-10%: flashing orange light for 5s (low battery warning)
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7、常见问题

VII. FAQ

友情提示 1：请 周为充电盒充电一次，避免充电盒过度放电；友情提示 2：使用一段时间后，由于充电触点存在脏污或氧化，导致耳机无法充电甚至无法开机，您可以使用消毒棉签蘸取酒精擦拭耳机充电触点和充电盒充电触点来解决此问题；

Friendly reminder 1: Please recharge the charging case once a week to avoid over-discharge.

Friendly reminder 2: After using for a period of time, the charging contacts may get dirty or oxidized, thus the headphones cannot be charged or turned on. You can use a disinfection cotton swab dipped with alcohol to clean the charging contacts of the headphones and the charging pins of the charging case to solve this problem.

Q： 耳机连接不上如何解决？

A： ①有可能是耳机低电，请将两只耳机都放入充电盒充电，30 分钟后取出尝试重新搜索连接；

②若您是 IOS 系统，有可能是耳机没有及时回连您的手机，您可检查手机蓝牙列表中是否已存在设备名“Joyroom Openfree OE2”，请直接点击设备名连接；

③请检查耳机是否已 连接上了其他设备，请在其他设备上断开连接后再尝试重新搜索连接；

④若以上操作无效，您可以对耳机进行恢复出厂设置。

Q: Why can't the headphones be connected?

A: ① The headphones may be out of power. Please charge them for 30 minutes in the charging case before turning them on, and then search them for connection.

② If your phone uses iOS system, it may be that the headphones did not reconnect to your phone in time. You can check whether the device name "Joyroom Openfree OE2" is in the phone's BT list. If so, please directly click the device name for connection.

③ Check whether the headphones are connected to another device. If so, please disconnect with it and make a reconnection again.

④ If above operations failed, you can restore them to factory settings.

Q: 耳机单边无音如何解决?

A: ① 请将手机蓝牙列表中已连接的耳机配对名删除;

② 关闭手机蓝牙, 将两只耳机放入充电盒;

③ 30 秒后, 将耳机从充电盒取出, 重新开启手机蓝牙进行搜索配对; ④ 若以上操作无效, 您可以对耳机进行恢复出厂设置。

Q: Why only one headphone has sound?

A: ① Please delete the connected headphones' name from your phone' BT list.

② Turn off the phone's BT function, put the two headphones into the charging case.

③ After 30s, take out the headphones from the charging case, restart the phone's BT function, and then search and pair with the headphones again.

④ If above operations failed, you can restore them to factory settings.

Q: 耳机出现声音偏小的情况时如何解决?

A: ① 可能是手机的播放通道没有开启, 请打开手机蓝牙, 点击已连接的耳机右侧图标, 将“媒体通道和通话通道”都开启;

② 请打开手机的“设置”界面, 检查手机的声音设置是否限定了最大音;

③ 请查看两只耳机的出音孔和麦克风位置是否存在脏污, 如果您看到有任何脏污, 您可以使用消毒棉签擦拭干净后再使用耳机。

Q: Why is the sound of the headphones too low?

A: ① It may be that the playback channel of the phone is not turned on. You can turn on your phone's BT function, click the icon on the right side of connected headphones to open the media and call channel.

② Open the “Settings” interface of your phone, check if there is a maximum volume limit on the phone.

③ Check whether there is dirt in the audio out and microphone holes. If so, please wipe it clean with a disinfection cotton swab before using the headphones.

Q: 充电盒充不进电如何解决?

A: ① 可能充电接口没有接好, 请拔出重新连接充电线, 反复插拔几次, 将充电线插到位;

② 请使用符合 QI 认证的充电头搭配产品配线给充电盒充电, 请勿使用三无充电头, 否则可能会存在不兼容或损坏充电盒电池导致无法使用。

Q: Why can't the charging case be recharged?

A: ① The charging port and cable may not be connected properly, please pull the cable out and plug it in again repeatedly to make sure it is well connected.

② Please use a Qi-certified charger together with the included charging cable to recharge the charging case. Never use unguaranteed chargers which may be incompatible or damage the charging case.

安全准则

1. 请遵循本说明书的使用说明，勿以任何理由拆卸或改装产品，否则可能导致产品发生故障或烧毁；
2. 请勿将产品浸入任何液体或用水冲洗产品；
3. 请使用符合国家/地区安全性标准的适配器搭配充电配线给产品充电，否则容易造成产品电池损坏或发生危险；
4. 请在常温环境中使用和存放本产品，勿将产品置于温度过低或过高（0℃以下或者 45℃以上）的环境中；
5. 请勿堵塞产品的开口处，如充电口、指示灯口等；
6. 请避免过大音 或者过长时间使用产品，避免造成头晕或对听力造成伤害。
7. 请勿在雷暴天气下使用设备，雷暴可以导致产品工作不正常，信号中断等现象。

Safety Criteria

1. Please follow the instructions, do not disassemble the product or refit it for any reason, otherwise it may break down or burn down.
2. Do not immerse it in any liquid or wash it with water.
3. Please use adapters that conform to national/regional safety standards together with the included charging cable to charge the product, otherwise its battery may be damaged or cause safety problems.
4. Please use and store it in normal temperatures; too low or too high temperature (below 0℃ or above 45℃) is not permitted.
5. Do not block the openings of the product, such as charging port, indicator, etc.
6. Do not use it at high volume levels or for long periods of time to avoid dizziness or hearing damage.
7. Do not use it under thunderstorm which may lead to abnormal performance and signal interruption.

警告:在安装或操作本仪器之前，请参阅外部底部外壳上的电气和安全信息。警告:电池(电池或电池组)不能暴露在过度的热 中，如阳光，或类似火源。

WARNING: Before installing or operating the product, please refer to the electrical and safety information on the bottom of the shell.

WARNING: Never expose the battery (or battery pack) to excessive heat, such as sunlight or similar heat sources.

保修卡

用户姓名: _____ 用户电话: _____
用户地址(含邮编) _____ 购机日期: _____
发票编号: _____ 销售单位名称: _____
销售单位地址(含邮编): _____ 销售单位电话: _____
保修服务: _____

Warranty Card User

Name: _____
User Tel: _____
User address (with postcode): _____
Purchase date: _____
Invoice No.: _____
Dealer Name: _____
Dealer address (with postcode): _____
Dealer Tel: _____
Warranty service: _____

保修服务说明

A. 在正常使用本产品过程中,如果本产品出现非人为损坏的性能故障,自购买之日起,消费者享受免费保修服务。保修期为 12 个月。

B. 有下列情况之一,消费者不能享受免费保修权益:

- * 人为损坏;
- * 超过保修期;
- * 不能提供有效的购买凭证;
- * 未按说明书要求使用、维护、保养而造成产品损坏;
- * 未 授权,擅自拆卸、维修产品,或产品浸水; * 其他不可抗力造成的损坏。

Warranty service instructions:

A. If there is performance failure on this product and it's not caused by human error, we will provide a 12-month free warranty service for consumers from the date of purchase.

B. Warranty exceptions:

- * Human damage;
- * Expired the warranty period;
- * Failure to provide valid purchase certificate;

- * Product damage caused by failure to follow the use, maintenance and care instructions; * Product damage caused by disassembling or repairing the product without authorization, or immersing it in water;
- * Damage caused by force majeure.

FCC Caution :

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

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 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.

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.