

使用说明书

TWS 蓝牙耳机

充电指示灯

充电接口

耳机指示灯

动圈单元 (结构)

动圈单元一般指采用动圈式结构的发声单元上，线圈以电流驱动在磁场位置处随着信号频率而振动发声的装置。

[illegible]

- 1.产品名称: M79
- 2.蓝牙版本: Bluetooth 5.49
- 3.支持协议: AAC/SBC
- 4.支持距离: 10m
- 5.额定功率: 2.402GHz-2.480GHz
- 6.额定电压: 30Hz~20KHz
- 7.喇叭尺寸: φ10mm
- 8.喇叭灵敏度: 115dB • 3dB
- 9.充电时间: 2.5小时5%
- 10.额定输出功率: 5mW
- 11.充电电压: 3.7V/35mAh (聚合物电池)
- 12.充电电流: 3.7V/300mAh (聚合物电池)
- 13.充电接口: USB Type-C
- 14.充电(使用时间): >6-8小时
- 15.充电效率: 充电时间: <1.5小时
- 16.待机也有电时间: >1.5小时
- 17.充电后待机: 充电时间: <2次
- 18.充电时间: <1000小时

故障	原因	解决方法
不充电	耳机电量不足	对耳机进行充电
耳机指示灯不亮	耳机电量不足	对耳机进行充电
充电时提示充电失败	耳机没有良好接触	调整耳机放置的位置
自动关机	耳机电量不足	对耳机进行充电
耳机有杂音	音量太大或靠近大功率喇叭	调节音量或更换环境
耳机有杂音	外界干扰严重或距离手机太远	更换地点或靠近手机
对方听不到声音	耳机佩戴不正或音量太小	调节耳机的佩戴位置或音量
对方听不到声音	外界干扰严重或距离手机太远	选择无干扰的环境或靠近手机

1. 本次试验本产品, 请充满电再使用。
2. 本产品最低电压: 1.2V 以下儿组电压或成人禁止使用。
3. 请随时注意工厂规定的电压为 1.5V 或 1.6V 电压, 避免电压过高使电压过高损坏本产品。
4. 在安全的环境下使用, 应在安全的环境下使用, 避免造成火灾或触电事故, 避免在潮湿的环境下使用。
5. 本产品不适用于长时间使用, 充电时应使用 1.5V 或 1.6V 电压。
6. 本产品不适用于长时间使用, 充电时应使用 1.5V 或 1.6V 电压。
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12. 本产品不适用于长时间使用, 充电时应使用 1.5V 或 1.6V 电压。

13. 有明文规定禁止使用无线设备的场所，请勿使用本产品。否则会干扰其它电子设备或导致其它危险。

14. 靠近医疗及工业设备或驾飞机之前，请咨询当地工作人员能否使用。

15. 对本产品清洁和维护前，请停止使用本产品，关闭所有应用，并断开与其它设备的所有连接或线路。

16. 请遵循本地法令，正确处理废弃电子产品。不可将电子电气设施、部件、电池与其它生活垃圾一起丢弃。

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INSTRUCTION MANUAL

TWS Bluetooth earphones

The diagram illustrates the features of the Philips SHB9000 earbuds. On the left, a top-down view of the earbud shows the 'Charging compartment display' and the 'Magnetic Surface Device'. On the right, a side view of the earbud highlights the 'Function Key(Touch)' and the 'Headphone Indicator Light'. A small inset at the bottom left shows the earbud being worn in an ear. A text box at the bottom right provides instructions: 'Place the clip-on earbuds on the ear porch as if you were wearing ear clips. After putting it on, adjust the position of the earbuds and they adjust to the shape of the current position.'

[illegible][illegible]

- Support mode AAC/BC
- Bluetooth transmission distance: 10m
- Carrier frequency 2.403GHz-2.480GHz
- Frequency response range 20Hz-20KHz
- Horn size: $\phi 10mm$
- Horn sensitivity: $115dB \pm 3dB$
- Horn impedance: $32\Omega \pm 15\%$
- Charging time battery capacity: 3.7V/3000mAh (polymer battery)
- Charging interface: USB Type-C
- Headset use time: ≥ 6 hours
- Earphone single charging time: ≥ 1.5 hours
- Charging time: ≥ 1.5 hours
- Charge the headset About 2 times
- Shutdown standby time: ≥ 3000 hours

fault	cause	Resolution
Doesn't turn on	The headphones are low on battery	Charge the headphones
The headphones aren't working	The headphones are low on battery	Charge the headphones
Charging is slow	The headphones weren't put away	Adjust the position where the headphones are charged
Automatic power off	The headphones are low on battery	Charge the headphones
The headphones have an echo	The volume is too loud or the environment is too noisy	Adjust the volume or change the environment
There is a hum or buzz from the headphones	Excessive external interference or too far away from the phone	Change location or be close to your phone
The other party's voice is distorted	The headphones are worn incorrectly or the phone is too far away	Adjust the headset wear or volume
The signal is intermittent	Excessive external interference or too far away from the phone	Choose a distraction-free environment or be close to your phone

Before using the product for the first time, please fully charge it before using it.

1. **Charging:** The product is powered by a built-in lithium-ion battery. Please use the supplied USB Type-C cable to charge the product. The product will be fully charged when the LED indicator light turns off.

2. **Charging Precautions:** Please do not use the product while charging. Please do not use the product with a damaged power cable or a power source that is not certified by the manufacturer to avoid damage to the product caused by a faulty charging cable that supports fast charging.

3. **Prevent charging in a safe environment:** when charging the charging case, please pull out the charging cable and place the charging case in a safe place. Please do not charge the charging case in the following situations:

- Do not charge the product in a flammable or explosive environment, such as a gas station, a Type-C cable, etc.
- Do not charge the product in a place with a built-in non-removable rechargeable battery, and repeated charging and discharging of the battery will lead to a decrease in battery performance over time, which may cause the battery to overheat and catch fire.
- Do not charge the product with a healthy battery, if it has not been used for a long time, please charge the product for 2-3 hours before using it.
- Do not use the product in a place where you feel discomfort when wearing it due to individual differences, please stop using it.

4. **Bluetooth connection:** Please refer to the Bluetooth connection instructions in the user manual.

5. **When using the product with Bluetooth connection, please adjust the sound of the earphones to an appropriate volume to avoid hearing damage caused by long-time loud sound.**

6. **When using the product while engaging in activities that require concentration, you should pay attention to the surrounding environment, such as driving, walking, climbing stairs, driving, construction sites, railways, or water. You should remove your headphones or adjust the volume to a low level when driving to avoid any accidents caused by missing road signals.**

When using this product, avoid contact with water, steam, oil, grease, acids, alkalis, solvents, corrosive vapors, refrigeration, or using or plugging the product.

10. Do not use this product in an environment with a temperature of -5°C (23°F) or below. When the ambient temperature is below -5°C , battery performance is limited.

11. Do not use this product in places where it is expressly prohibited or use without permission. It may not interfere with other electronic equipment or cause other danger.

12. Before applying medical or industrial equipment or blowing a plane, turn off all power.

13. Before clearing and maintaining this product, stop using this product, turn off all power, and disconnect the battery.

14. Please dispose of waste electronic products properly in accordance with local laws and regulations, and do not dispose of electrical and electronic equipment, parts, batteries and other household waste.

warn

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FCC Statement

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.

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.

Caution: Any changes or modifications to this device not explicitly approved by manufacturer could void your authority to operate this equipment.

RF Exposure Information

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