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> perfell M2 Black Wireless Over-Ear Headphones User Manual

perfell M2

perfell M2 Black Wireless Over-Ear Headphones User Manual

MODEL: PF-M2

Thank you for choosing perfell M2 Wireless Over-Ear Headphones. This manual provides essential information for setup, operation, and maintenance.

[Introduction](#)

[What's in the Box](#)

[Features](#)

[Setup](#)

[Operating](#)

[Maintenance](#)

[Troubleshooting](#)

[Specifications](#)

1. Introduction

The perfell M2 Wireless Over-Ear Headphones are designed to provide a high-quality audio experience with advanced features for comfort and convenience. Featuring Bluetooth 5.4 technology, these headphones offer stable connectivity, long battery life, and immersive sound for various activities, from gaming to music listening.

2. What's in the Box

- perfell M2 Wireless Headphone
- User Manual
- USB-C Charging Cable
- 3.5mm Audio Cable

3. Key Features

- **Zero Latency & Stable Connection:** Powered by Bluetooth 5.4 technology, these wireless headphones deliver ultra-fast pairing and stable signal within 10 meters, perfect for gaming, calls, and seamless music

streaming.

- **All-Day Powerhouse:** A 400mAh battery provides 18-20 hours playtime on a single 2-hour charge (USB-C fast charging supported).
- **Studio-Grade Audio:** 40mm dynamic drivers with 96dB/mW sensitivity pump out crisp highs, punchy bass, and an immersive soundstage. Ideal for audiobooks and music.
- **Comfort Redefined:** Ultra-soft memory foam ear cushions and an adjustable headband ensure all-day comfort, with a lightweight design (220g) for portability.
- **Multi-Device Freedom:** Effortlessly switch between phone, laptop, and tablet with dual-device pairing. Built-in mic with noise reduction for clear calls anywhere.
- **Wireless or Wired:** Seamlessly switch between wireless Bluetooth freedom and reliable wired audio using the included detachable 3.5mm audio cable.



Image: Headphones highlighting HIFI Sound quality.



Image: An exploded diagram showing the 40mm speaker drivers and internal components for excellent audio output.

4. Setup

4.1 Charging the Headphones

Before first use, fully charge your perfell M2 headphones. Connect the provided USB-C charging cable to the charging port on the headphone and the other end to a USB power source. A full charge typically takes approximately 2 hours. The LED indicator will change to show charging status (refer to the LED indicator section in the included User Manual for details).



4.2 Bluetooth Pairing

1. **Power On:** Press and hold the Power button on the headphone for approximately 3 seconds until the LED indicator flashes blue and red, indicating pairing mode.
2. **Activate Bluetooth:** On your device (smartphone, tablet, laptop), enable Bluetooth.
3. **Select Device:** In your device's Bluetooth settings, search for available devices and select "PF-M2" (or similar, depending on your device's display).
4. **Connect:** Once selected, the headphones will connect, and the LED indicator will turn solid blue or flash blue slowly. You will hear an audible confirmation.
5. **Dual-Device Pairing:** To connect to a second device, ensure the first device's Bluetooth is off or disconnected from the headphones. Put the headphones back into pairing mode and connect to the second device. Then, re-enable Bluetooth on the first device; the headphones should automatically connect to both.

5. Operating Instructions

5.1 Power On/Off

- **Power On:** Press and hold the Power button for 3 seconds.
- **Power Off:** Press and hold the Power button for 3 seconds.

5.2 Volume and Track Control

The headphones feature dedicated buttons for volume adjustment and track navigation:

- **Volume Up:** Press the '+' button.
- **Volume Down:** Press the '-' button.
- **Next Track:** Long press the '+' button.
- **Previous Track:** Long press the '-' button.
- **Play/Pause:** Press the multi-function button (MFB) once.

5.3 Handling Calls

The built-in microphone with noise reduction allows for clear hands-free calls:

- **Answer Call:** Press the MFB once.
- **End Call:** Press the MFB once during a call.
- **Reject Call:** Long press the MFB.

5.4 Wired Mode

To use the headphones in wired mode, connect the included 3.5mm audio cable to the headphone's audio jack and your device's audio output. This mode is useful when the battery is depleted or for devices without Bluetooth connectivity.

5.5 Noise Control

The perfell M2 headphones feature Passive Noise Cancellation, which helps reduce ambient noise by physically blocking sound waves. This enhances your listening experience without active electronic processing.

6. Maintenance

- **Cleaning:** Wipe the headphones with a soft, dry cloth. Avoid using harsh chemicals or abrasive materials.
- **Storage:** When not in use, store the headphones in a cool, dry place. The foldable design allows for compact

storage.

- **Battery Care:** To prolong battery life, avoid fully discharging the headphones frequently. Charge them regularly, even if not used for extended periods.
- **Avoid Extreme Conditions:** Do not expose the headphones to extreme temperatures, humidity, or direct sunlight.

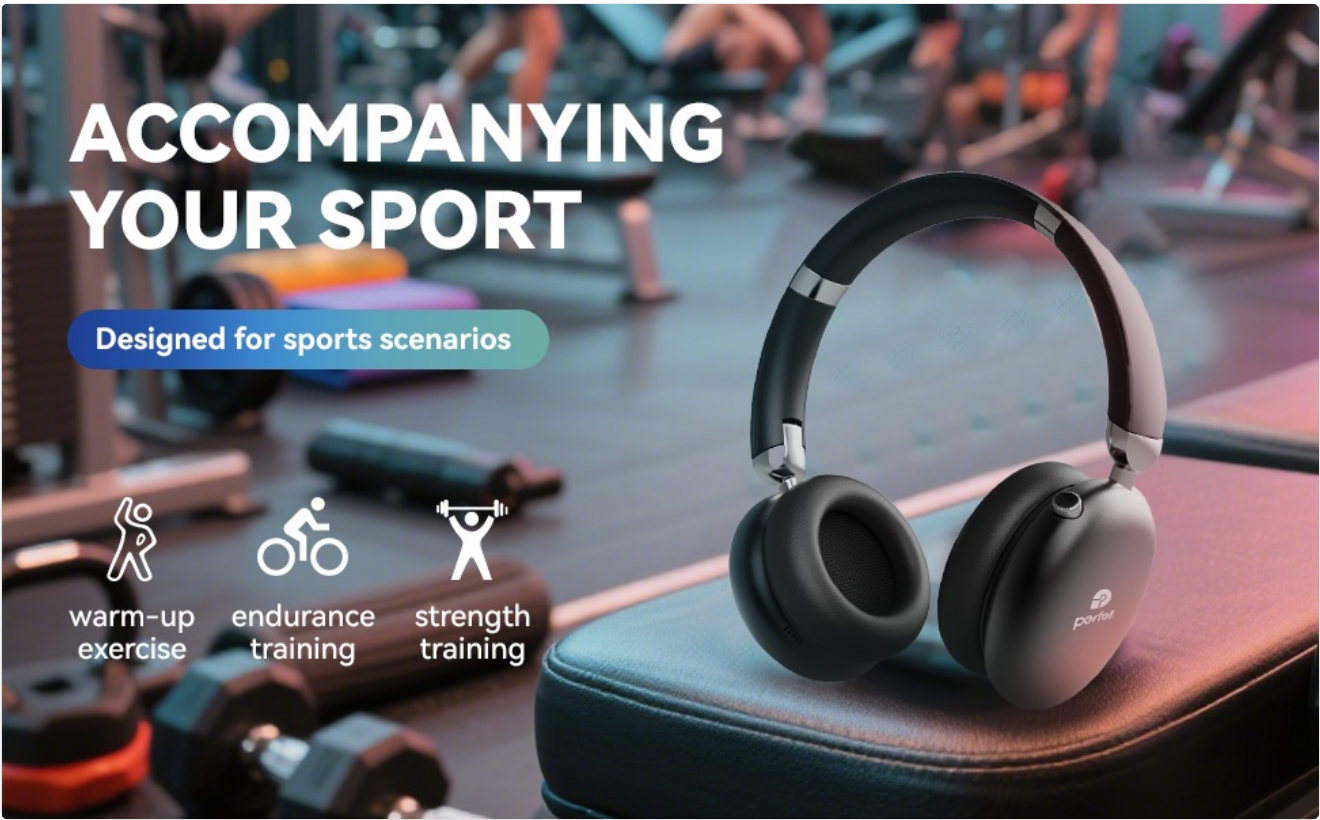


Image: Headphones demonstrating their flexible and foldable design for easy storage and portability.

7. Troubleshooting

- **No Power:** Ensure the headphones are charged. Connect to a USB-C charger and check the LED indicator.
- **Cannot Pair:** Ensure Bluetooth is enabled on your device and the headphones are in pairing mode (flashing blue/red LED). Try turning both devices off and on again.
- **Poor Sound Quality:** Check the volume levels on both the headphones and your connected device. Ensure there are no obstructions between the headphones and the device. If using wired mode, ensure the 3.5mm cable is fully inserted.
- **Intermittent Connection:** Move closer to your connected device to ensure you are within the 10-meter Bluetooth range. Avoid environments with strong electromagnetic interference.
- **Microphone Issues:** Ensure the microphone is not obstructed. Check your device's settings to confirm the headphones are selected as the input device for calls.

8. Specifications

Feature	Detail
Model Name	PF-M2
Connectivity Technology	Wired, Wireless (Bluetooth)
Wireless Communication Technology	Bluetooth 5.4

Bluetooth Range	10 Meters
Earpiece Shape	Over Ear
Noise Control	Passive Noise Cancellation
Audio Driver Type	Dynamic Driver (40mm)
Sensitivity	96 dB/mW (115 dB listed in specs, using feature bullet for clarity)
Frequency Response	20 KHz (20-20kHz listed in A+ content)
Impedance	32 Ohms
Battery Life	18-20 Hours Playtime (400mAh battery)
Charging Time	2 Hours (USB-C)
Headphones Jack	3.5 mm Jack
Item Weight	1.28 pounds (approx. 580g)
Material	Acrylonitrile Butadiene Styrene (ABS), Metal
Compatible Devices	Laptops, Desktops, Tablets, Telephones, Smartphones

9. Warranty and Support

For warranty information and customer support, please refer to the contact details provided in the packaging or visit the official perfell website. Keep your purchase receipt for any warranty claims.