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> perfell BH2 Wireless Bone Conduction Headphones User Manual

perfell PF-BH2

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Model: PF-BH2

INTRODUCTION

Thank you for choosing the perfell BH2 Wireless Bone Conduction Headphones. These open-ear headphones are designed to provide high-quality audio while keeping you aware of your surroundings, making them ideal for sports, outdoor activities, and daily use. This manual will guide you through the setup, operation, and maintenance of your new headphones.

WHAT'S IN THE BOX

Upon unboxing your perfell BH2 headphones, please ensure all items listed below are present:

- perfell BH2 Wireless Bone Conduction Headphones
- USB-C Charging Cable
- User Manual



PRODUCT OVERVIEW

The perfell BH2 headphones utilize bone conduction technology to deliver sound through your cheekbones, leaving your ears open to ambient sounds. Key features include:

- **Open-Ear Design:** Ensures situational awareness for safety during outdoor activities.
- **Bluetooth 5.3:** Provides stable and efficient wireless connectivity up to 10 meters.
- **Long Playtime:** Up to 12 hours of music playback on a single charge.
- **IPX5 Waterproof:** Resistant to sweat, rain, and splashes, suitable for workouts.
- **Lightweight & Secure Fit:** Weighing only 30g with an ear-hanging design for comfort and stability.
- **HD Microphone:** For clear calls with advanced call noise cancellation.
- **Flexible Design:** The headband is designed for durability and can be adjusted for a comfortable fit.



Image: The perfell BH2 headphones emphasizing wireless sound and open-ear freedom, with icons for endurance, battery, and Bluetooth distance.

BONE CONDUCTION HEADPHONES



PF-BH2



Power
Amplifier



Wireless 5.3
Version



12 Hours
Music Time



180mAh
Battery



Image: A detailed view of the perfell BH2 headphones, showcasing the bone conduction transducers and the overall design, accompanied by icons representing power amplifier, wireless 5.3 version, 12 hours music time, and 180mAh battery.



PERFELL ACOUSTICS: 20 YEARS OF SOUND INTEGRITY
CRAFTED IN MUNICH | PERFECTED GLOBALLY

LOGO WITH "INFINITE" AS THE CORE CREATIVITY. THE INFINITY SYMBOL REPRESENTS ENDLESS EXPLORATION AND DEVELOPMENT, SYMBOLIZING THE PURSUIT OF EXCELLENCE TO CREATE PERFECT PRODUCTS, AS WELL AS THE INFINITELY BEAUTIFUL FUTURE OF THE ENTERPRISE. THE INFINITY SYMBOL IS COMPOSED OF TWO PARTS: ONE REPRESENTS HUMAN WISDOM AND WARMTH, WHILE THE OTHER EMBODIES THE INNOVATION AND POWER OF SCIENCE AND TECHNOLOGY. TOGETHER, THEY SIGNIFY THE MUTUAL PROMOTION AND COOPERATION BETWEEN HUMANS AND TECHNOLOGY, ALONG WITH THE CO-CREATION AND WIN-WIN SITUATION BETWEEN THE ENTERPRISE AND ITS CUSTOMERS. ITS DYNAMIC SHAPE, SMOOTH LINES, AND BIDIRECTIONAL FLOW FORM A COMPLETE CHAIN, SYMBOLIZING THE ENTERPRISE'S ABILITY TO INTEGRATE DIVERSE RESOURCES, DRIVE INNOVATION ACROSS THE ENTIRE CHAIN, CREATE RICH AND DIVERSE PRODUCTS, AND BUILD A MULTI-DIMENSIONAL ECOLOGY.

Image: The perfell BH2 headphones bent to illustrate their super flexibility and durability, ensuring a comfortable and adjustable fit.

SETUP

1. Charging the Headphones

Before first use, fully charge your perfell BH2 headphones. Use the provided USB-C charging cable to connect the headphones to a compatible USB power source. A full charge takes approximately 2 hours and provides up to 12 hours of continuous music playback.

WORKING

HOURS

8-10h



180mAh
Battery Capacity



3.7V
Charging Voltage

Image: The perfell BH2 headphones illustrating their working hours (8-10h) and battery capacity (180mAh, 3.7V charging voltage).

2. Bluetooth Pairing

1. **Power On:** Press and hold the power button on the headphones until you hear a voice prompt indicating "Power On" and the LED indicator flashes.
2. **Enter Pairing Mode:** Continue holding the power button for a few more seconds until the LED indicator flashes red and blue alternately, indicating pairing mode.
3. **Activate Bluetooth on Your Device:** On your smartphone, tablet, or other Bluetooth-enabled device, go to the Bluetooth settings and turn Bluetooth on.
4. **Select "PF-BH2":** In the list of available devices, select "PF-BH2" to connect. Once connected, the LED indicator will turn solid blue, and you will hear a "Connected" voice prompt.
5. **Dual-Device Pairing:** The headphones support dual-device pairing. To connect to a second device, disconnect from the first, enter pairing mode again, and connect to the second device. The headphones will remember both devices.



Image: The perfell BH2 headphones displayed next to a smartphone showing Bluetooth settings, illustrating the Bluetooth 5.3 chip, 10m connection distance, and 110dB sensitivity.

OPERATING INSTRUCTIONS

Basic Controls

- **Power On/Off:** Press and hold the power button for 3 seconds.
- **Play/Pause:** Short press the multi-function button (often the power button or a dedicated play/pause button).
- **Volume Up/Down:** Use the dedicated volume buttons (+/-).
- **Next Track:** Long press the Volume Up button.
- **Previous Track:** Long press the Volume Down button.

Call Management

- **Answer/End Call:** Short press the multi-function button.
- **Reject Call:** Long press the multi-function button.
- **Voice Assistant:** Double-press the multi-function button to activate your device's voice assistant (Siri, Google Assistant, etc.).

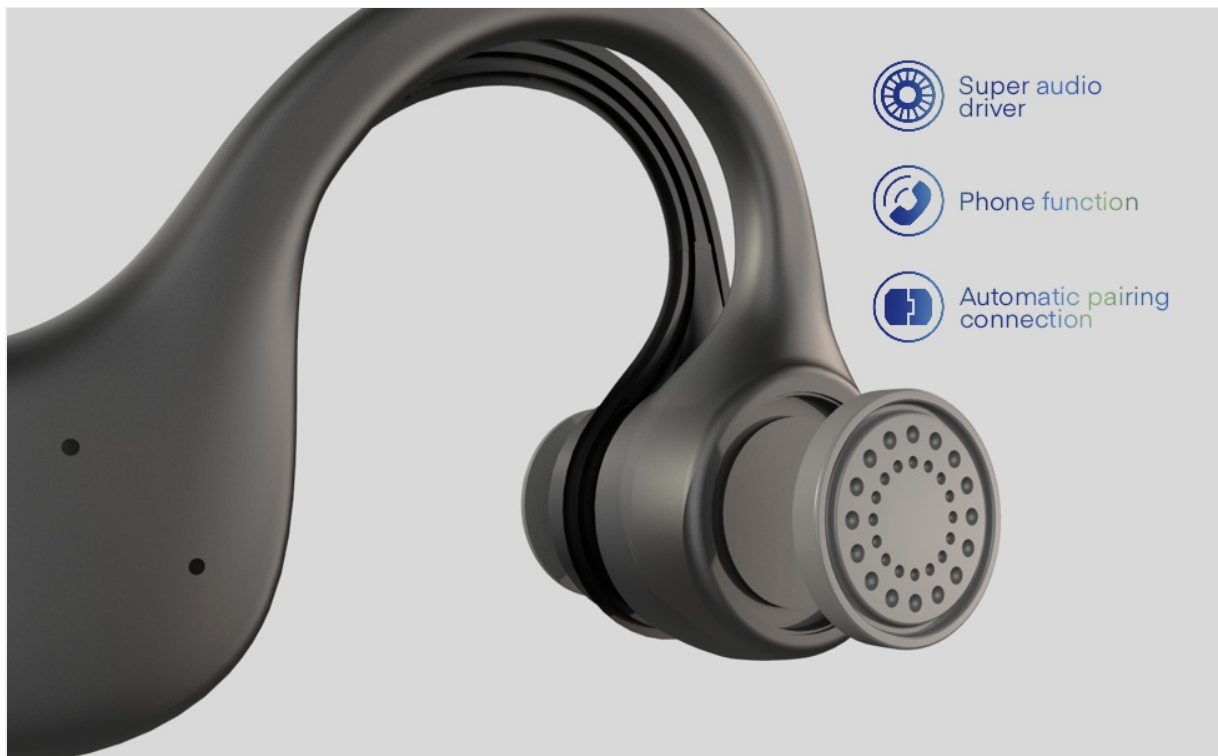


Image: A woman wearing the perfell BH2 headphones in a gym, demonstrating their use during physical activity while allowing for clear listening.

MAINTENANCE

- **Cleaning:** Wipe the headphones with a soft, damp cloth. Avoid using harsh chemicals or abrasive materials.
- **Storage:** Store the headphones in a cool, dry place away from direct sunlight and extreme temperatures.
- **Water Resistance:** The headphones are IPX5 waterproof, meaning they can withstand sweat and light splashes. Do not submerge them in water. Ensure the charging port is dry before charging.
- **Battery Care:** To prolong battery life, avoid fully discharging the headphones frequently. Charge them regularly, even if not in use for extended periods.

TROUBLESHOOTING

Problem	Solution
Cannot power on	Ensure the headphones are fully charged. Press and hold the power button for at least 3 seconds.
Cannot pair with device	Make sure Bluetooth is enabled on your device. Ensure the headphones are in pairing mode (LED flashing red and blue). Move the headphones closer to your device (within 10 meters). Forget "PF-BH2" from your device's Bluetooth list and try pairing again.
No sound or low volume	Adjust the volume on both the headphones and your connected device. Ensure the headphones are properly positioned on your cheekbones. Check if the headphones are connected to the correct device.

Problem	Solution
Poor call quality	Ensure the microphone is not obstructed.
	Move to an area with less background noise.
	Check your device's network connection.

SPECIFICATIONS

Feature	Detail
Model Name	PF-BH2
Connectivity Technology	Wireless (Bluetooth)
Bluetooth Version	5.3
Bluetooth Range	10 Meters
Battery Life	12 Hours (Music Playback)
Charging Time	2 Hours
Water Resistance Level	IPX5 Waterproof
Item Weight	30 Grams (1.06 ounces)
Audio Driver Type	Bone Conduction Driver
Frequency Response	20-20KHz
Sensitivity	115 dB
Material	Acrylonitrile Butadiene Styrene (ABS)
Compatible Devices	Laptops, Smartphones, Tablets



Image: The perfell BH2 headphones illustrating their 20-20KHz frequency response, suitable for various music types.

WARRANTY AND SUPPORT

Specific warranty information is not provided in the product details. For warranty claims, technical support, or further assistance, please contact the manufacturer, perfell, directly through their official website or the retailer where the product was purchased. Please retain your proof of purchase for any warranty-related inquiries.