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› [IDEAPLAY BCH-20 Bone Conduction Open Ear Wireless Headphones User Manual](#)

IDEAPLAY BCH-20

IDEAPLAY BCH-20 Bone Conduction Open Ear Wireless Headphones User Manual

Model: BCH-20 | Brand: IDEAPLAY

1. IMPORTANT SAFETY INFORMATION

Please read and understand all safety instructions before using the IDEAPLAY BCH-20 headphones. Failure to follow these guidelines may result in injury or damage to the device.

- The headphones should be stored in a cool and dry place.
- Working temperature should be between 32°F - 113°F (0°C - 45°C).
- DO NOT use the headphones while driving or riding, as this may distract you and lead to accidents.
- Clean the headphones with a soft, dry cloth only.
- Children should use this device under the supervision of adults.
- Charge the headphones before initial use or if they have been kept idle for a long period.
- Do not immerse the headphones in water. While they are drip resistant (IP55), they are not completely waterproof.
- High volume may cause sound distortion and damage your hearing. Use at moderate volumes.
- Keep the headphones away from hard and sharp objects to prevent damage.
- Do not charge the headphones immediately after exercise. Ensure the charging port is dry prior to charging to reduce the risk of damage to the circuit from residual sweat.

2. PRODUCT OVERVIEW

The IDEAPLAY BCH-20 are bone conduction open-ear wireless headphones designed for comfort and situational awareness during various activities.

Key Features:

- **Bone Conduction Technology:** Sound is transmitted through your cheekbones, bypassing the eardrums, which minimizes hearing damage and allows for open-ear listening.
- **Situational Awareness:** The open-ear design ensures you can hear ambient sounds, enhancing safety during outdoor activities like running or cycling.
- **Long Battery Life:** Up to 8 hours of continuous music, calls, and podcasts on a single charge.
- **Fast Charging:** Fully charges in approximately 2 hours.
- **IP55 Water Resistance:** Resistant to light rain and sweat, suitable for workouts and outdoor use.
- **Bluetooth 5.1:** Provides stable and efficient wireless connectivity.
- **Built-in Microphone:** Enables clear hands-free calls.



Figure 2.1: The IDEAPLAY BCH-20 headphones deliver clear sound and rich bass via bone conduction technology.

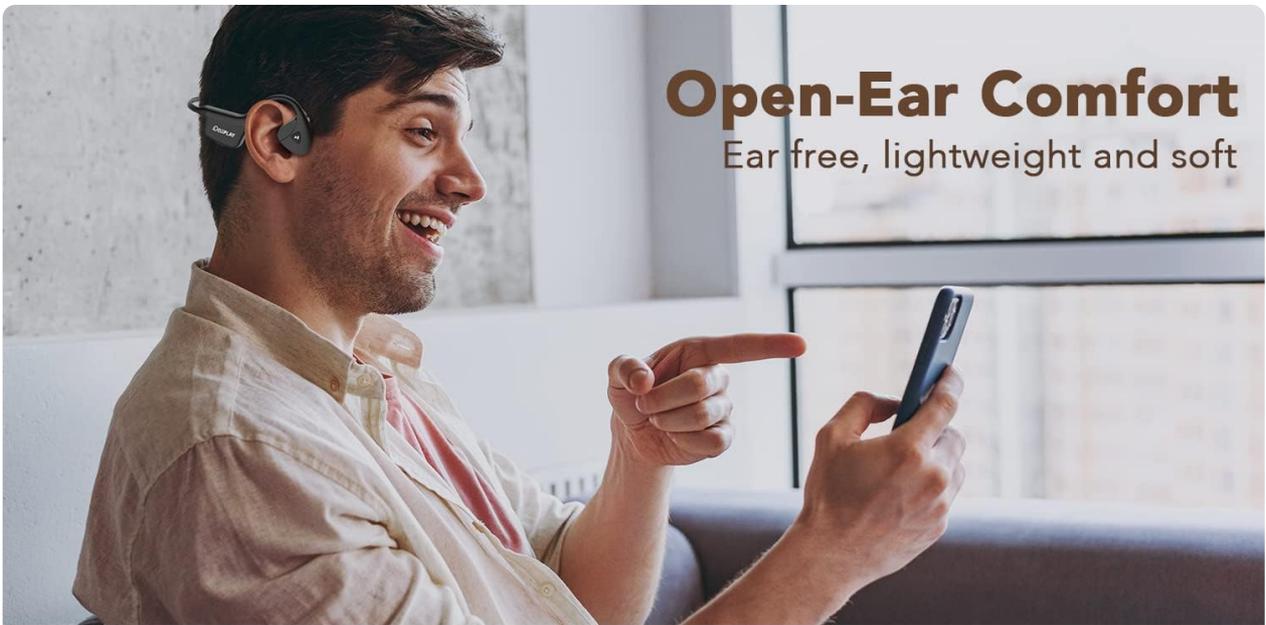


Figure 2.2: The open-ear design ensures comfort and allows awareness of surroundings.

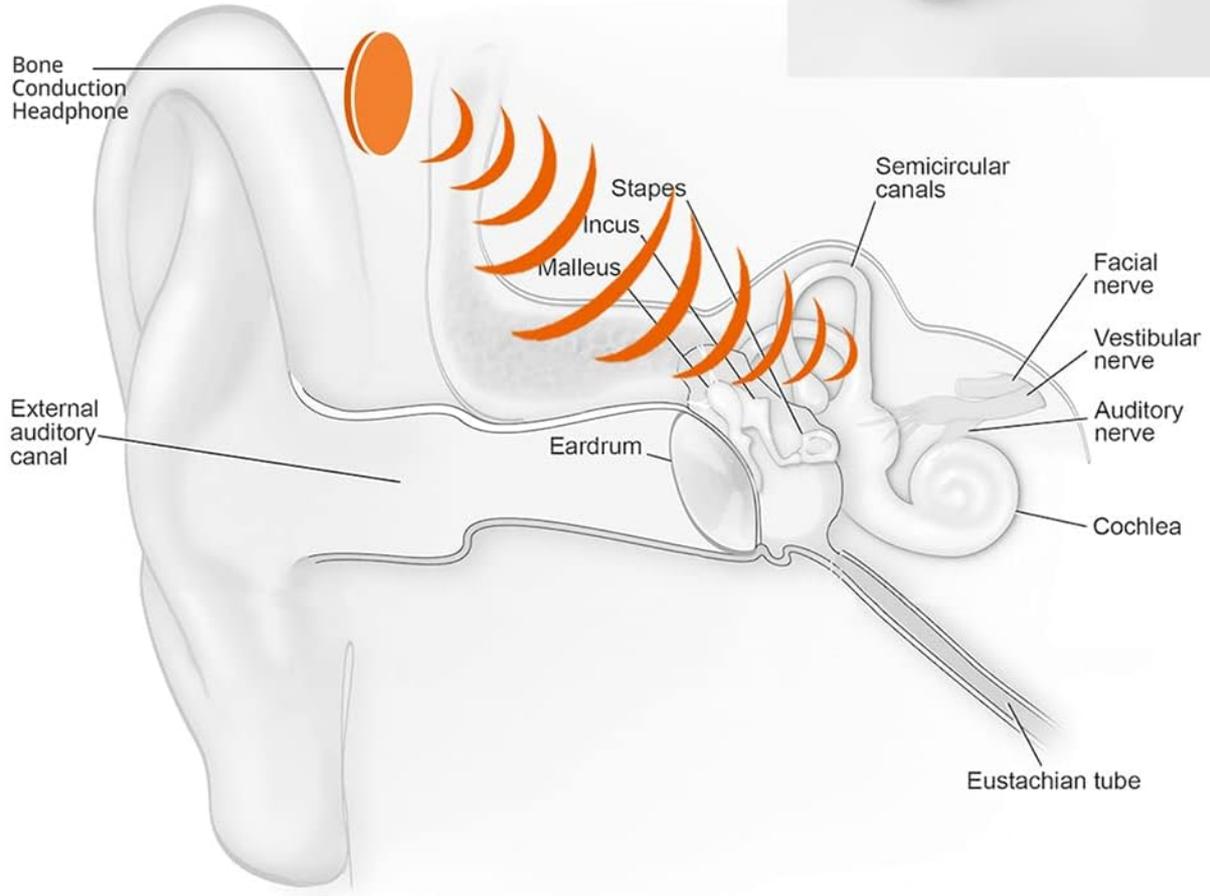


Figure 2.3: Bone conduction technology transmits sound directly to the inner ear via vibrations.

Your browser does not support the video tag.

Video 2.1: An official video demonstrating the features and use of IDEAPLAY Bone Conduction Headphones.

3. PACKAGE CONTENTS

The IDEAPLAY BCH-20 package includes the following items:

- IDEAPLAY BCH-20 Bone Conduction Headphones
- Charging Cable (USB-A to USB-C)
- Earplugs (1 set)
- User Manual (this document)

4. SETUP INSTRUCTIONS

Follow these steps to set up your IDEAPLAY BCH-20 headphones for the first time:

1. **Charge the Headphones:** Before first use, fully charge the headphones using the provided USB-C charging cable. Connect the cable to the charging port on the headphones and a compatible USB-A power source. The indicator light will show charging status and turn off when fully charged.
2. **Power On:** Press and hold the multifunction button for approximately 5 seconds until you hear a voice prompt "Power On" and the indicator light flashes.
3. **Pairing Mode:** The headphones will automatically enter pairing mode, indicated by alternating red and blue flashing lights.
4. **Connect via Bluetooth:** On your device (smartphone, tablet, etc.), go to the Bluetooth settings and scan for new devices. Select "iDeaPlay BCH-20" from the list of available devices. Once connected, you will hear a confirmation tone or voice prompt.
5. **Adjust for Comfort:** Place the headphones so the transducers rest comfortably on your cheekbones, just in front of your ears. Adjust the band for a secure fit.



Figure 4.1: Powering on the headphones.

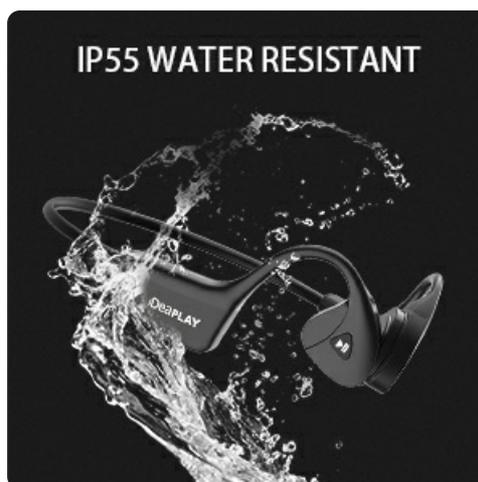


Figure 4.2: Connecting via Bluetooth.



Figure 4.3: Proper placement for optimal sound and comfort.

5. OPERATING INSTRUCTIONS

The IDEAPLAY BCH-20 headphones feature a multifunction button (MFB) for controlling various functions.

Multifunction Button (MFB) Controls:

- **Play/Pause Music:** Click the MFB once.
- **Answer/End Call:** Click the MFB once.
- **Reject Call:** Double-click the MFB.
- **Next Track:** Double-click the MFB.
- **Previous Track:** Triple-click the MFB.
- **Voice Assistant:** Press and hold the MFB for 2 seconds.

Volume control is managed directly from your connected device.

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Figure 5.1: Location of the Multifunction Button (MFB).

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Figure 5.2: MFB control diagram for music and call management.

6. MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your IDEAPLAY BCH-20 headphones.

- **Cleaning:** Use a soft, dry cloth to clean the headphones. Avoid using harsh chemicals or abrasive materials.
- **Storage:** Store the headphones in a cool, dry place away from direct sunlight and extreme temperatures.
- **Charging Port:** Always ensure the charging port is dry before connecting the charging cable, especially after exercise or exposure to moisture.
- **Water Exposure:** While IP55 rated for sweat and light rain, avoid submerging the headphones in water.

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Figure 6.1: The headphones are IP55 water resistant, suitable for sweat and light rain.

7. TROUBLESHOOTING

If you encounter issues with your IDEAPLAY BCH-20 headphones, try the following common troubleshooting steps:

- **No Power:** Ensure the headphones are fully charged. Connect them to the charging cable and a power source.
- **Cannot Pair:** Make sure the headphones are in pairing mode (alternating red and blue lights). Turn off and on your device's Bluetooth, then try scanning again. Ensure the headphones are not already connected to

another device.

- **No Sound:** Check the volume levels on both the headphones (via your connected device) and the source device. Ensure the headphones are successfully paired.
- **Poor Sound Quality:** Ensure the headphones are positioned correctly on your cheekbones. Move closer to your connected device to avoid interference.
- **Intermittent Connection:** Ensure there are no obstacles between the headphones and your device. Keep within the Bluetooth range (up to 10 meters).

8. SPECIFICATIONS

Detailed technical specifications for the IDEAPLAY BCH-20 headphones:

Feature	Specification
Model Name	BCH-20
Brand	IDEAPLAY
Connectivity Technology	Wireless (Bluetooth)
Wireless Communication Technology	Bluetooth 5.1
Bluetooth Range	10 Meters
Audio Driver Type	Bone Conduction Driver
Ear Placement	Open Ear
Form Factor	Open Ear
Water Resistance Level	IP55 (Waterproof)
Charging Time	2 Hours
Battery Life	6-8 Hours (depending on usage)
Control Type	Media Control (Touch)
Microphone	Included
Material	Titanium
Item Weight	8.4 ounces
UPC	810052541396

9. WARRANTY AND SUPPORT

Specific warranty details for the IDEAPLAY BCH-20 headphones are not provided within this manual. For warranty information, technical support, or customer service inquiries, please refer to the product packaging or contact IDEAPLAY directly through their official website or customer support channels.

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