POLVCDG BDAMX-1FMC82

POLVCDG Bone Conduction Headphones User Manual

Model: BDAMX-1FMC82
Brand: POLVCDG

1. INTRODUCTION

Thank you for choosing POLVCDG Bone Conduction Headphones. These open-ear headphones are designed to provide a unique audio experience while maintaining environmental awareness, making them ideal for sports, workouts, hiking, and cycling. Featuring IPX6 waterproofing, clear call quality with ENC noise reduction, and a long-lasting battery, these headphones offer comfort and performance for your active life.

Image 1.1: The POLVCDG Bone Conduction Headphones in green, showcasing their open-ear design.

2. WHAT'S IN THE BOX

Upon opening your package, please ensure all the following items are included:

- Bone Conduction Headset x 1
- Charging Cable (Type-C) x 1
- Adjustable Elastic Band x 1
- User Manual x 1

3. SETUP GUIDE

3.1 Charging the Headphones

Before first use, fully charge your headphones. The headphones feature a Type-C charging port for quick and convenient power replenishment.

- Connect the provided Type-C charging cable to the charging port on the headphones.
- Connect the other end of the cable to a USB power adapter (not included) or a computer's USB port.
- The LED indicator will show charging status (refer to specific light patterns in the manual for details).
- A full charge typically takes approximately 2 hours, providing up to 10 hours of music playback or call time.
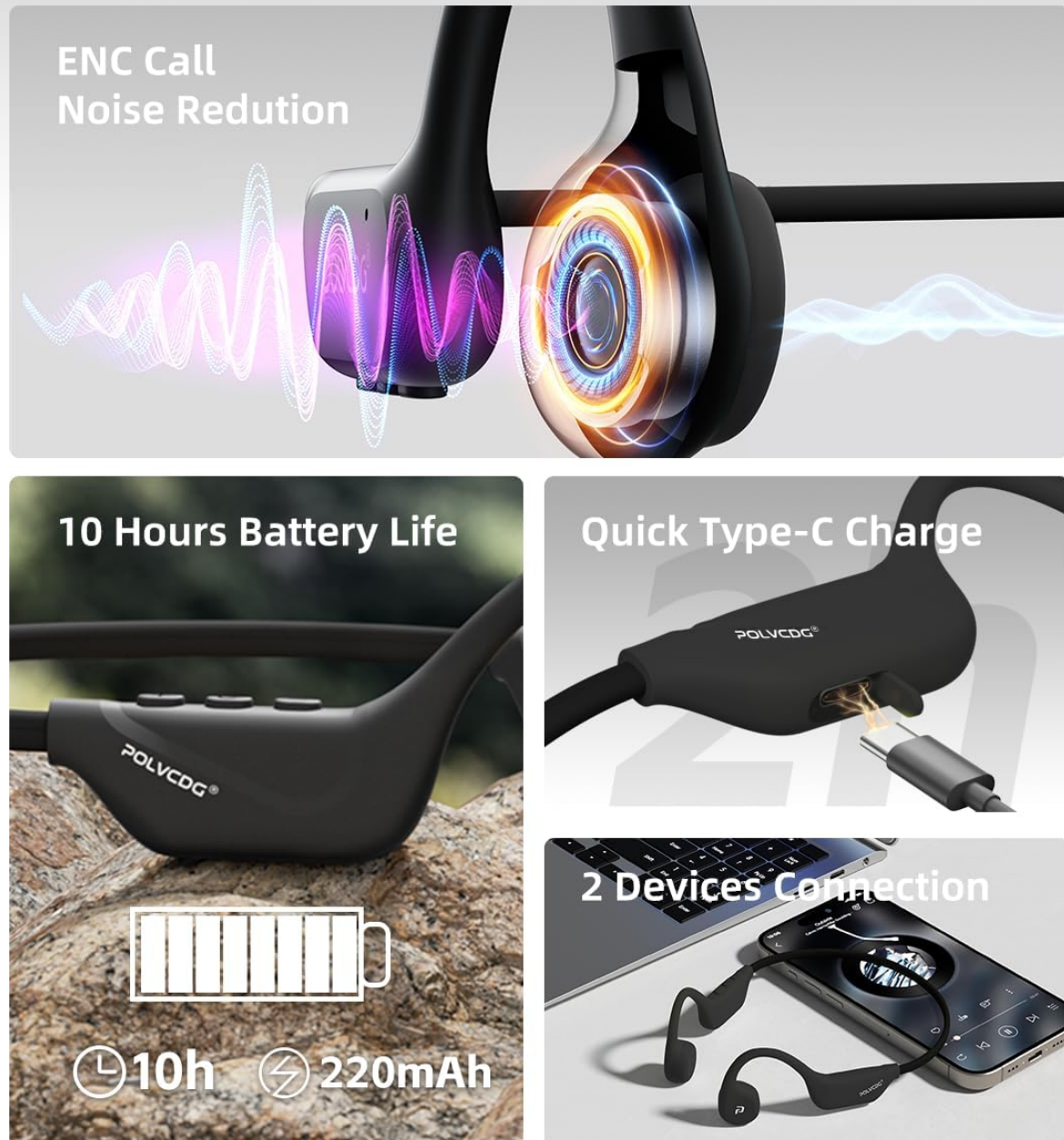
Image 3.1: Visual representation of the Type-C charging port and other key features like ENC and battery life.

3.2 Bluetooth Pairing

To connect your headphones to a device:

1. Ensure the headphones are powered off.
2. Press and hold the power button until the LED indicator flashes (e.g., blue and red alternately), indicating pairing mode.
3. On your device (smartphone, tablet, computer), enable Bluetooth and search for available devices.
4. Select "POLVCDG BDAMX-1FMC82" (or similar name) from the list of found devices.
5. Once connected, the LED indicator will typically show a solid blue light or flash slowly.

The headphones support connection to two devices simultaneously, allowing seamless switching between them.

3.3 Wearing the Headphones

The flexible titanium frame is designed for a secure and comfortable fit. Place the transducers on your cheekbones, just in front of your ears, with the band resting behind your head. The lightweight design (29 grams) ensures fatigue-free wear.

Image 3.2: Details on the lightweight and secure fit of the headphones, highlighting the flexible titanium frame.

4. OPERATING INSTRUCTIONS

4.1 Basic Controls

The headphones feature intuitive button controls for various functions:

- **Power On/Off:** Press and hold the power button.
- **Play/Pause:** Press the multi-function button once.
- **Volume Up/Down:** Use the dedicated volume buttons.
- **Next Track:** Press and hold the volume up button (or specific button combination).
- **Previous Track:** Press and hold the volume down button (or specific button combination).

4.2 Call Management

The integrated microphone with ENC (Environmental Noise Cancellation) ensures clear calls even in noisy environments.

- **Answer/End Call:** Press the multi-function button once during an incoming call or active call.
- **Reject Call:** Press and hold the multi-function button during an incoming call.
- **Voice Assistant:** Double-press the multi-function button to activate your device's voice assistant.

4.3 Audio Experience

Equipped with 16mm drivers and MFR-TURBO Digital Audio Enhancement Technology, these headphones deliver rich, high-fidelity sound for music and podcasts.

New Gen "MFR-TURBO" Digital Audio Enhancement Tech.

Image 4.1: An exploded view illustrating the advanced internal components, including the 16mm drivers and MFR-TURBO technology, responsible for enhanced audio quality.
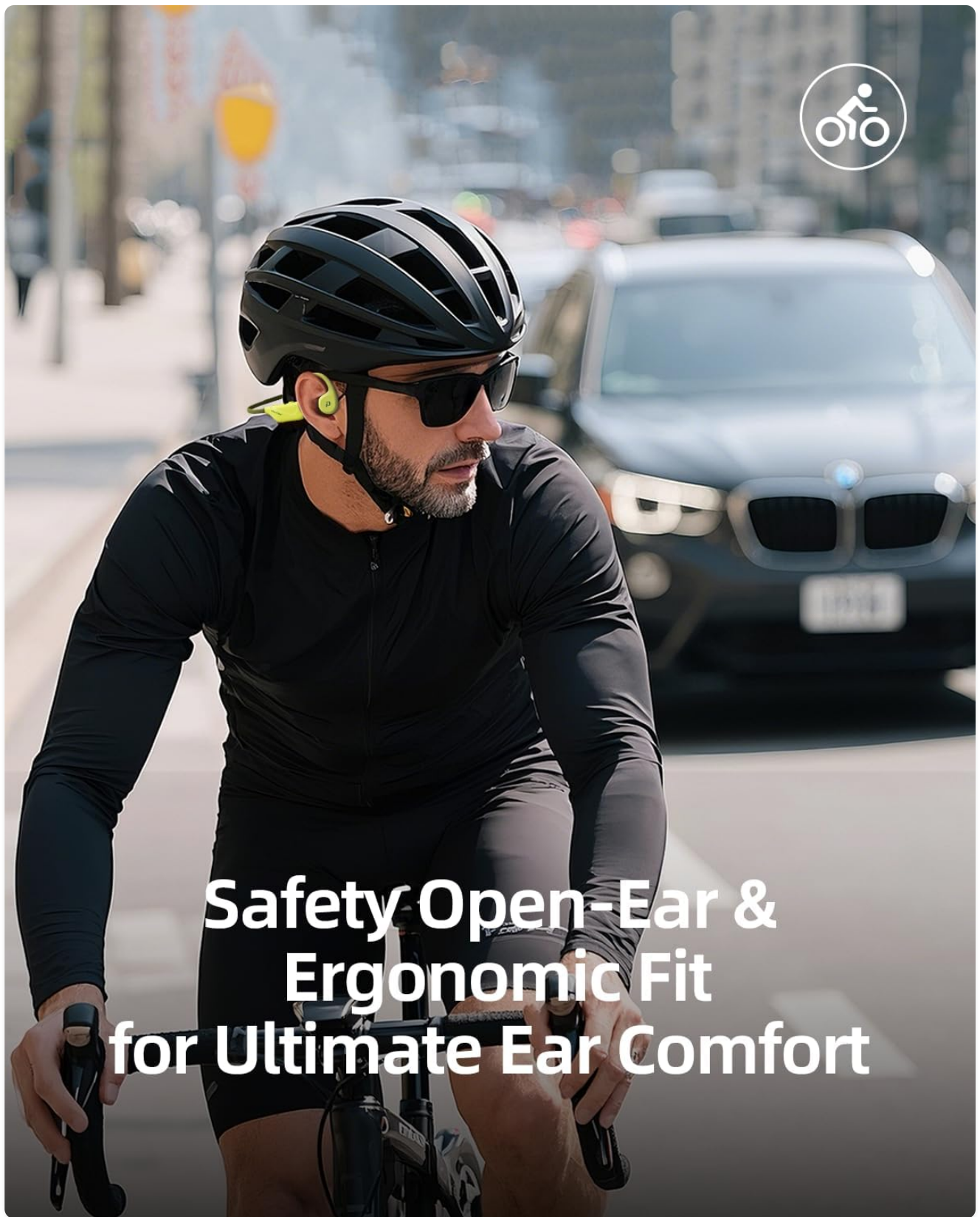
Image 4.2: A cyclist demonstrating the open-ear design, which allows for environmental awareness during activities.

5. MAINTENANCE

5.1 Cleaning

To maintain the longevity and hygiene of your headphones:

- Wipe the headphones with a soft, damp cloth after each use, especially after workouts.
- Avoid using harsh chemicals or abrasive materials.
- Ensure the charging port is dry before connecting the charging cable.

5.2 Waterproofing

The headphones are IPX6 waterproof, meaning they are resistant to sweat and splashes from any direction. This makes them suitable for various outdoor activities and workouts.

Image 5.1: The headphones are shown with water resistance, highlighting their IPX6 waterproof rating for sweat and rain.

NOTE: These headphones are not designed for swimming or prolonged underwater use. Do not submerge them in water.

6. TROUBLESHOOTING

If you encounter any issues with your headphones, please refer to the following common solutions:

Problem	Possible Solution
Headphones do not power on	Ensure the headphones are fully charged. Connect to a power source and check the charging indicator.
Cannot pair with device	Ensure Bluetooth is enabled on your device. Place headphones in pairing mode. Move closer to the device. Clear previous Bluetooth connections on your device.
No sound or low volume	Check headphone and device volume levels. Ensure headphones are properly connected. Try re-pairing.
Poor call quality	Ensure microphone is not obstructed. Move to a quieter environment. Check network signal on your phone.

If the issue persists after trying these steps, please contact our customer support team for further assistance.

7. SPECIFICATIONS

Feature	Detail
Model Name	BDAMX-1MN82
Item Model Number	BDAMX-1FMC82
Connectivity Technology	Wireless (Bluetooth)
Wireless Communication Technology	Bluetooth
Noise Control	Environmental Noise Cancellation (ENC)
Frequency Response	20 KHz
Sensitivity	90 dB
Impedance	8 Ohm
Ear Placement	Open Ear
Form Factor	Over Ear
Waterproof Rating	IPX6
Battery Life	Up to 10 hours
Charging Time	2 Hours

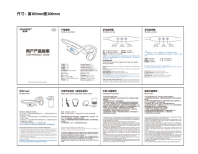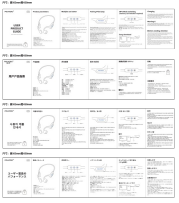| Feature	Detail
Control Type	Button Control
Material	Plastic, Rubber
Item Weight	7.2 ounces (approx. 29 grams for the headset itself)
Product Dimensions	5.27 x 2.32 x 6.1 inches
Manufacturer	POLVCDG
Country of Origin	China

8. WARRANTY AND SUPPORT

Your POLVCDG Bone Conduction Headphones come with a manufacturer's warranty. For any product-related inquiries, technical support, or warranty claims, please contact our dedicated customer support team. We are committed to assisting you within 12 hours.

For the most up-to-date support information, please visit the official POLVCDG store or contact us via the platform where you purchased the product.

Thank you for choosing POLVCDG.

Related Documents - BDAMX-1FMC82

	[POLVCDG S10 Bone Conduction Swimming Headphones User Guide & Warranty](#) Official user guide and warranty information for the POLVCDG S10 bone conduction headphones. Learn about features, operation, charging, precautions, and warranty terms for these waterproof, wireless, MP3-enabled sports earbuds.
	[POLVCDG X7 Bone Conduction Swimming Headphones User Guide](#) Comprehensive user guide for the POLVCDG X7 bone conduction swimming headphones, covering product specifications, features, controls, operating instructions, pairing, charging, file transfer, and important precautions.
	[POLVCDG X7 Bone Conduction Swimming Headphones User Guide | IPX8 Waterproof Bluetooth 5.3](#) Comprehensive user guide for the POLVCDG X7 bone conduction swimming headphones. Learn about features, pairing, controls, AI voice control, MP3 mode, charging, and important precautions for this IPX8 waterproof Bluetooth 5.3 device.

	[POLVCDG X15 Bone Conduction Sports Earphones User Guide](#) Comprehensive user guide for POLVCDG X15 bone conduction sports earphones, covering product specifications, features, operation, pairing, charging, song download, warnings, and FCC compliance.
	[POLVCDG X7 Bone Conduction Bluetooth Earphone: User Manual and Warranty](#) This document provides operating instructions, pairing guides, AI voice control features, product parameters, care instructions, and warranty information for the POLVCDG X7 Bone Conduction Bluetooth Earphone.
	[POLVCDG X16 Bone Conduction Bluetooth Earphones User Manual & Warranty](#) Comprehensive user manual and warranty information for the POLVCDG X16 bone conduction Bluetooth earphones. Features include IPX8 waterproofing, Bluetooth 5.4, voice control, and MP3 playback.