

oleap P100b

oleap Pilot P100b Open-Ear Bluetooth Headset

User Manual

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1. PRODUCT OVERVIEW

The oleap Pilot P100b is an open-ear Bluetooth headset designed for clear communication and comfortable wear. It features advanced noise-canceling technology for calls, a flexible boom microphone, and a lightweight design suitable for extended use.

Oleap Pilot P100b

Open Ear AI Noise Canceling Headphones



Call Noise Elimination



Mute Button



Bluetooth 5.3



Figure 1.1: oleap Pilot P100b Open-Ear AI Noise Canceling Headphones in use.

1.1 Package Contents

Ensure all items are present in your package:

- oleap Pilot P100b Open-Ear Bluetooth Headset
- USB Charging Cable

- User Manual
- Optional: USB-A or USB-C Dongle (depending on model variant)
- Optional: Headset Stand (depending on model variant)

Video 1.1: Unboxing the oleap Pilot P100b headset and optional charging stand. This video demonstrates the contents of the standard edition package and the separate charging stand.

1.2 Controls and Components



Figure 1.2: Key controls and components of the oleap Pilot P100b headset.

- **Power Key**: Press and hold for 3 seconds to power on/off. Press and hold for 5 seconds when powered off to enter Bluetooth pairing mode.
- **Volume -**: Click to decrease volume. Long press for previous song.
- **Volume +**: Click to increase volume. Long press for next song.
- **Mute Key**: Click to mute/unmute the microphone during a call. When muted, you will hear "MUTED" from the headset. This button can also access your phone's voice assistant.
- **Rotatable Microphone (270°)**: Adjust the boom microphone for optimal voice pickup during calls or recording. Ensure it is positioned near your mouth.
- **USB-C Charging Port**: Located on the control module for charging the headset.

2. SETUP

2.1 Charging the Headset

Before first use, fully charge your oleap Pilot P100b headset.

1. Connect the provided USB charging cable to the USB-C port on the headset.
2. Connect the other end of the cable to a USB power source (e.g., computer, wall adapter).
3. The LED indicator on the headset will show charging status. It typically takes 1 hour for a full charge, providing up to 16 hours of listening or 10 hours of talk time. A 10-minute quick charge provides approximately 5 hours of talk time.



Figure 2.1: The oleap Pilot P100b headset connected to its charging stand (optional accessory).

2.2 Bluetooth Pairing

To connect your headset to a device:

1. Ensure the headset is powered off.
2. Press and hold the **Power Key** for 5 seconds until the LED indicator flashes red and blue alternately, indicating pairing mode.
3. On your device (smartphone, computer, etc.), enable Bluetooth and search for available devices.
4. Select "oleap Pilot P100b" from the list of found devices.

5. Once connected, the LED indicator will turn solid blue, and you will hear a confirmation tone.

The headset supports Bluetooth 5.0 and has a range of up to 15 meters (49 feet).

3. OPERATING INSTRUCTIONS

3.1 Power On/Off

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

3.2 Call Management

- **Answer/End Call:** Click the **Power Key** once.
- **Reject Call:** Press and hold the **Power Key** for 2 seconds.
- **Mute/Unmute Microphone:** Click the **Mute Key** once during an active call. You will hear an audible "MUTED" notification when activated.

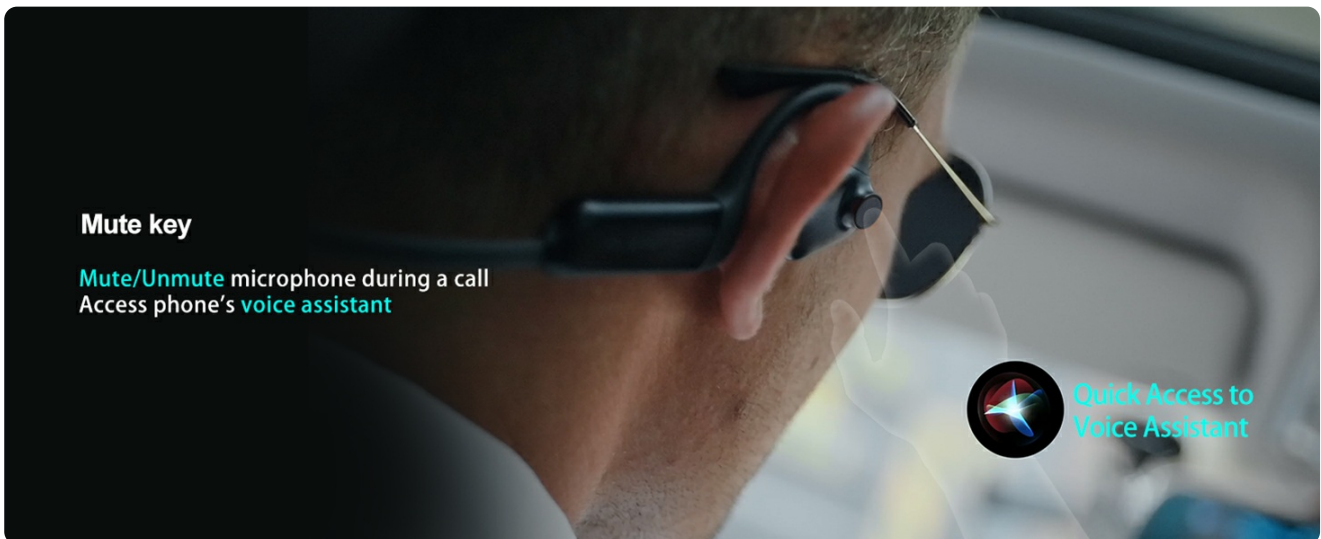


Figure 3.1: The Mute Key on the oleap Pilot P100b headset allows for quick microphone control during calls.

3.3 Audio Playback

- **Play/Pause:** Click the **Power Key** once.
- **Volume Up:** Click the **Volume +** button.
- **Volume Down:** Click the **Volume -** button.
- **Next Track:** Long press the **Volume +** button.
- **Previous Track:** Long press the **Volume -** button.

3.4 Voice Assistant

To activate your device's voice assistant (e.g., Siri, Google Assistant), long press the **Mute Key** when not on a call.

3.5 Noise Cancellation Features

The oleap Pilot P100b features advanced Environmental Noise Cancellation (ENC) technology, utilizing a 3-piece ECM microphone array to reduce ambient noise by up to 50dB during calls. This ensures your voice is heard clearly even in noisy environments.



Figure 3.2: The 50dB ENC technology actively reduces background noise for clearer calls.

Video 3.1: This video demonstrates the microphone's noise-canceling capabilities of the OLEAP Pilot headset in a noisy environment.

3.6 Wearing the Headset

The open-ear design of the Pilot P100b allows you to remain aware of your surroundings while enjoying audio. The flexible neckband and ear hooks provide a secure and comfortable fit without pressing on your ears or causing irritation.



Figure 3.3: The open-ear design offers comfort and situational awareness, unlike traditional bone conduction headphones.

4. MAINTENANCE

To ensure the longevity and optimal performance of your oleap Pilot P100b headset:

- **Cleaning:** Wipe the headset with a soft, dry cloth. Avoid using harsh chemicals or abrasive materials.
- **Storage:** Store the headset in a cool, dry place away from direct sunlight and extreme temperatures.
- **Water Resistance:** The headset is rated as Waterproof (IPX5). While it can withstand splashes and sweat, avoid submerging it in water.

5. TROUBLESHOOTING

If you encounter issues with your oleap Pilot P100b, refer to the following common solutions:

- **Headset not powering on:** Ensure the headset is fully charged. Connect it to a power source and try again.
- **Unable to pair with device:**
 - a. Ensure the headset is in pairing mode (LED flashes red and blue).
 - b. Turn off and on Bluetooth on your device.
 - c. Move the headset closer to your device.
 - d. Clear previous Bluetooth connections on your device and try pairing again.
- **No sound or low volume:**
 - a. Check the volume levels on both the headset and your connected device.
 - b. Ensure the headset is properly connected to your device.
 - c. If using a dongle, ensure it is correctly plugged in and recognized by your computer.
- **Microphone not working:**
 - a. Ensure the microphone boom is positioned correctly near your mouth.
 - b. Check if the microphone is muted (click the **Mute Key** to unmute).
 - c. Verify microphone settings on your connected device.
- **Intermittent connection:**
 - a. Ensure you are within the 15-meter Bluetooth range.
 - b. Avoid obstacles between the headset and your device that may interfere with the signal.
 - c. Restart both the headset and your connected device.

6. SPECIFICATIONS

Feature	Description
Model Name	P100b
Connectivity Technology	Wireless (Bluetooth)
Bluetooth Version	5.0
Bluetooth Range	15 Meters
Noise Control	Active Noise Cancellation (ENC up to 50dB for calls)
Microphone	Boom Microphone (3-piece ECM microphone array)
Audio Driver Type	Dynamic Driver
Audio Driver Size	16 Millimeters
Battery Life	16 Hours (Music Playback), 10 Hours (Talk Time)
Charging Time	Approx. 1 hour (10 minutes for 5 hours talk time)
Control Type	Push Button (Volume Control, Mute)
Ear Placement	Over Ear (Open-Ear Design)
Material	Acrylonitrile Butadiene Styrene (ABS) PC
Water Resistance Level	Waterproof (IPX5)
Item Weight	9.9 ounces (0.28 Kilograms)
Product Dimensions	7.87 x 5.79 x 2.6 inches



Figure 6.1: Dimensions of the oleap Pilot P100b headset.

7. WARRANTY & SUPPORT

The oleap Pilot P100b headset typically comes with a 12-month warranty. For detailed warranty information, product support, or technical assistance, please refer to the contact information provided in your product packaging or visit the official oleap website.

