Ozeino OW210

Ozeino Wireless Gaming Headset OW210 User Manual

Model: OW210

Image: The Ozeino OW210 Wireless Gaming Headset, showcasing its design and RGB lighting.

1. INTRODUCTION

This manual provides comprehensive instructions for the setup, operation, maintenance, and troubleshooting of your Ozeino Wireless Gaming Headset, model OW210. Please read this manual thoroughly before using the product to ensure proper functionality and longevity.

The Ozeino OW210 is a versatile gaming headset offering multiple connectivity options including 2.4GHz USB wireless, Type-C wireless, Bluetooth, and a 3.5mm wired connection. It features 7.1 virtual surround sound, an ENC (Environmental Noise Cancelling) microphone, and long-lasting battery life, designed for an immersive gaming experience across various platforms.

2. PACKAGE CONTENTS

Upon opening the package, verify that all the following items are present and in good condition:

- Ozeino Wireless Gaming Headset (OW210)
- USB Wireless Dongle
- Type-C Wireless Dongle
- 3.5mm Audio Cable
- USB Charging Cable
- User Manual (this document)
- Storage/Dust Bag

Image: The Ozeino OW210 headset displayed with its included accessories: USB and Type-C dongles, 3.5mm audio cable, charging cable, and storage bag.

3. SETUP AND CONNECTIVITY

3.1 Charging the Headset

Before first use, fully charge the headset. Connect the USB charging cable to the headset's charging port and to a USB power source (e.g., computer USB port, USB wall adapter). The LED indicator on the headset will show charging status and turn off when fully charged. A full charge provides up to 30 hours of use without RGB lights or 25 hours with RGB lights enabled.

Note: The headset cannot be used while charging.

Image: The Ozeino OW210 headset illustrating its 30-hour long-lasting battery life and charging capability.

3.2 Wireless Connection (2.4GHz USB/Type-C Dongle)

The headset supports 2.4GHz wireless connectivity via two dedicated dongles: a standard USB-A dongle and a Type-C dongle.

- **USB-A Dongle:** Compatible with PC, PS4, PS5, and Laptops.
- **Type-C Dongle:** Compatible with Nintendo Switch, Tablets (Pad), and Smartphones.

1. Insert the appropriate wireless dongle (USB-A or Type-C) into an available port on your device.
2. Power on the headset by pressing and holding the power button for 3 seconds.
3. The headset will automatically pair with the dongle. A stable indicator light on the headset signifies a successful connection.
4. Adjust audio output settings on your device to select the "Ozeino OW210" headset as the default audio device.

Image: Illustration of the USB and Type-C dual dongle design, showing connectivity with a PS4 and a Nintendo Switch.

3 Compatibility Modes

USB

PC · PS4 · PS5

2.4GHz Wireless

Type-c

Switch · Phone · Tablet

3.5mm Wired: PC/PS4/PS5/Xbox/Switch

Image: Diagram showing the three compatibility modes: USB dongle for PC, PS4, PS5, Laptop; Type-C dongle for Switch, Phone, Tablet; and 3.5mm wired for all gaming devices with a 3.5mm jack.
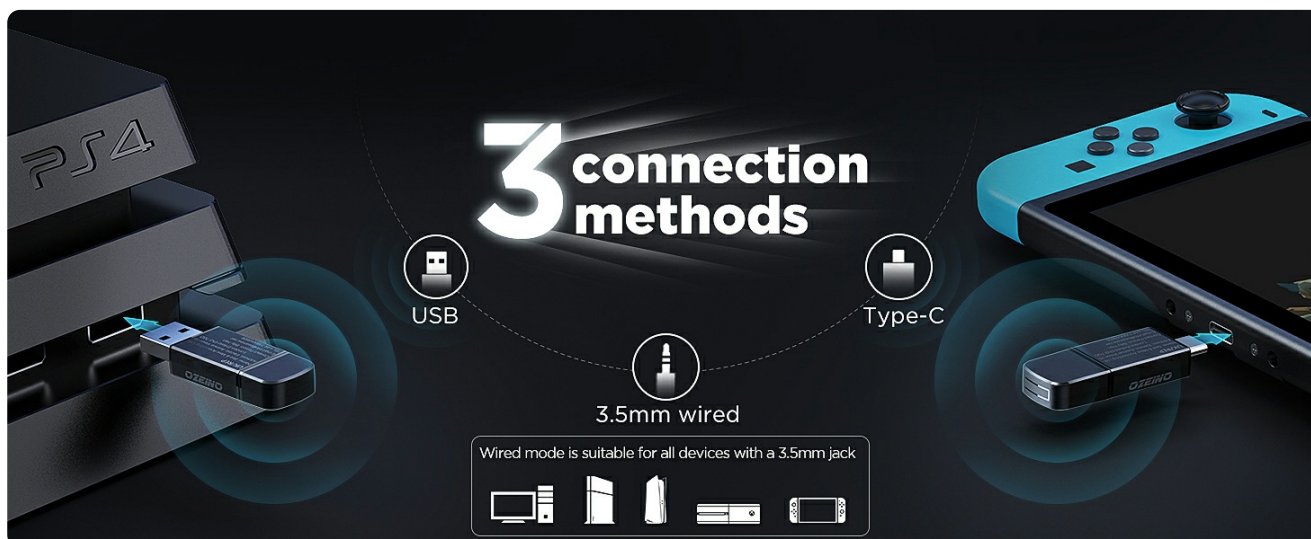

3 connection methods

USB

Type-C

3.5mm wired

Wired mode is suitable for all devices with a 3.5mm jack

Image: Visual representation of the three connection methods: USB, Type-C, and 3.5mm wired, highlighting their respective compatible devices.

3.3 Bluetooth Connection

The headset is compatible with Bluetooth-enabled devices.

1. Ensure the headset is powered on.
2. Activate Bluetooth pairing mode on the headset (refer to the controls section for specific button presses, usually a long press on the Bluetooth button if available, or the power button).
3. On your device, go to Bluetooth settings and search for available devices.
4. Select "Ozeino OW210" from the list to pair.
5. Once paired, the headset's indicator light will stabilize.

3.4 3.5mm Jack Wired Connection

For devices with a 3.5mm audio jack, use the included 3.5mm audio cable.

1. Connect one end of the 3.5mm audio cable to the headset's 3.5mm input port.
2. Connect the other end to the 3.5mm audio jack on your device (PC, PS4, PS5, Xbox, Nintendo Switch, etc.).
3. **Important:** The headset must be turned off when using wired mode. Wireless features, including RGB lighting and microphone ENC, will not function in wired mode.

Note: Wireless mode is not compatible with Xbox gaming devices.

4. OPERATING INSTRUCTIONS

4.1 Headset Controls Overview

The main controls are located on the left earcup for easy access during gameplay.

Image: Detailed diagram of the Ozeino OW210 headset controls, including 7.1 surround sound button, microphone mute, RGB lights on/off, volume control, power button, charging port, and 3.5mm cable input port.

- **Power On/Off:** Press and hold the power button for 3 seconds.
- **Volume Control:** Use the scroll wheel to adjust the audio volume up or down.
- **Microphone Mute:** Single click the dedicated microphone mute button to toggle microphone on/off.
- **RGB Lights On/Off:** Double click the RGB light button to turn the vibrant RGB lighting on or off.
- **7.1 Surround Sound:** Single click the 7.1 button to activate or deactivate 7.1 virtual surround sound.

4.2 7.1 Virtual Surround Sound

The 7.1 virtual surround sound feature provides precise audio direction, allowing you to accurately hear and identify sounds from different directions in games, enhancing your tactical advantage.

Image: A person wearing the Ozeino OW210 headset, with visual cues indicating the immersive 7.1 virtual surround sound experience.

Image: A conceptual diagram showing sound waves and gaming characters, illustrating how the headset allows users to perceive all sounds within the game environment, including footsteps and explosions.

4.3 ENC Noise-Canceling Microphone

The headset features an Environmental Noise Cancelling (ENC) microphone with a built-in chip to enhance voice clarity and reduce background noise, ensuring your teammates hear you clearly.

- The microphone is flexible and can be adjusted to multiple angles for optimal positioning.
- To mute the microphone, single click the microphone mute button on the earcup.

Noise Cancelling Mic

ENC Built in ENC chip

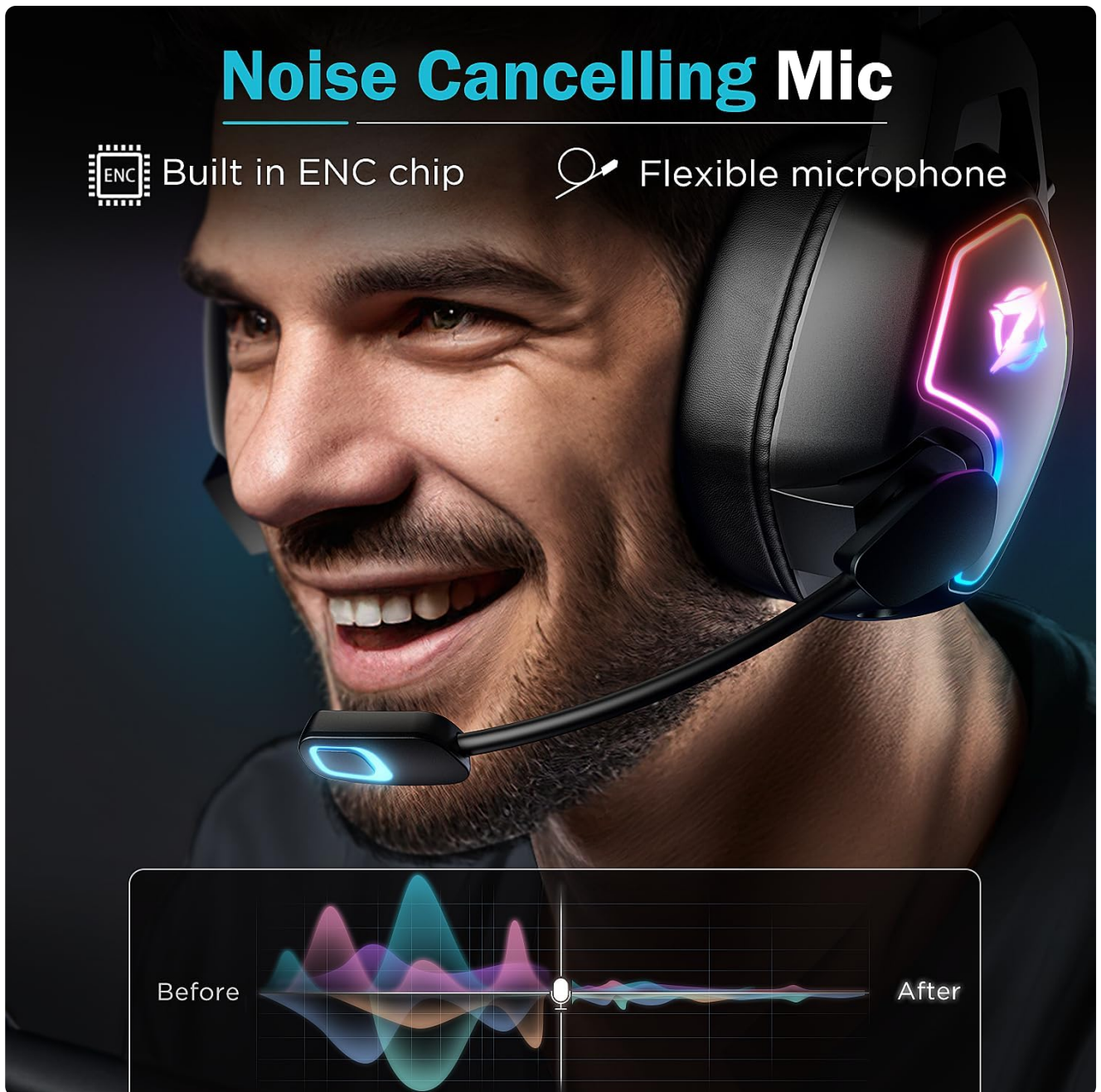Flexible microphone

Before

After

Image: A close-up of the headset's microphone, highlighting the ENC (Environmental Noise Cancelling) chip and its effect on sound clarity, showing a "before" and "after" waveform comparison.

ENC chip makes your teammates hear you clearly

Flexible mic for multi-angle adjustment

Image: An internal view of the microphone, detailing the ENC chip and the flexible design for multi-angle adjustment.

4.4 Comfort and Design

The Ozeino OW210 headset is designed for extended comfort during long gaming sessions.

- **Dual Headband:** The top headband distributes the headset's weight, while the internal headband automatically adapts to your head shape and contains foam padding for extra comfort.
- **Extra-large Earcups:** Made of high-grade synthetic leather, the earcups are thick (1 inch) and provide excellent softness, comfort, and noise isolation, measuring approximately 3 inches in length and 2 inches in width.

Image: Diagram illustrating the new dual headband design, showing how the top headband shares weight and the internal headband adapts with foam padding for comfort.

Image: Close-up of the extra-large earcups, detailing their 1-inch thickness and dimensions (3 inches length, 2 inches width) for comfortable wear without pressure.

5. MAINTENANCE

5.1 Cleaning

- Use a soft, dry cloth to wipe the headset's surfaces.
- For earcups, gently wipe with a slightly damp cloth and allow to air dry completely before use. Avoid harsh

chemicals or abrasive cleaners.

- Do not immerse the headset in water or any liquids.

5.2 Storage

- When not in use, store the headset in the provided storage/dust bag to protect it from dust and scratches.
- Store in a cool, dry place away from direct sunlight and extreme temperatures.

5.3 Battery Care

- To prolong battery life, avoid fully discharging the headset frequently.
- If storing for an extended period, charge the headset to approximately 50% before storage.

6. TROUBLESHOOTING

Problem	Possible Cause	Solution
No sound from headset	Headset not powered on. Low battery. Incorrect audio output selected on device. Dongle not properly connected or paired. Volume too low. Headset in wired mode but powered on.	Press and hold power button for 3 seconds. Charge the headset. Check device's sound settings and select "Ozeino OW210". Reconnect dongle; ensure headset is paired. Adjust volume wheel on headset. Turn off headset when using 3.5mm wired connection.
Microphone not working	Microphone muted. Incorrect input device selected. Microphone not properly connected (if detachable). Headset in wired mode.	Single click the microphone mute button. Check device's sound settings and select "Ozeino OW210" as input. Ensure microphone is securely plugged in. Microphone ENC only works in wireless mode.
Wireless connection unstable or disconnecting	Out of range. Interference from other devices. Low battery.	Move closer to the dongle/device. Move away from other wireless devices (e.g., Wi-Fi routers, cordless phones). Charge the headset.
RGB lights not working	Lights turned off. Low battery. Headset in wired mode.	Double click the RGB light button to turn them on. Charge the headset. RGB lights only function in wireless mode.

7. SPECIFICATIONS

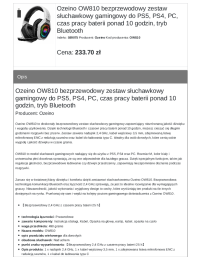| Feature	Detail
Model Name	OW210
Connectivity Technology	Wireless (2.4GHz USB/Type-C), Bluetooth, 3.5mm Wired
Wireless Communication Technology	2.4GHz, Bluetooth 5.3
Compatible Devices	PC, PS4, PS5, Laptop, Nintendo Switch, Pad, Smartphone, Bluetooth-enabled devices, all gaming devices with a 3.5mm jack (wired mode)
Audio Driver Type	Dynamic Driver
Frequency Range	20Hz - 20,000Hz
Audio Latency	Less than 20ms (2.4GHz wireless)
Microphone	ENC Noise-Canceling, Flexible
Battery Life	Up to 30 hours (lights off), Up to 25 hours (lights on)
Material	Faux Leather (earcups)
Earpiece Shape	Over-ear
Item Weight	1.15 pounds (approx. 520g)
Package Dimensions	8.98 x 7.87 x 3.82 inches

8. WARRANTY AND SUPPORT

This product comes with a standard manufacturer's warranty. Please refer to the warranty card included in your package for specific terms and conditions. For technical support, troubleshooting assistance, or warranty claims, please contact Ozeino customer service through their official website or the retailer where the product was purchased.

For further assistance, you may visit the Ozeino Store on Amazon.

Related Documents - OW210

	[ozeino OW310 K2 Wireless Keyboard User Manual | 2.4GHz & Bluetooth](#) User manual for the ozeino OW310 K2 wireless keyboard, detailing setup, features, connectivity options (2.4GHz and Bluetooth), specifications, and troubleshooting. Includes information for model OW310 and product line K2.
	[Ozeino OW810 Bezprzewodowy Zestaw Słuchawkowy Gamingowy do PS5, PS4, PC](#) Ozeino OW810 to bezprzewodowy zestaw słuchawkowy gamingowy kompatybilny z PS5, PS4 i PC, oferujący ponad 10 godzin pracy na baterii w trybie Bluetooth. Zapewnia wysoką jakość dźwięku, komfort użytkowania oraz funkcje takie jak regulacja głośności, dźwięk przestrzenny i mikrofon ENC z redukcją szumów. Idealny dla dorosłych graczy ceniących niezawodność i wyjątkowy design.