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ZIOCOM DGLK02

ZIOCOM Air Conduction Headphone DGLK02 User Manual

Model: DGLK02 | Brand: ZIOCOM

INTRODUCTION

Thank you for choosing the ZIOCOM Air Conduction Headphone, Model DGLK02. This open-ear wireless headset is designed for comfort and high-quality audio, featuring aptX-LL Bluetooth technology and a USB-A dongle for wide compatibility with devices like PS4, PS5, PC, and for online meetings. This manual provides detailed instructions for setup, operation, maintenance, and troubleshooting to ensure optimal performance.

PACKAGE CONTENTS

Please check the package for the following items:

- ZIOCOM Air Conduction Headphone (DGLK02)
- USB-A Bluetooth Dongle
- Charging Cable
- Electronic Storage Bag
- User Manual (This document)

Shock-resistant, pressure-proof storage bag



Image: The ZIOCOM Air Conduction Headphone and its USB dongle neatly stored within the included electronic storage bag, alongside a charging cable.

PRODUCT OVERVIEW

Headphone Components

A True APTX low latency kit

Both the headset and transmitter support APTX low latency, whether you are watching TV or gaming, it will bring you a pleasant experience.



Image: A detailed view of the ZIocom Air Conduction Headphone, highlighting the flexible microphone arm and the open-ear design.

- **Open-Ear Transducers:** Deliver audio without covering your ears.
- **Flexible Microphone Arm:** Adjustable for optimal voice pickup.
- **Control Buttons:** For power, volume, and media playback.
- **Charging Port:** For connecting the charging cable.
- **LED Indicator:** Displays power and connection status.

USB-A Bluetooth Dongle

Adopt Qualcomm Chipset

It supports aptX, aptX_LL, aptX_HD
Bluetooth protocol



Image: The ZIOCOM Air Conduction Headphone shown alongside its compact USB-A Bluetooth dongle, which enables wireless connectivity.

The USB-A Bluetooth Dongle provides a stable, low-latency wireless connection, especially beneficial for gaming and online communication. It supports aptX, aptX-LL, and aptX-HD protocols.

SETUP

1. Charging the Headphone

1. Connect the charging cable to the headphone's charging port.
2. Plug the other end of the cable into a USB power source (e.g., computer USB port, USB wall adapter).
3. The LED indicator will show charging status. A full charge takes approximately 4 hours and provides up to 10 hours of working time.

2. Powering On/Off

- **To Power On:** Press and hold the Power button until the LED indicator flashes.
- **To Power Off:** Press and hold the Power button until the LED indicator turns off.

3. Pairing with the USB-A Bluetooth Dongle

For optimal performance and low latency, it is recommended to use the included USB-A Bluetooth Dongle.

1. Plug the USB-A Bluetooth Dongle into an available USB port on your device (PC, PS4, PS5, etc.). The dongle's LED will flash, indicating it's in pairing mode.
2. Ensure the headphone is powered off. Then, press and hold the Power button on the headphone until the LED indicator flashes rapidly, indicating it's in pairing mode.
3. The headphone and dongle will automatically pair. Once connected, the LEDs on both devices will turn solid blue.
4. On your device, select the ZIOCOM headphone as the audio output and input device in your sound settings.



Image: A user wearing the ZIOCOM Air Conduction Headphone while gaming on a console, with the USB dongle visible in the console's port, illustrating typical setup for gaming.

4. Pairing with Other Bluetooth Devices (Without Dongle)

You can also pair the headphone directly with other Bluetooth-enabled devices.

1. Ensure the headphone is powered off. Press and hold the Power button until the LED indicator flashes rapidly (pairing mode).
2. On your device (smartphone, tablet, laptop), enable Bluetooth and search for available devices.
3. Select "ZIOCOM DGLK02" from the list of found devices.
4. Once connected, the headphone's LED will turn solid blue.

OPERATING INSTRUCTIONS

Basic Controls

- **Power On/Off:** Press and hold the Power button.
- **Play/Pause:** Single press the Multi-function button (often the Power button or a dedicated play/pause button).
- **Volume Up:** Press the Volume Up button.
- **Volume Down:** Press the Volume Down button.

- **Next Track:** Press and hold Volume Up (or double-press Multi-function button, depending on model).
- **Previous Track:** Press and hold Volume Down (or triple-press Multi-function button, depending on model).
- **Answer/End Call:** Single press the Multi-function button.
- **Reject Call:** Press and hold the Multi-function button.
- **Activate Voice Assistant:** Double-press the Multi-function button (if supported).

Microphone and Noise Cancellation (ENC)

The headphone features Environmental Noise Cancellation (ENC) technology to reduce background noise during calls and a mute button on the microphone stick.

- **Microphone Mute:** Press the dedicated mute button on the microphone arm to mute or unmute your voice during a call or meeting.
- **ENC:** ENC is automatically active during calls to enhance voice clarity by filtering out ambient noise.

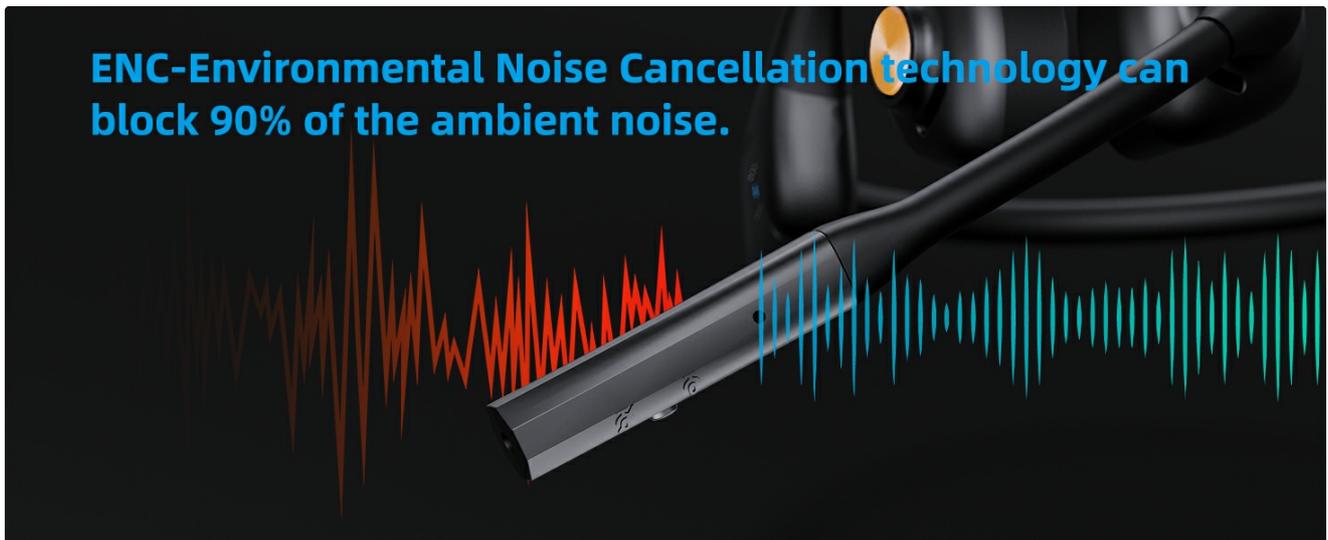


Image: An illustration demonstrating the effect of ENC (Environmental Noise Cancellation) technology, showing reduced background noise, and highlighting the mute button on the headphone's microphone arm.

Wearing the Headphone

Position the headphone so the transducers rest comfortably in front of your ears, allowing the open-ear design to function effectively. Adjust the flexible microphone arm towards your mouth for clear communication.

Enjoy Wireless Life with ZIOCOM

We aim to offer better quality product like Bluetooth receiver, Bluetooth transmitter, Bluetooth 2-in-1 transmitter and receiver and more, compatible with Bose sounddock and other 30 Pin speakers, Smart phones, TV, PC, Nintendo Switch, PS5, MP3 and more.

Image: A man wearing the ZIOCOM open-ear Bluetooth headphone with the microphone extended, participating in an online meeting, demonstrating proper wearing and usage.

MAINTENANCE

- **Cleaning:** Wipe the headphones with a soft, dry cloth. Do not use harsh chemicals or abrasive materials.
- **Storage:** When not in use, store the headphones in the provided electronic storage bag to protect them from dust, impacts, and pressure.
- **Water Resistance:** The headphones are **not water resistant**. Avoid exposure to liquids, moisture, and extreme temperatures.
- **Battery Care:** To prolong battery life, avoid fully discharging the battery frequently. Charge regularly.

TROUBLESHOOTING

No Sound or Poor Audio Quality

- Ensure the headphone is powered on and fully charged.
- Verify the headphone is correctly paired with your device or the USB dongle.
- Check the volume levels on both the headphone and your connected device.
- Ensure the ZIOCOM headphone is selected as the default audio output device in your system settings.
- Move closer to the connected device to avoid interference or range issues.
- If using the dongle, try plugging it into a different USB port.

Microphone Not Working

- Check if the microphone is muted using the mute button on the microphone arm.
- Ensure the ZIOCOM headphone is selected as the default audio input device in your system settings or application settings (e.g., Zoom, Microsoft Teams).
- Adjust the microphone arm closer to your mouth.

Headphone Not Pairing

- Ensure both the headphone and the dongle (or your device) are in pairing mode.
- Turn off and then turn on the headphone and dongle/device.
- Clear previous Bluetooth connections on your device and try pairing again.
- Ensure no other Bluetooth devices are interfering with the pairing process.

SPECIFICATIONS

Model Name	DGLK02
Brand	ZIOCOM
Connectivity Technology	Wireless (Bluetooth)
Bluetooth Version	5.2 (Supports aptX, aptX-LL, aptX-HD)
Audio Driver Type	Air Conduction
Earpiece Shape	Open Ear
Noise Control	Environmental Noise Cancellation (ENC)
Microphone	Included, with Mute Feature
Battery Life	Up to 10 Hours
Charging Time	Approx. 4 Hours
Battery Type	1 Lithium Polymer battery
Control Method	Touch / Media Control Buttons
Material	Acrylonitrile Butadiene Styrene (ABS), Plastic
Item Weight	0.2 Kilograms (7 ounces)
Product Dimensions	1.97 x 0.31 x 0.91 inches
Water Resistance Level	Not Water Resistant
Compatible Devices	PS4, PS5, PC, devices with USB-A port for dongle, Bluetooth-enabled devices
Specific Uses	Gaming, Online Communication

The APTX low-latency protocol requires both your Bluetooth transmitter and headset to support it.

Bluetooth Transmitter Supports	Your Headphone Supports	Final Transmission Codec	Audio Delay
aptX HD / aptX Low Latency / aptX / SBC	aptX Low Latency	aptX Low Latency	< ~ 40ms
	aptX HD	aptX HD	< ~ 130ms
	aptX	aptX	< ~ 130ms
	SBC	SBC	< ~ 220ms

Image: An illustration highlighting the Qualcomm chipset and Bluetooth 5.2 technology, indicating support for aptX, aptX-LL, and aptX-HD audio protocols for high-quality, low-latency sound.



Image: A table detailing the APTX low-latency protocol, showing how different Bluetooth transmitter and headphone support combinations affect the final transmission codec and audio delay.

WARRANTY AND SUPPORT

ZIocom products are designed for reliability and performance. For warranty information, technical support, or customer service inquiries, please refer to the contact information provided with your purchase or visit the official ZIocom website. Keep your purchase receipt for warranty claims.

Return Policy: This product typically has a 30-day return policy for refund or replacement.