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› Krysenix KGH2 Wireless Gaming Headset User Manual

Krysenix KGH2

Quick start and usage guide for the Krysenix KGH2 Wireless Gaming Headset, detailing setup, on-ear controls, key features like superior sound, noise-cancelling mic, ergonomic design, RGB lighting, and troubleshooting tips.

Krysenix KGH2 Wireless Gaming Headset User Manual

Model: KGH2

INTRODUCTION

The Krysenix KGH2 Wireless Gaming Headset is designed to provide an immersive audio experience for gamers across multiple platforms. Featuring advanced connectivity options, long-lasting battery life, and a comfortable design, this headset ensures clear communication and high-fidelity sound for extended gaming sessions.



Image: The Krysenix KGH2 Wireless Gaming Headset in white, showcasing its sleek design, RGB lighting on the earcups, and the accompanying 2.4GHz USB dongle.

WHAT'S IN THE BOX

- Wireless Gaming Headset (1)
- User Manual (1)
- 2.4GHz USB Dongle (1)
- Type-C Charging Cable (1)

FEATURES

Superior Sound Quality

Equipped with 50mm titanium-coated drivers, the Krysenix KGH2 delivers clear highs and deep lows, allowing for precise audio positioning in games. This high-fidelity auditory experience ensures every sound detail is captured.



Image: An X-ray view of the headset's earcup highlighting the 50mm dynamic driver for high-fidelity audio.

Dual Connection Modes & Multi-Device Support

The headset offers two primary connection modes:

- **2.4GHz USB Dongle Mode:** Provides ultra-low latency audio ($\leq 20\text{ms}$) for seamless gaming on PC, PS4, PS5, and Mac. Note: Microphone is not supported when connected to Nintendo Switch via this mode.
- **Bluetooth 5.4 Mode:** Supports connection to most mobile devices like smartphones, tablets, and Nintendo Switch. Note: Microphone is not supported when connected to Nintendo Switch via Bluetooth. Bluetooth modes are incompatible with PS4 and PS5.

Important Note: Both 2.4GHz and Bluetooth modes are not compatible with Xbox consoles.

Simple and Stable Connection Mode



Extensive Device Compatibility



Dongle Mode

- Delays $\leq 20\text{ms}$ (Ultra-Low Latency)
- For PS4/PS5/PC/Mac/Mobile



Bluetooth Mode

- Delays $\leq 48\text{ms}$ (Cutting-edge Tech)
- For Switch(mic invalid)/PC/Mac/Mobile



Note: Both modes are not compatible with Xbox all series

Image: Visual representation of the headset's compatibility with different devices via 2.4GHz dongle and Bluetooth modes.

Ultra-Long Battery Life

Equipped with a 1000mAh battery, the headset charges fully in approximately 2.5 to 3 hours. It provides 30-35 hours of playtime with RGB lighting on, and an impressive 40 hours with RGB lighting off, ensuring extended use.

Fast Charging and Long Playtime



1000MAh
Battery Life



Type-C
Charge 2 hours



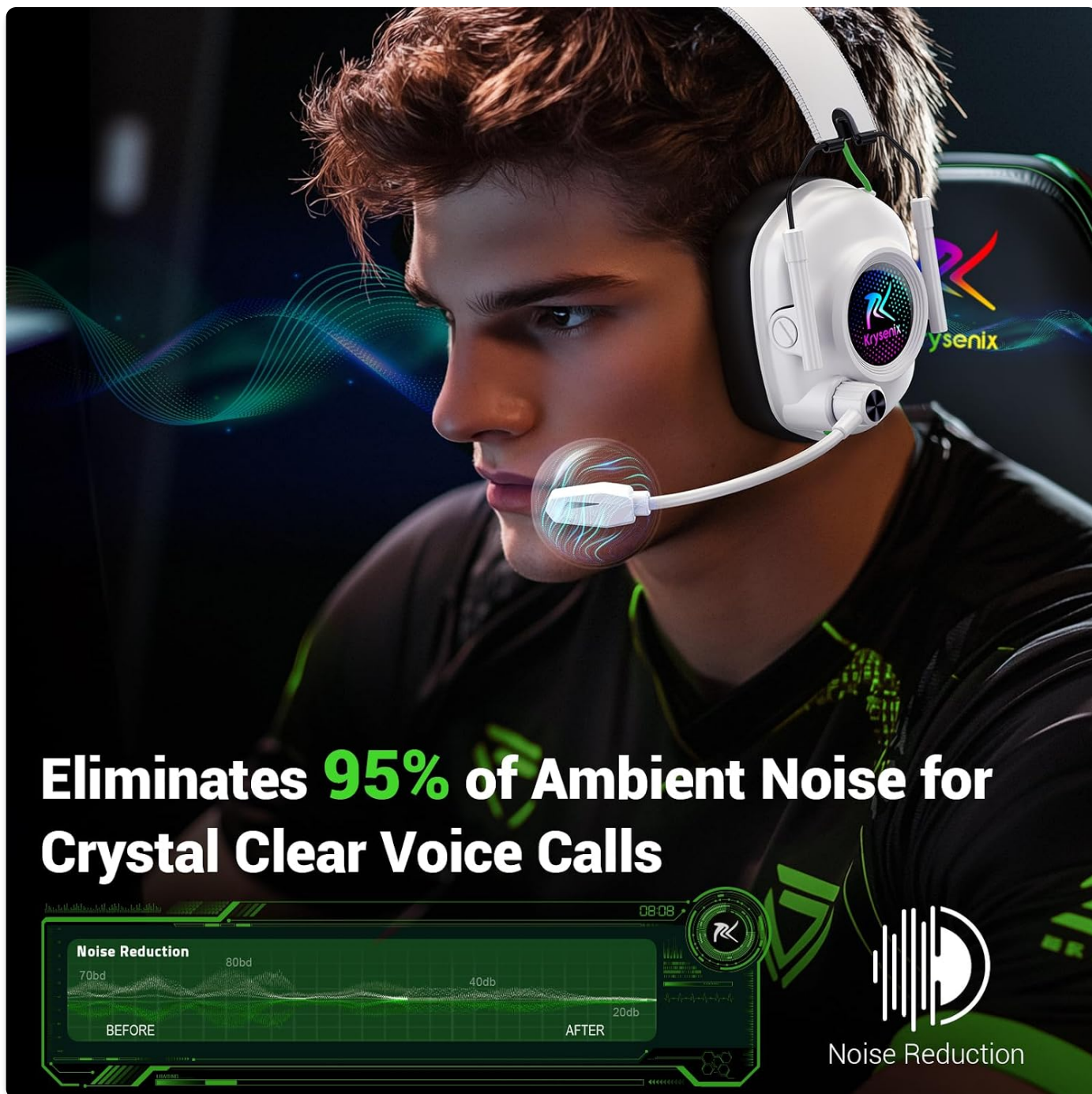
Extended Game
Time 40 hours



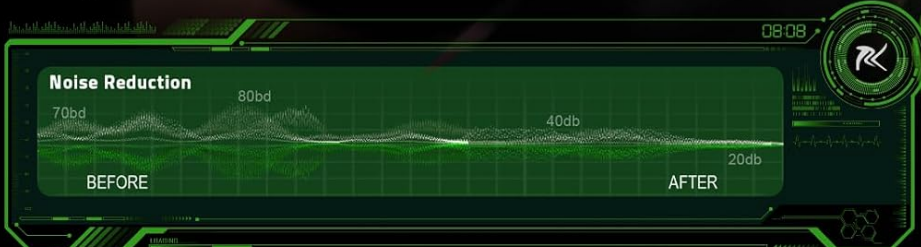
Image: An illustration emphasizing the fast charging and long playtime capabilities of the headset's 1000mAh battery.

Adjustable Noise-Cancelling Microphone

The sensitive, adjustable microphone features noise-cancelling technology, effectively eliminating background noise for clear communication during gameplay. The flexible microphone can be adjusted up to 120° for optimal positioning.



Eliminates **95%** of Ambient Noise for Crystal Clear Voice Calls



08:08

Noise Reduction

70db 80db 40db 20db

BEFORE AFTER



Noise Reduction

Image: A visual demonstrating the noise-cancelling microphone's effectiveness in eliminating ambient noise for clear voice calls.

Ergonomic Design & RGB Lighting

Designed for comfort, the headset features an adjustable headband and soft, high-quality imitation protein earmuffs made of skin-friendly, breathable sponge and leather. The foldable design allows for easy portability, and cool LED RGB lighting enhances the gaming aesthetic.

Ergonomic Design & Cool RGB



Image: A detailed view of the headset's ergonomic features, including foldable design, ultra-soft ear cups, and customizable RGB lighting.

SETUP

Charging the Headset

Before first use, fully charge the headset using the provided Type-C charging cable. Connect the Type-C end to the headset's charging port and the USB-A end to a compatible USB power source (e.g., computer USB port, wall adapter). A full charge takes approximately 2.5 to 3 hours.

2.4GHz Wireless Connection (for PC, PS4, PS5, Mac)

1. Insert the 2.4GHz USB Dongle into an available USB port on your PC, PS4, PS5, or Mac.
2. Power on the headset by long-pressing the Power button (1) for 3 seconds.
3. The headset should automatically connect to the dongle. The indicator light on the dongle will turn solid, and the headset will confirm connection.
4. Ensure the headset is selected as the audio output and input device in your device's sound settings.

Bluetooth 5.4 Connection (for Mobile/Tablet, Switch)

1. Power on the headset by long-pressing the Power button (1) for 3 seconds.
2. Long-press the 'M' button (4) for 3 seconds to enter Bluetooth pairing mode. The RGB lights will flash rapidly.
3. On your mobile device or Nintendo Switch, go to Bluetooth settings and search for "Krysenix KGH2" (or similar).
4. Select the headset to pair. Once paired, the RGB lights will stop flashing and remain solid.
5. Ensure the headset is selected as the audio output device in your device's sound settings.

OPERATING INSTRUCTIONS

The headset features intuitive controls located on the earcups. Refer to the diagram below for button identification.

Versatile and User-Friendly



<div>① </div> <div>Power On---Long press 3s Power Off---Long press 4s Play/Pause---Single click Answer Call---Single click End Call---Single click Reject Call---Long press 2s Redial Last Call---Double clicks</div>	<div>② </div> <div>Volume Down---Single click Previous Track---Long press 2s</div> <div>③ </div> <div>Volume Up---Single click Next Track---Long press 2s</div>	<div>④ </div> <div>RGB on/off---Single click Game mode↔Music mode---Double clicks Re-Pair(BT mode)---Long press 3s</div> <div>⑤ </div> <div>Mic on/off---Single click BT ↔ 2.4G---Long press 2s</div>
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Image: A detailed view of the headset's controls, indicating the function of each button and dial.

Headset Control Functions

Button/Control	Function
1. Power Button	Long press 3s: Power On Long press 4s: Power Off Single click: Play/Pause Single click: Answer/End Call Long press 2s: Reject Call Double clicks: Redial Last Call
2. Volume Down (-)	Single click: Volume Down Long press 2s: Previous Track
3. Volume Up (+)	Single click: Volume Up Long press 2s: Next Track
4. 'M' Button (Mode/Pairing)	Single click: RGB on/off Double clicks: Game mode ↔ Music mode Long press 3s: Re-Pair (BT mode)
5. Mic On/Off Button	Single click: Mic on/off Long press 2s: BT ↔ 2.4G (Switch connection mode)

MAINTENANCE

- Keep the headset clean by wiping it with a soft, dry cloth.
- Avoid exposing the headset to extreme temperatures, humidity, or direct sunlight.
- Do not attempt to disassemble or modify the headset, as this will void the warranty.
- Store the headset in a cool, dry place when not in use, preferably in its original packaging or a protective case. The foldable design aids in compact storage.

TROUBLESHOOTING

No Sound / Low Volume

- Ensure the headset is powered on and fully charged.
- Check the volume levels on both the headset and your connected device.
- Verify that the headset is correctly paired/connected to your device (2.4GHz dongle or Bluetooth).
- For PC/console, ensure the headset is selected as the default audio output device in your system settings.
- Try restarting both the headset and the connected device.

Microphone Not Working

- Ensure the microphone is not muted (check Mic On/Off Button 5).
- Verify that the microphone is correctly positioned and adjusted.
- For PC/console, ensure the headset microphone is selected as the default input device in your system settings.
- Remember that the microphone is not supported when connected to Nintendo Switch via either 2.4GHz dongle or

Bluetooth.

Connection Issues

- **2.4GHz Dongle:** Try unplugging and re-plugging the dongle. Ensure it's inserted into a working USB port.
- **Bluetooth:** Ensure the headset is in pairing mode (long press 'M' button 4). Forget the device on your phone/tablet/Switch and try re-pairing.
- Move closer to your connected device to avoid interference.
- Ensure no other wireless devices are causing interference.

SPECIFICATIONS

Feature	Detail
Model Name	KGH2
Connectivity Technology	Wireless (2.4GHz USB Dongle, Bluetooth 5.4)
Audio Driver Size	50mm
Noise Control	Sound Isolation, Noise-Cancelling Microphone
Battery Life	Up to 40 hours (RGB off), 30-35 hours (RGB on)
Charging Time	2.5 - 3 hours
Compatible Devices	PC, PS4, PS5, Switch (audio only for mic), Mac. Not compatible with Xbox.
Material	Plastic, Imitation Protein Leather (earmuffs)
Item Weight	12.7 ounces
Product Dimensions	5.12 x 5.12 x 3.35 inches
Frequency Range	20 Hz - 20,000 Hz
Impedance	32 Ohm

OFFICIAL PRODUCT VIDEOS

Below are official product videos from the seller, demonstrating key features and usage of the Krysenix KGH2 Wireless Gaming Headset.

Your browser does not support the video tag.

Video: An overview of the KGH2 Wireless Gaming Headset, showcasing its design and features. (Duration: 0:47)

Your browser does not support the video tag.

Video: Demonstrates the noise-cancelling microphone feature of the Wireless Gaming Headset. (Duration: 0:40)

WARRANTY AND SUPPORT

For warranty information and customer support, please refer to the official Krysenix website or contact the seller directly through your purchase platform. Keep your proof of purchase for any warranty claims.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question