

[Manuals.plus](#) /

› [Logitech G](#) /

› Logitech G435 LIGHTSPEED Wireless Bluetooth Gaming Headset User Manual

Logitech G 981-001049

Logitech G435 LIGHTSPEED Wireless Bluetooth Gaming Headset User Manual

Model: 981-001049

INTRODUCTION

Welcome to the user manual for your Logitech G435 LIGHTSPEED Wireless Bluetooth Gaming Headset. This guide will walk you through the essential steps to get started, understand its features, and maintain optimal performance. The G435 headset offers versatile connectivity, a lightweight design for extended comfort, and high-fidelity audio for an immersive gaming experience.



Image: The Logitech G435 headset in black, showcasing its sleek design and the included LIGHTSPEED USB-A receiver.

WHAT'S IN THE BOX

Before you begin, please ensure all components are present:

- G435 Headset
- LIGHTSPEED wireless USB-A receiver
- USB-C to USB-A charging cable

IN THE BOX



Image: A visual representation of the items included in the Logitech G435 product packaging: the headset, LIGHTSPEED USB receiver, and charging cable.

SETUP

Connecting via LIGHTSPEED Wireless (PC, Mac, PlayStation)

For a low-latency, gaming-grade connection, use the included LIGHTSPEED USB-A receiver:

1. Insert the LIGHTSPEED USB-A receiver into a USB port on your PC, Mac, PlayStation 4, or PlayStation 5.
2. Power on your G435 headset by pressing and holding the power button for 3 seconds.
3. The headset will automatically connect to the receiver. The status indicator light on the headset will turn cyan when

connected via LIGHTSPEED.

LIGHTSPEED WIRELESS



Image: A user wearing the Logitech G435 headset, highlighting the seamless LIGHTSPEED wireless connection for gaming.

Your browser does not support the video tag.

Video: A short demonstration on how to connect the Logitech G435 headset to a PC using the LIGHTSPEED USB receiver.

Connecting via Bluetooth (Smartphones, Nintendo Switch, other Bluetooth audio devices)

For mobile devices and other Bluetooth-enabled platforms:

1. With the headset powered on, press and hold the **Power** button and the **Mute** button simultaneously for 3 seconds. The status indicator light will flash blue, indicating pairing mode.
2. On your device (smartphone, Nintendo Switch, etc.), go to Bluetooth settings and select "G435" from the list of

available devices.

3. Once connected, the status indicator light on the headset will turn solid blue.



Image: The Logitech G435 headset with visual cues demonstrating its low-latency Bluetooth compatibility across multiple device types.

Your browser does not support the video tag.

Video: A brief guide on how to connect the Logitech G435 headset to a Mac using Bluetooth.

Switching Between Devices

To switch between LIGHTSPEED and Bluetooth connections:

- Press and hold the **Mute** button for 3 seconds. The headset will toggle between the last connected LIGHTSPEED and Bluetooth devices.
- The status indicator light will change to cyan for LIGHTSPEED or blue for Bluetooth to confirm the active connection.

OPERATING YOUR HEADSET

Controls Overview

The Logitech G435 features intuitive controls located on the left earcup:

- **Power Button:** Press and hold to turn on/off. Short press to check battery status.
- **Volume Up/Down Buttons:** Adjust audio volume.
- **Mute Button:** Mute/unmute the microphone. Press and hold for 3 seconds to switch between LIGHTSPEED and Bluetooth modes.



Image: A detailed diagram highlighting the various controls and features of the Logitech G435 headset, including volume controls, mute/wireless mode switch, USB-C charging port, and dual-axis adjustable earcups.

Audio Features

Experience high-fidelity audio with the G435 headset:

- **40 mm Audio Drivers:** Deliver clear and balanced sound for gaming and media.
- **Dolby Atmos, Tempest 3D AudioTech, and Windows Sonic Compatibility:** Provides an immersive surround sound experience on supported platforms.



Image: A cutaway view of the Logitech G435 earcup, emphasizing the powerful 40mm audio drivers responsible for high-fidelity sound.

Microphone Usage

The G435 features built-in dual beamforming microphones:

- These microphones eliminate the need for a traditional mic arm, offering a clean aesthetic.
- They are designed to reduce background noise, ensuring your voice is heard clearly during communication.

BE HEARD LOUD AND CLEAR



DUAL BEAMFORMING MICS



Image: A close-up shot of the Logitech G435 headset being worn, illustrating the discreet placement of the dual beamforming microphones for clear voice capture.

Battery Life

The G435 headset provides up to 18 hours of battery life on a single charge, allowing for extended gaming sessions, conversations, and music listening.

18 HOURS OF COMFORTABLE PLAY TIME

WEIGHS JUST 165g



Image: The Logitech G435 headset held by hands, with an overlay indicating its 18 hours of comfortable play time and battery icon.

Volume Limiter

For hearing protection, an optional max volume limiter can be activated to keep audio output below 85 decibels during extended use. Refer to the official Logitech G software or documentation for instructions on enabling this feature.

MAINTENANCE

Charging the Headset

To charge your G435 headset:

1. Connect the included USB-C to USB-A charging cable to the USB-C port on the headset (located on the left

earcup).

- 2. Plug the USB-A end of the cable into a powered USB port (e.g., computer, wall adapter).
- 3. The status indicator light will glow solid amber while charging and turn green when fully charged. A full charge takes approximately 2 hours.

Cleaning and Care

To ensure the longevity of your headset:

- Wipe the headset surfaces with a soft, dry cloth.
- Avoid using harsh chemicals or abrasive materials.
- Keep the headset away from extreme temperatures and moisture.

TROUBLESHOOTING

If you encounter issues with your Logitech G435 headset, try the following solutions:

Problem	Possible Solution
No audio or microphone not working	Ensure the headset is powered on and fully charged. Verify the headset is connected to the correct device via LIGHTSPEED (cyan light) or Bluetooth (blue light). Check your device's audio output settings to ensure the G435 is selected. Ensure the microphone is not muted (check the mute button on the headset). For PC/Mac, check sound input/output settings in your operating system.
Headset not pairing/connecting	For LIGHTSPEED, ensure the USB receiver is securely plugged in. For Bluetooth, ensure the headset is in pairing mode (flashing blue light). Try restarting both the headset and the device you are trying to connect to. Clear previous Bluetooth connections on your device and try pairing again.
Short battery life	Ensure the headset is fully charged before use (approx. 2 hours). Battery life can vary based on usage and volume levels.
Audio quality issues (e.g., low bass)	The G435 is designed for balanced audio. For enhanced bass, consider adjusting your device's equalizer settings if available. Ensure the headset is properly seated on your ears for optimal sound seal.

SPECIFICATIONS

Feature	Detail
---------	--------

Feature	Detail
Model Number	981-001049
Connectivity	LIGHTSPEED Wireless, Bluetooth 5.2
Compatible Devices	PC (Windows 10 or later), Mac (macOS X 10.14 or later), PlayStation 5, PlayStation 4, Nintendo Switch, Smartphones
Audio Drivers	40 mm Dynamic Drivers
Microphone	Dual Beamforming Mics (built-in)
Battery Life	Up to 18 hours
Charging Time	Approx. 2 hours
Weight	5.8 ounces (165 g)
Frequency Response	20 Hz - 20 kHz
Impedance	45 Ohm
Wireless Range	Up to 10 meters (Bluetooth)
Material	Memory Foam, Plastic, Fabric
Recycled Content	Minimum 22% certified post-consumer recycled plastic in plastic parts

WARRANTY AND SUPPORT

For detailed warranty information and technical support, please refer to the official Logitech G website or the full User Manual PDF provided with your product. You can also find additional resources and FAQs online.
Official User Manual (PDF): [Download Here](#)

© 2024 Logitech G. All rights reserved.

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

Open the live page

<https://manuals.plus/asin/B08R8DT7X6>

More documents and user manuals: <https://manuals.plus/>