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› [Logitech G](#) /

› Logitech G435 LIGHTSPEED and Bluetooth Wireless Gaming Headset User Manual

Logitech G G435

Logitech G435 LIGHTSPEED and Bluetooth Wireless Gaming Headset User Manual

Brand: Logitech G | **Model:** G435

1. PRODUCT OVERVIEW

The Logitech G435 is a versatile wireless gaming headset designed for comfort and high-fidelity audio. It offers dual connectivity options: LIGHTSPEED wireless for gaming-grade performance and low-latency Bluetooth for broader compatibility with various devices. Its lightweight design and dual beamforming microphones make it suitable for extended use and clear communication.

Key Features:

- **Versatile Connectivity:** Features LIGHTSPEED wireless and low-latency Bluetooth for compatibility with PC, Mac, smartphones, PlayStation, and Nintendo Switch.
- **Lightweight Design:** Weighs only 5.8 oz (165 g) for comfortable all-day wear.
- **Superior Voice Quality:** Built-in dual beamforming microphones reduce background noise, eliminating the need for a mic arm.
- **Immersive Sound:** Equipped with 40 mm drivers and compatibility with Dolby Atmos, Tempest 3D AudioTech, and Windows Sonic for surround sound.
- **Long Battery Life:** Provides up to 18 hours of continuous use on a single charge.
- **Total Comfort:** Designed for a wide range of users, including those with smaller head sizes, featuring memory foam ear cushions.
- **Sustainable Materials:** Plastic parts include 22% certified post-consumer recycled plastic, and packaging uses FSC-certified paper.
- **Hearing Protection:** Optional max volume limiter at less than 85 decibels for extended safe listening.

2. WHAT'S IN THE BOX

Upon unboxing your Logitech G435 headset, you should find the following components:

- Logitech G435 Wireless Gaming Headset
- LIGHTSPEED USB-A Receiver
- USB-C to USB-A Charging Cable
- User Manual (this document)

IN THE BOX



Image: The Logitech G435 headset, its LIGHTSPEED USB receiver, and the USB-C charging cable as packaged in the box.

3. SETUP

3.1 Initial Power On

To power on your Logitech G435 headset, press and hold the power button located on the left earcup for approximately 1.5 seconds until the LED indicator illuminates.



Image: The Logitech G435 headset, showcasing its design and the included LIGHTSPEED USB receiver.

3.2 Connecting via LIGHTSPEED Wireless (PC, Mac, PlayStation)

For a high-performance, low-latency connection, use the included LIGHTSPEED USB-A receiver:

1. Plug the LIGHTSPEED USB-A receiver into an available USB port on your PC, Mac, PlayStation 4, or PlayStation 5.
2. Ensure your G435 headset is powered on.
3. The headset will automatically connect to the receiver. The LED indicator on the headset will light **cyan** when connected via LIGHTSPEED.

3.3 Connecting via Bluetooth (PC, Mac, Smartphones, Nintendo Switch)

For broader compatibility with Bluetooth-enabled devices:

1. Ensure your G435 headset is powered on.
2. To enter Bluetooth pairing mode, press and hold the **Power button and the Mute button simultaneously for 3 seconds**. The LED indicator will rapidly flash **blue**.
3. On your device (PC, Mac, smartphone, Nintendo Switch), navigate to Bluetooth settings and select 'G435' from the list of available devices to pair.
4. The LED indicator on the headset will light solid **blue** for 5 seconds once successfully paired.

LOW-LATENCY BLUETOOTH



● **PAIR BLUETOOTH**
Press Power + Mute
buttons for 3 sec.



● **SWITCH BETWEEN
DEVICES**
Press Mute for 3 sec.



Image: A close-up of the G435 headset's left earcup, illustrating the buttons for power, volume, and mute, along with the LED indicator for Bluetooth pairing and mode switching.

4. OPERATING INSTRUCTIONS

4.1 Controls Overview

The main controls are located on the left earcup:

- **Power Button:** Press and hold for 1.5 seconds to turn on/off.

- **Volume Up/Down Buttons:** Adjust audio volume.
- **Mute Button:** Press to mute/unmute the microphone.
- **Mode Switch (Mute Button):** Press and hold the Mute button for 3 seconds to switch between LIGHTSPEED wireless and Bluetooth connectivity.



Image: An annotated diagram of the G435 headset, pointing out key physical features and controls for user reference.

4.2 Audio Features

The G435 headset delivers high-fidelity audio through its 40 mm audio drivers. It is compatible with spatial audio technologies such as Dolby Atmos, Tempest 3D AudioTech (for PlayStation), and Windows Sonic, providing an immersive surround sound experience for gaming and media consumption.

HIGH FIDELITY SOUND

POWERFUL 40 MM AUDIO DRIVERS

Image: An internal view highlighting the 40mm audio driver, responsible for the headset's high-fidelity sound output.

4.3 Microphone Usage

The headset features integrated dual beamforming microphones. These microphones are designed to reduce background noise and ensure your voice is heard clearly without the need for an external mic arm. Press the mute button on the left earcup to toggle microphone mute on or off.

BE HEARD LOUD AND CLEAR

G435

DUAL BEAMFORMING MICS



Image: The G435 headset being worn, illustrating the discreet dual beamforming microphones that provide clear audio input.

5. MAINTENANCE

5.1 Charging the Headset

The G435 headset has an 18-hour battery life. To charge, connect the supplied USB-C to USB-A charging cable to the USB-C port on the headset (located on the left earcup) and the other end to a powered USB-A port (e.g., on your computer or a wall adapter). The LED indicator will show charging status.

18 HOURS OF COMFORTABLE PLAY TIME

WEIGHS JUST 165g



Image: The G435 headset in hand, emphasizing its light weight and long battery life, ideal for extended gaming sessions.

5.2 Cleaning and Storage

To maintain your headset's condition:

- Wipe the headset with a soft, dry cloth. Avoid using harsh chemicals or abrasive materials.
- For the ear cushions, gently wipe with a damp cloth if necessary, and allow to air dry completely before use.
- Store the headset in a cool, dry place away from direct sunlight and extreme temperatures.
- When not in use for extended periods, ensure the headset is fully charged before storage to preserve battery health.

6. TROUBLESHOOTING

6.1 Connectivity Issues

- **No Sound/Disconnections:** Ensure the headset is powered on and fully charged. Verify that the LIGHTSPEED USB receiver is securely plugged into your device, or that Bluetooth is enabled and the headset is paired correctly. Try re-pairing the headset by holding the mute button for 3 seconds to switch modes, or re-initiating Bluetooth

pairing.

- **Interference:** Move closer to your LIGHTSPEED receiver or Bluetooth device. Avoid placing the headset near other wireless devices that might cause interference (e.g., Wi-Fi routers, microwaves).

6.2 Microphone Issues

- **Muffled/No Audio:** Check if the microphone is muted (press the mute button). Ensure the headset is selected as the input device in your operating system's sound settings or communication application (e.g., Discord, Zoom).
- **Background Noise:** While the dual beamforming mics reduce noise, ensure you are in a relatively quiet environment for optimal clarity.

6.3 Power Issues

- **Headset Not Turning On:** Ensure the headset has sufficient charge. Connect it to a power source using the charging cable.
- **Short Battery Life:** Ensure the headset is fully charged before each use. Reduce volume levels if consistently high.

For more detailed troubleshooting or advanced support, please refer to the official Logitech G435 User Manual PDF available online or contact Logitech G customer support.

7. SPECIFICATIONS

Feature	Specification
Model Name	G435
Item Model Number	981-001073
Connectivity Technology	LIGHTSPEED Wireless, Bluetooth
Bluetooth Version	5.0
Headphones Jack	Wireless
Audio Driver Size	40 mm
Frequency Response	20 - 20000 Hz
Impedance	45 Ohm
Microphone Type	Dual Beamforming Mics
Battery Life	18 Hours (approx.)
Charging Time	Approx. 1.5 hours for full charge
Power Source	Battery Powered (1 Lithium Polymer battery included)
Item Weight	5.8 Ounces (165 g)
Product Dimensions (LxWxH)	6.41 x 6.69 x 2.79 inches
Material	Plastic (22% certified post-consumer recycled plastic)

Compatible Devices

PC (Windows 10 or later), MacOS X 10.14 or later, PlayStation 5, PlayStation 4, Nintendo Switch, Smartphones

8. WARRANTY AND SUPPORT

Logitech G products are designed for reliability and performance. For information regarding your product's warranty, please refer to the warranty documentation included with your purchase or visit the official Logitech G website.

For further assistance, technical support, or to explore additional resources, please visit the [Logitech G Store](#) or the official Logitech support page. You can also download the comprehensive User Manual in PDF format from [here](#).

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