

[Manuals.plus](#) /

› [Logitech G](#) /

› Logitech G522 Lightspeed Wireless Gaming Headset Instruction Manual

Logitech G G522

Logitech G522 Lightspeed Wireless Gaming Headset Instruction Manual

Model: G522 | Brand: Logitech G

INTRODUCTION

The Logitech G522 LIGHTSPEED Wireless Gaming Headset is engineered for an immersive audio experience, offering versatile connectivity, clear communication, and customizable aesthetics. This manual provides comprehensive instructions for setting up, operating, maintaining, and troubleshooting your headset to ensure optimal performance.



Logitech G522 Lightspeed Wireless Gaming Headset in black with purple headband accents and glowing RGB side panels.

WHAT'S IN THE BOX

Ensure all components are present upon unboxing:

- G522 LIGHTSPEED Wireless Gaming Headset
- USB-A LIGHTSPEED Wireless Receiver
- USB-C Cable

- Detachable Mic
- User Manual

IN THE BOX



All items included in the Logitech G522 Lightspeed Wireless Gaming Headset package.

SETUP

1. Initial Charge

Before first use, fully charge your headset using the provided USB-C cable. Connect the USB-C end to the headset and the USB-A end to a powered USB port on your computer or a wall adapter. The LED indicator on the headset will show charging status.

2. Attaching the Microphone

Insert the detachable microphone into the port located on the left earcup until it clicks securely into place.

3. Connecting to Your Device

The G522 offers three connectivity options:

- **LIGHTSPEED Wireless (PC):** Plug the USB-A LIGHTSPEED Wireless Receiver into an available USB-A port on your PC. Turn on the headset. The headset should automatically connect.
- **Bluetooth (Mobile Devices):** With the headset powered on, press and hold the LIGHTSPEED/Bluetooth button until the LED blinks blue. Go to your device's Bluetooth settings and select "G522 Gaming Headset" to pair.
- **Wired (USB-A to USB-C):** Connect the headset directly to your device using the USB-C cable. This mode provides uninterrupted play and charges the headset simultaneously.

TRI-MODE CONNECTIVITY



**LIGHTSPEED WIRELESS +
BLUETOOTH + USB**

The Logitech G522 supports Lightspeed wireless, Bluetooth, and wired USB connections.

OPERATING YOUR HEADSET

Headset Controls

All primary controls are conveniently located on the left earcup:

- **Power On/Off Switch:** Slide to power the headset on or off.
- **LIGHTSPEED/Bluetooth Button:** Press to switch between LIGHTSPEED and Bluetooth modes. Hold to initiate Bluetooth pairing.
- **Volume Scroll Wheel:** Roll up or down to adjust the master volume.
- **Mute Button:** Press to mute or unmute the microphone. A red LED on the microphone tip indicates it is muted.

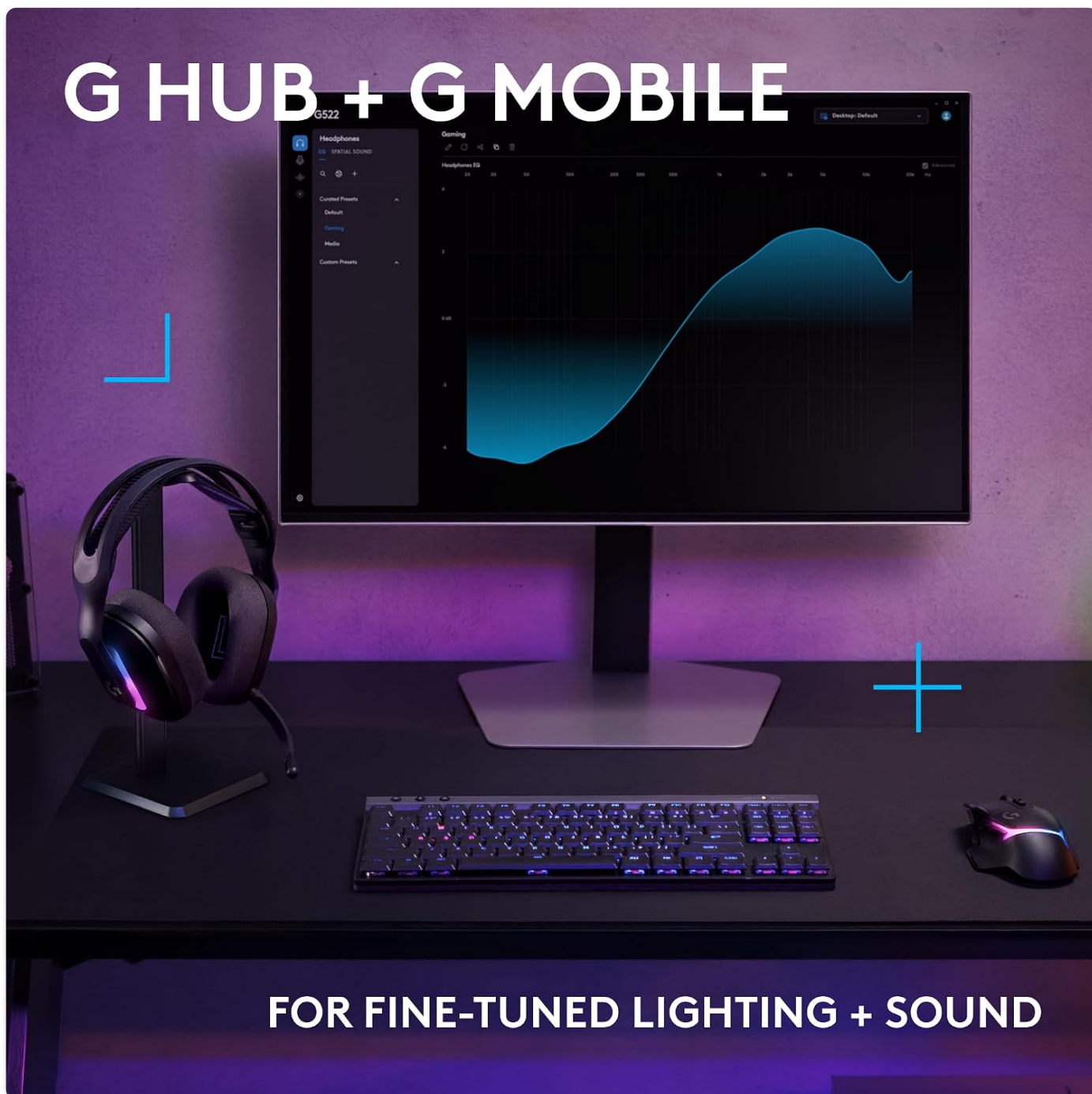


Detailed view of the controls and features on the Logitech G522 headset.

Customization with G HUB and G Mobile App

For advanced customization of audio profiles, microphone settings (including Blue VO!CE), and LIGHTSYNC RGB lighting, download the Logitech G HUB software for PC or the G Mobile app for mobile devices. These applications allow you to fine-tune your headset to your preferences.

G HUB + G MOBILE



FOR FINE-TUNED LIGHTING + SOUND

Customize your audio and lighting settings using the G HUB software or G Mobile app.

KEY FEATURES

- **LIGHTSYNC RGB Lighting:** Experience bold, sleek design with customizable side-facing LIGHTSYNC RGB lighting in eight zones, offering up to 16.8 million colors.

LIGHTSYNC RGB



8 CUSTOMIZABLE LIGHTING ZONES

Vibrant LIGHTSYNC RGB lighting on the G522 headset.

- **Full Bandwidth Microphone with Blue VO!CE:** Achieve best-in-class voice clarity with a 48 kHz/16-bit microphone, ensuring crystal-clear in-game communication and broadcast-quality audio streaming. Enhance your voice output with Blue VO!CE technology via G HUB.

BEST MIC IN GAMING



48KHZ/16BIT + BLUE VO!CE

The G522's microphone offers exceptional clarity for gaming and streaming.

- **PRO-G Audio Drivers:** State-of-the-art PRO-G audio drivers deliver synchronized 48 kHz/24-bit audio, providing exceptional sound quality, low distortion, and rich bass for an immersive experience.

IMMERSIVE SOUND



SYNCHRONIZED PRO-G AUDIO DRIVERS

PRO-G audio drivers provide immersive sound quality.

- **Tri-Connectivity:** Choose your preferred listening mode: LIGHTSPEED wireless for PC, Bluetooth for mobile devices, or wired USB-A to USB-C for uninterrupted play and charging.
- **Lightweight Comfort:** Designed for style, comfort, and durability, the lightweight 280g build features a washable suspension band and rounded cushion ear cups for an upgraded fit, ideal for marathon play sessions.

LIGHTWEIGHT COMFORT



FOR MARATHON SESSIONS

The G522 headset is designed for comfort during extended use.

- **Extended Battery Life:** Enjoy up to 60 hours of battery life (with lighting off) and effortless wireless connectivity up to 30 meters, allowing freedom of movement without missing a beat.

MAINTENANCE

To ensure the longevity and optimal performance of your Logitech G522 headset, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to clean the headset. For earcups and headband, a slightly damp cloth with mild soap can be used, but ensure they are completely dry before use. The suspension band is washable.
- **Storage:** Store the headset in a cool, dry place away from direct sunlight and extreme temperatures.
- **Cable Care:** Avoid sharp bends or excessive pulling on the USB-C cable and microphone cable to prevent damage.
- **Microphone Care:** The detachable microphone can be removed when not in use to prevent accidental damage.

TROUBLESHOOTING

If you encounter issues with your G522 headset, try the following solutions:

- **No Audio/Low Volume:**
 - Ensure the headset is powered on and connected to the correct device via LIGHTSPEED, Bluetooth, or wired USB.
 - Check the volume scroll wheel on the headset and your device's master volume settings.
 - Verify that the correct audio output device is selected in your computer's sound settings.
 - Update Logitech G HUB software and headset firmware.
- **Microphone Not Working:**
 - Ensure the microphone is securely attached and not muted (check for red LED on mic tip).
 - Check your device's sound settings to ensure the G522 microphone is selected as the input device.
 - Adjust microphone settings within Logitech G HUB, including Blue VO!CE.
- **Connectivity Issues (Disconnects/Pairing):**
 - For LIGHTSPEED, ensure the USB receiver is plugged directly into a USB port, not a hub, and is within range (up to 30 meters).
 - For Bluetooth, ensure the headset is in pairing mode and within range of your mobile device. Try unpairing and re-pairing.
 - Avoid sources of interference (e.g., Wi-Fi routers, other wireless devices).
 - Perform a hard reset of the headset if issues persist (refer to Logitech support for specific steps).
- **Charging Problems:**
 - Ensure the USB-C cable is fully inserted into both the headset and the power source.
 - Try a different USB port or charging cable.
 - If the headset is completely discharged, it may take a few minutes for the charging indicator to appear.

SPECIFICATIONS

Feature	Detail
Model Name	G522
Connectivity Technology	Wired, Wireless (LIGHTSPEED, Bluetooth)
Wireless Communication Technology	Bluetooth 5.0
Bluetooth Range	30 Meters
Audio Driver Type	PRO-G Dynamic Driver
Frequency Response	20 Hz - 20 KHz
Sensitivity	97 dB
Impedance	38 Ohms
Microphone	Full Bandwidth 48 kHz/16 bit, Blue VO!CE

Feature	Detail
Battery Life	Up to 60 Hours (lighting off)
Charging Time	60 Hours (full charge duration, not charging time)
Item Weight	290 Grams (approx. 10.2 ounces)
Material	Plastic
Noise Control	Sound Isolation
Hardware Platform	PC
Special Features	LIGHTSYNC RGB, PRO-G Audio Drivers, Blue VO!CE, Tri-Connectivity

PRODUCT OVERVIEW VIDEO

Your browser does not support the video tag.

Official Logitech G522 Product Video, showcasing key features and design.

WARRANTY AND SUPPORT

For warranty information, technical support, or additional assistance, please visit the official Logitech G support website or refer to the warranty card included in your product packaging. You can also find FAQs and troubleshooting guides online.

Manufacturer: Logitech

Online Support: support.logi.com

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