ComX Computers
Product Specification Sheet

981-001544

Logitech G522 LIGHTSPEED Black Wireless Gaming Headset with LIGHTSYNC RGB

Product Overview

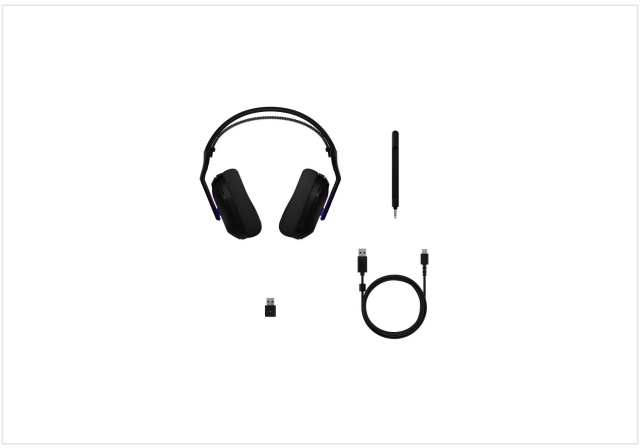
Logitech G522 LIGHTSPEED Black Wireless Gaming Headset with LIGHTSYNC RGB. Tri-mode connectivity (LIGHTSPEED wireless, Bluetooth, USB-C); 40mm PRO-G audio drivers; Detachable omnidirectional microphone (48kHz/16-bit); Customizable LIGHTSYNC RGB lighting; Up to 90 hours battery life without RGB; Compatible with PC, PS5, Nintendo Switch, mobile devices; Lightweight design (290g); Logitech G HUB and mobile app support; Ideal for gaming, streaming, and multimedia consumption











Specifications

About this product

The Logitech G522 LIGHTSPEED wireless gaming headset delivers precise game audio through 40mm PRO-G drivers, tri-mode connectivity, and a detachable broadcast-grade mic, offering a responsive, low-latency experience for competitive and casual players.

Overview Summary

Logitech G522 LIGHTSPEED Wireless Gaming Headset

The Logitech G522 LIGHTSPEED headset combines long battery life, advanced wireless performance, and rich RGB customization to create an immersive audio experience for gaming, streaming, and multimedia sessions. Its LIGHTSPEED wireless mode provides stable, high-speed audio with ultra-low latency, while Bluetooth and USB-C options ensure broad device compatibility.

Equipped with 40mm PRO-G drivers, the G522 delivers balanced sound with strong detail and clean highs. The detachable omnidirectional microphone captures voice clearly for team communication, and the lightweight 290g design enhances comfort during long play sessions. Support from Logitech G HUB and the mobile app allows users to fine-tune audio profiles, RGB lighting, EQ settings, and mic controls.

With up to 90 hours of battery life without RGB lighting activated, this headset is built for extended gaming sessions. Cross-platform use on PC, PS5, Nintendo Switch, and mobile devices makes it a versatile choice for players seeking wireless freedom and dependable performance.

Performance tier: High performance gaming headset

Uses: Gaming, streaming, voice chat, multimedia playback

Overview

Play like a legend with a headset designed for performance PC gaming. Immersive HQ audio, the best mic in gaming, and sleek side-facing LIGHTSYNC RGB makes every play, achievement, and breakthrough in your game legendary.

Description

The Logitech G522 LIGHTSPEED wireless gaming headset is engineered to deliver reliable, low latency audio across multiple platforms. With three connectivity modes, users can switch seamlessly between LIGHTSPEED wireless for gaming, Bluetooth for mobile use, and USB-C for wired digital audio. The custom tuned 40mm PRO-G drivers deliver crisp highs and controlled

bass, providing accurate sound positioning in games and rich clarity for entertainment.

Designed for comfort and long use, the 290g construction reduces fatigue, and the ear cushions maintain comfort over extended sessions. The detachable omnidirectional microphone captures natural voice audio for team chat and streaming, and can be removed when using the headset for music or travel. RGB lighting powered by LIGHTSYNC offers custom color effects when used with Logitech G HUB.

With cross-platform support including PC, PS5, Nintendo Switch, and mobile devices, the G522 is built to fit into any gaming setup. Long battery life of up to 90 hours ? RGB ensures uninterrupted use, while software customization adds layers of control over audio tuning, lighting, and profiles.

Features

- Tri mode connectivity with LIGHTSPEED wireless, Bluetooth, and USB-C for maximum compatibility.
- 40mm PRO-G audio drivers designed for detailed, accurate sound reproduction.
- Detachable omnidirectional microphone with clear voice capture for gaming communication.
- LIGHTSYNC RGB customization through Logitech G HUB for personalized lighting effects.
- Up to 90 hours battery life without RGB lighting for extended wireless play.
- Lightweight 290g frame for comfort during long gaming and multimedia sessions.
- Compatible with PC, PS5, Nintendo Switch, and mobile devices.
- G HUB and mobile app support for EQ adjustment, mic tuning, and profile control.

LEGENDARY GEAR. LEGENDARY PLAY.
G522 LIGHTSPEED is designed for extensive play and unrivaled performance-as part of the legendary G5 Series. With dynamic LIGHTSYNC RGB lighting, immersive sound, and the best microphone in gaming, G522 makes every play, achievement, and breakthrough in your game feel truly legendary.

SYNCHRONIZED PRO-G AUDIO DRIVERS
Whether you're sneaking past guards, unlocking legendary loot, or just vibing out in an RPG, every sound matters. Capture the full soundscape of your game with low-profile synchronized audio.

SPATIAL ACCURACY
Differences between left and right audio affect the locational accuracy of the sounds we hear creating a disadvantage for the listener. With G522 LIGHTSPEED we've solved these distortions through synchronized, self-contained, acoustic modules so players know precisely when and where in-game sounds are coming from.

Audio Layers
When listening to game audio, many different sound layers play at the same time, like music, sound effects, dialog, voice chat, and more. PRO-G drivers are built to reproduce audio from multiple sound layers simultaneously so you hear each sound layer as clearly as possible.

Better bass
Sound waves bounce off any surface they come in contact with and with each bounce the sound changes. Since our acoustic modules are completely isolated from other components that gives us more control to increase the bass output for a richer audio experience.

Best-in-class microphone
Your game does the talking for you. But when you need to rally the squad or announce your latest legendary move, make every word crystal clear with best in class full bandwidth 48 kHz voice clarity and BLUE VO!CE tech.

BROADCAST QUALITY MIC
48 KHZ is the highest bandwidth mic you can get in a gaming headset and is only matched by the likes of A50 and A50 X. More bandwidth means more data and more data means more clarity so you always come through loud and clear on comms.

The only downside is always being asked "wait, what mic are you using?"

BLUE VO!CE CUSTOMIZATION
BLUE VO!CE gives you deep voice customization and tuning options from Input Gain, to Mic EQ, and SIGNAL CLEANUP so you can tailor your sound in exactly the way you want to. When you find your winning combo use the SAMPLER TOOL to hear how it all came together.

REMOVABLE MIC WITH MUTE LED
The 48 kHz mic boom is fully removable so if you don't need your mic you can easily pop it out making it easier to pack your headset, drink your drink, snack on your snack, or anything else. The mic boom even has a red LED in the tip so you know for sure whenever you go on mute.

LIGHTWEIGHT COMFORT
Seriously comfortable design with dual-layers of memory foam to cushion and cool, softer and more durable fabrics, a larger and more natural ear cup shape, and a suspension band with ridges for better airflow, all at a comfortably light 290g.

LIGHTSPEED TRI-MODE CONNECTIVITY
Connect in 3 different ways with pro-grade LIGHTSPEED wireless via G522's included LIGHTSPEED dongle, Bluetooth wireless for even more connection options, and USB-C wired with audio and data passthrough.

DYNAMIC LIGHTSYNC RGB
G522 LIGHTSPEED's unmistakable, recessed, LIGHTSYNC RGB has 8 total customizable lighting zones and 16.8 million colors to choose from. Try out different lighting effects and patterns to personalize your look for any game, outfit, setup, or vibe.

CUSTOMIZATION SOFTWARE
G HUB and G MOBILE bring out the best in your Logitech G gear. Download on PC, Mac, or mobile to update your gear, adjust settings, synchronize lights, and personalize until it's truly yours.

G HUB
Download G HUB for PC or Mac to have ultimate control over your Logitech G gear.

G Mobile
Download G MOBILE for your smartphone or mobile device to adjust your Logitech G gear on the go.

ENVIRONMENTAL IMPACT
Logitech continues to push boundaries to reduce our impact. By 2030, we will reduce Scope 1 and 2 emissions to near zero and reduce Scope 3 emissions by more than half. G522 LIGHTSPEED is made of 27% certified PCR plastics with all paper packaging.

What's in the Box

- Logitech G522 LIGHTSPEED Wireless Gaming Headset
- Detachable omnidirectional microphone
- USB-C cable
- Wireless LIGHTSPEED dongle
- User documentation

Specifications

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Specifications	
Product Code	981-001544
Headphone	Driver: 40mm PRO-G Drivers
	Headphone Frequency Response: 20Hz-20kHz
	Headphone Sensitivity: 97dB at 1000Hz with input 0.62V(10mW)/1cm
Microphone	Pick up pattern: Omni
	Microphone Frequency response: 70Hz-20kHz
Sustainability	Responsible Packaging: The paper packaging of G522 comes from FSC &#-497;-certified forests and other controlled sources.
	Recycled Plastics: The plastic parts* in G522 include certified post-consumer recycled plastic (27%) to give a next life to plastic from old consumer electronics and help reduce our carbon footprint. *Excludes plastic in printed wiring assembly and packaging.
Battery & Charging	Battery life: Rechargeable (Refers to the duration of continuous playing with 78dB SPL sound pressure when the product is stably connected after charging the product to 100% power. Battery life may vary based on user and computing conditions.)
	No lighting: up to 90 hrs
	Default lighting: up to 40 hrs
Connectivity	Connectivity Connection Type: Tri Mode LIGHTSPEED Wireless via USB-A USB-C to USB-A Wired
	Bluetooth version: 5.3
	Connectivity Wireless range: Up to 30 meters
System Requirements	LIGHTSPEED: Windows or macOS with an available USB 2.0 port or PlayStation 5 gaming console.
	Bluetooth: Compatible with devices supporting Bluetooth 5.0 or greater
	Additional software: Internet access required for G HUB, Logitech G Mobile App, and DTS Headphone X features on compatible platforms.

FAQ

Is the Logitech G522 compatible with consoles?

Yes, the G522 works with PC, PS5, Nintendo Switch, and mobile devices using a combination of LIGHTSPEED wireless, Bluetooth, and USB-C connectivity.

How long does the battery last?

The headset delivers up to 90 hours of use without RGB lighting activated, making it suitable for long gaming or multimedia sessions.

Can the microphone be removed?

Yes, the microphone is fully detachable, allowing users to switch between gaming communication and general audio use

easily.

Does it support custom audio profiles?

Yes, Logitech G HUB and the mobile app allow users to tune EQ, microphone settings, and RGB lighting, as well as save custom profiles.

What type of audio drivers does the headset use?

The G522 uses Logitech 40mm PRO-G drivers, engineered to deliver detailed and balanced audio across gaming and entertainment content.

Product Information Online

For the latest product information, availability and purchasing details, please visit the product page:

Product page:
https://www.comx.co.za/981-001544-Logitech-G522-LIGHTSPEED-Black-Wireless-Gaming-Headset-with-LIGHTSYNC-p-332109.php

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