

[Manuals.plus](#) /

› [Logitech G](#) /

› Logitech G512 SE Lightsync RGB Mechanical Gaming Keyboard User Manual

Logitech G G512 SE

Logitech G512 SE Lightsync RGB Mechanical Gaming Keyboard User Manual

Model: G512 SE | Brand: Logitech G

INTRODUCTION

The Logitech G512 SE Lightsync RGB Mechanical Gaming Keyboard is a high-performance peripheral designed for an enhanced gaming and typing experience. It features customizable full-spectrum 16.8M color RGB lighting, durable mechanical switches, and a convenient USB passthrough port. This manual provides essential information for setting up, operating, maintaining, and troubleshooting your keyboard.

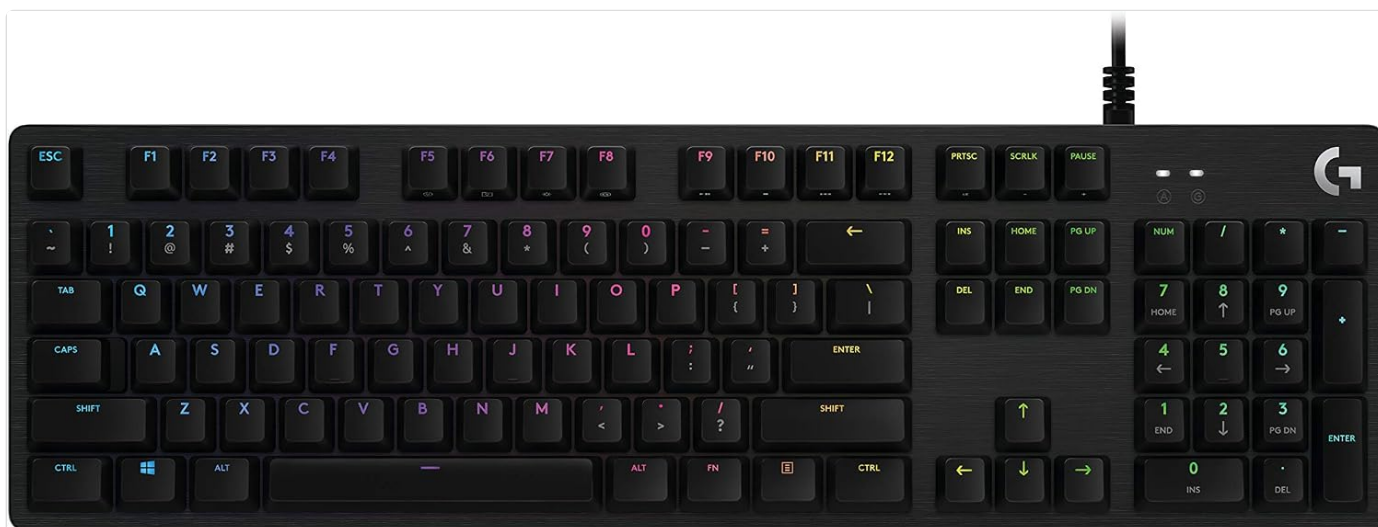


Figure 1: Logitech G512 SE Lightsync RGB Mechanical Gaming Keyboard, showcasing its full layout and vibrant RGB backlighting.

SETUP

Follow these steps to set up your Logitech G512 SE keyboard:

- 1. Connect the Keyboard:** Plug the main USB cable from the keyboard into an available USB port on your computer.
- 2. USB Passthrough:** For the integrated USB passthrough port to function, connect the secondary USB cable from the keyboard to another available USB port on your computer. This port allows you to connect a mouse, flash drive, or charge a phone directly through the keyboard.
- 3. Software Installation:** Download and install the Logitech G Hub software from the official Logitech G website (www.logitechg.com/ghub). This software is essential for customizing RGB lighting, setting up macros, and configuring game mode.



Figure 2: Detail of the USB passthrough port located on the keyboard, ready for connecting additional peripherals.

OPERATING THE KEYBOARD

The G512 SE keyboard offers a range of features for optimal performance:

- **Lightsync RGB Lighting:** The keyboard features full-spectrum 16.8M color RGB lighting with LIGHTSYNC technology, which synchronizes lighting effects with your games and media. Customize lighting profiles using the Logitech G Hub software.
- **Mechanical Switches:** Equipped with clicky mechanical switches, the keyboard provides a distinctive sound and tactile feedback with each keystroke, ideal for gaming and typing.
- **Media and Lighting Controls:** Access media controls and lighting adjustments directly using the FN (Function) key in combination with the F-keys (F5-F12). These controls allow you to manage volume, play/pause, skip tracks, mute, toggle lighting, and activate game mode.
- **Game Mode:** Activate game mode to disable specific keys (like the Windows key) that might interrupt your gameplay. This can be configured via the G Hub software.



Figure 3: The Logitech G512 SE keyboard from an elevated angle, showing the full key set and the dynamic RGB lighting effects.

MAINTENANCE

Proper maintenance ensures the longevity and performance of your keyboard:

- **Cleaning:** Regularly clean the keyboard surface with a soft, dry cloth. For deeper cleaning, use compressed air to remove dust and debris from between the keycaps. Avoid using harsh chemicals or abrasive materials.
- **Keycap Maintenance:** The GX Blue Clicky switches are compatible with standard Cherry MX keycaps, allowing for easy replacement or customization. When removing keycaps, use a keycap puller to avoid damaging the switches.
- **Cable Management:** Utilize the cable management spaces under the keyboard to keep your desk tidy and prevent cable damage.



Figure 4: A side profile view of the keyboard, illustrating its sleek design and the durable braided cable.

TROUBLESHOOTING

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

- **Keyboard Not Responding:**
 - Ensure both USB cables are securely plugged into your computer.
 - Try plugging the keyboard into different USB ports.
 - Restart your computer.
- **RGB Lighting Issues:**
 - Verify that the Logitech G Hub software is installed and running.
 - Check lighting settings within G Hub to ensure a profile is active and not set to off.
 - Ensure the lighting toggle (FN + F key combination) is not disabling the lights.
- **USB Passthrough Not Working:**
 - Confirm that the secondary USB cable from the keyboard is connected to your computer.
 - Ensure your computer has enough available USB ports and power to support the passthrough.
- **Loud Keystrokes:** The GX Blue Clicky switches are designed to be tactile and audible. If you desire a quieter experience, consider installing O-rings (not included) on the keycaps to dampen the sound.
- **No Number Lock/Scroll Lock Indicators:** Please note that this model does not feature dedicated LED indicators for Number Lock or Scroll Lock. This is by design.

SPECIFICATIONS

Feature	Detail
Brand	Logitech G
Model Number	920-009300
Series	G512 SE LIGHTSYNC RGB Mechanical Gaming Keyboard
Hardware Platform	PC
Operating System	Microsoft Windows
Item Weight	2.25 pounds
Product Dimensions (LxWxH)	5.2 x 17.52 x 1.34 inches
Color	Black
Power Source	Corded Electric
Number of Keys	104
Keyboard Backlighting	RGB (LIGHTSYNC)
Switch Style	Clicky (GX Blue)
Connectivity Technology	USB

Feature	Detail
Included Components	Charging Cable, User Manual

WARRANTY AND SUPPORT

For detailed warranty information and technical support, please refer to the official Logitech G website or the warranty card included with your product. You can also visit the Logitech G support page for FAQs, drivers, and contact options. Official Logitech G Support: support.logi.com

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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