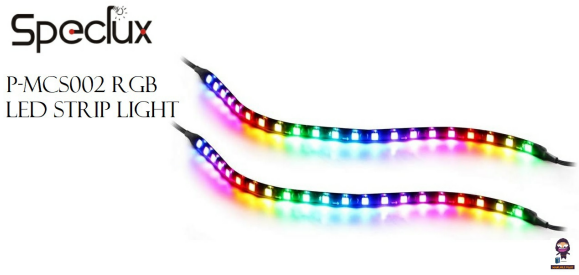

Speclux P-MCS002 RGB LED Strip Light Instruction Manual

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Speclux P-MCS002 RGB LED Strip Light

INTRODUCTION

A bright and adaptable lighting solution, the Speclux P-MCS002 RGB LED Strip Light is made to improve your PC configuration. This LED strip's smooth compatibility with contemporary gaming setups and motherboards is ensured by its 5V 3-pin RGB header or SATA connection. The Speclux RGB strip offers rich and adjustable illumination, whether you want to add dynamic effects or improve the aesthetics of your workspace.

With its remote control and USB and infrared connectivity, this LED strip makes color and brightness changes simple. With a variety of illumination modes for an engaging gaming experience, the app control function simplifies personalization. This product, which is reasonably priced at $19.99, strikes a balance between value and performance. Since its initial release by Speclux on January 10, 2019, it has grown in popularity due to its dependable performance and robustness. The Speclux P-MCS002 is a fantastic option if you're looking for a strong RGB lighting solution that's also simple to install!

SPECIFICATIONS

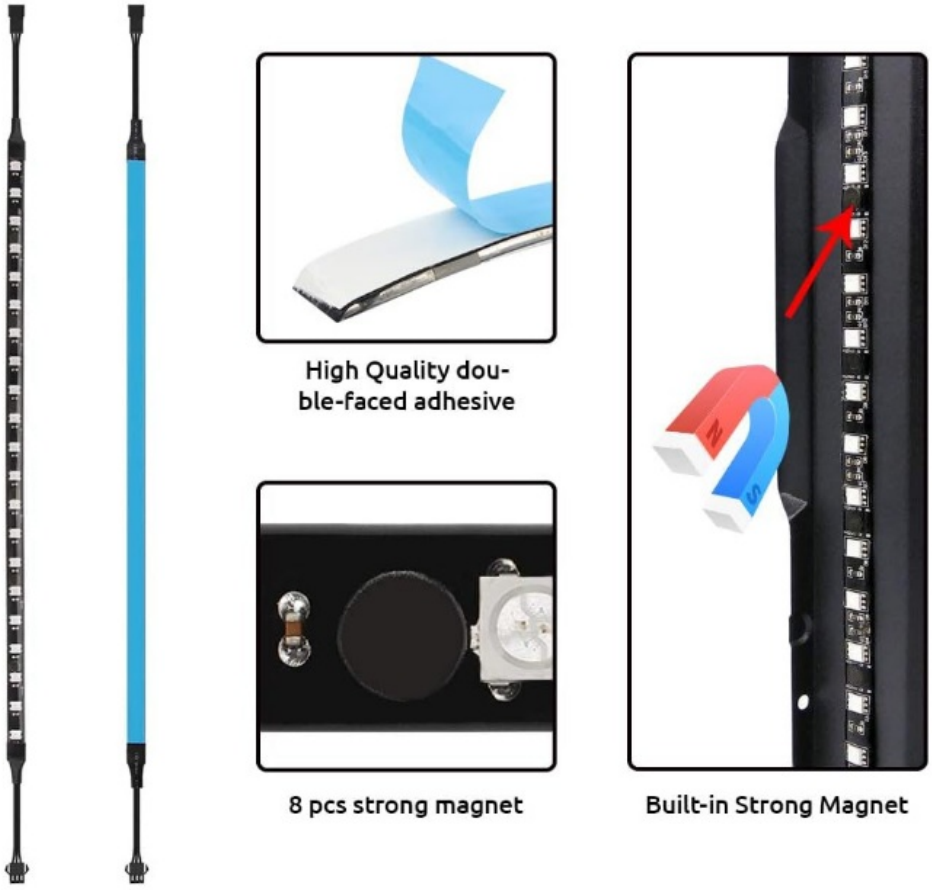
Brand	Speclux
Price	$19.99
Light Source Type	LED
Power Source	5V 3-pin RGB header or SATA connection
Controller Type	Remote Control
Connectivity Protocol	Proprietary Motherboard Connection
Connectivity Technology	Infrared, USB
Voltage	5 Volts
Bulb Shape Size	S6
Wattage	5 Watts
Bulb Base	GU24
Control Method	App
Item Dimensions (LxWxH)	3.98 x 3.74 x 1.57 inches
Weight	3.53 ounces
Item Model Number	P-MCS002
Date First Available	January 10, 2019
Manufacturer	Speclux

WHAT'S IN THE BOX

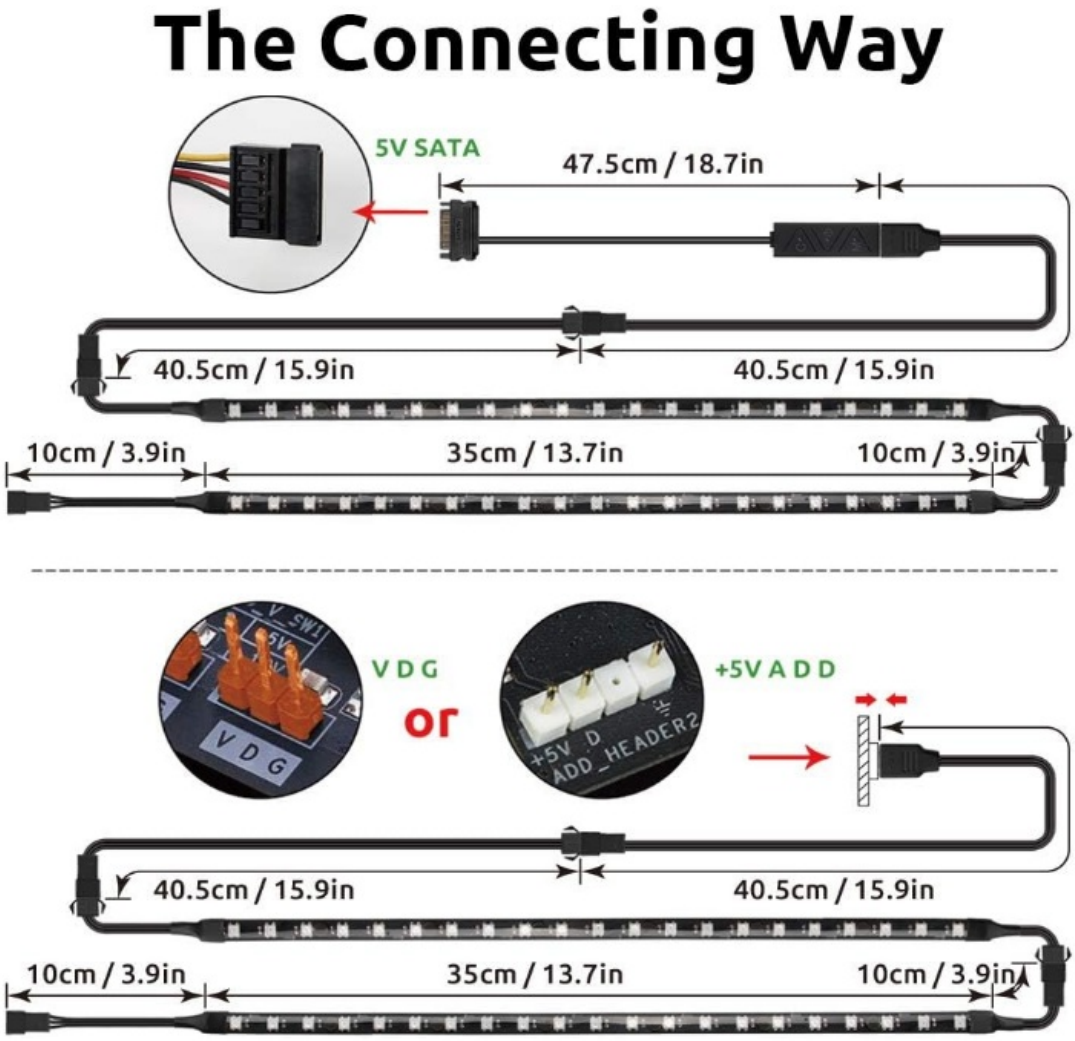
- RGB LED Strip Light
- Manual

FEATURES

- **Adaptable Lighting Effects:** Dynamic color shifts and animations are possible with a remote-controlled LED strip.
- **Multi-Motherboard Compatibility:** ASRock RGB LED, MSI Mystic Light, Gigabyte RGB Fusion, and Asus Aura are supported.
- **Magnetic & Glue Mounting:** This method makes installation simple and secure by utilizing double-sided glue and integrated magnets.



- **Dimmable Brightness Control:** Provides five static brightness settings for personalized illumination.
- **Variable Speed in Dynamic Mode:** This feature enables you to change the speed for different lighting effects.
- **Remote Control Operation:** A key controller is included for easy color and effect control.
- **Two Choices for Power Sources:** It can be powered by a SATA connection or a 5V 3-pin RGB motherboard header.



- **Broad Compatibility:** 42 addressable LEDs are used, guaranteeing vivid and bright lighting.
- **Contains Necessary Accessories:** Includes a 5V SATA connecting cable and two extension cords.
- **USB & Infrared Connectivity:** For greater versatility, this device supports both USB and infrared remote controls.
- **Minimal Power Consumption:** Ensured by operating on 5V electricity, which is low voltage and energy efficient.
- **Small and Light:** Measuring just 3.98 x 3.74 x 1.57 inches and weighing 3.53 ounces, it is manageable.
- **App Control Available:** For more extensive customization, it can be managed using a specific mobile app.
- **Ideal for Gaming Setups:** Offers captivating RGB lighting effects to improve the gaming experience.
- **Sturdy & Dependable Construction:** Using premium materials ensures long-term performance.

SETUP GUIDE

- **Verify Motherboard Compatibility:** Before installing, make sure your motherboard has a 5V 3-pin ARGB header.
- **Examine and Unpack the Parts:** Ensure the SATA cable, extension cables, LED strips, and remote control are all present.
- **Clean the Mounting Surface:** To improve adhesive and magnetic hold, use a dry cloth to wipe the inside of the case.
- **Select an Appropriate Location:** Put the strip in a location that will optimize light and visibility.
- **Secure with Magnetic Mounts:** To make relocating the strip simple, use the integrated magnets to secure it.
- **Add Glue for Added Security:** For a secure grip, add double-sided glue if magnets aren't strong enough.
- **Connect to Motherboard (Option 1):** Attach the RGB header of your motherboard to the 5V 3-pin ARGB connector.
- **SATA Connection (Option 2):** Use the SATA power cable if your motherboard does not have an RGB header.

- **Attach the Key Controller:** To control lighting effects remotely, connect the remote control receiver.
- **Avoid 12V Headers:** Always use a 5V 3-pin connection instead of a 12V RGB header since this could harm the LEDs.
- **Cables Should Be Neatly Arranged:** To keep your setup neat and secure extra cables, use cable ties.
- **Test Before Completing Setup:** Ensure the LEDs display the correct colors and effects by turning on your computer.
- **Use the Remote to Adjust:** Use the provided key controller to adjust colors, brightness, and speed.
- **Install RGB Software:** For software-based control, use Gigabyte RGB Fusion, ASUS Aura, or MSI Mystic Light.
- **Reposition If Needed:** Adjust the strip if the lighting is not evenly dispersed.

CARE & MAINTENANCE

- **Clean Often:** To keep the LED strip bright, wipe it down with a gentle, dry cloth to remove dust.
- **Avoid Overbending:** Bending too much can shorten its lifespan and damage the internal wiring.
- **Check Connections Frequently:** Make sure the RGB and SATA connectors are securely plugged in to avoid flickering.
- **Stay Away from Heat Sources:** Steer clear of positioning strips close to hot parts like CPUs or GPUs.
- **Use the Proper Voltage:** A higher voltage will harm the LEDs, so only connect to a 5V 3-pin header.
- **Prevent Water Exposure:** Despite being inside a PC case, keep the strip away from spills and moisture.

- **Adapt Brightness as Needed:** Continuously running at maximum brightness may shorten the LED lifespan.
- **Handle Carefully:** When making changes, avoid pulling or twisting the strip violently.
- **Secure Loose Cables:** To keep cables organized and prevent accidental disconnections, use Velcro straps or zip ties.
- **Turn Off When Not in Use:** This prolongs the LED strip's life and helps save electricity.
- **Update RGB Software:** Check for firmware upgrades to ensure compatibility with motherboard lighting control.
- **Check After PC Upgrades:** If you're updating parts, make sure the LED connections are still tight.
- **Avoid Direct Sunlight Exposure:** Prolonged exposure to sunlight can weaken or fade adhesives.
- **Secure Extension Cables Properly:** Ensure they are fully inserted and tightly fastened to prevent loose connections.
- **Store Unused Strips Carefully:** Keep the LED strips in a cool, dry location to prevent dust accumulation when not in use.

TROUBLESHOOTING

Issue	Possible Cause	Solution
LED strip not turning on	Loose connection or power iss ue	Check the power source and ensure proper c onnection
Remote control not working	Battery drained or infrared sensor obstructed	Replace battery and ensure direct line of sight
Colors not displaying corre ctly	Misconfigured settings or faulty wiring	Reset the strip via the app and check wiring
Uneven brightness	Voltage fluctuation or faulty LE D segments	Ensure stable power input and check for dam aged LEDs
Sync issues with motherbo ard software	Incompatibility with certain RG B software	Use recommended software (ASUS Aura, MS I Mystic Light, etc.)
LED strip flickering	Power fluctuations or loose con nectors	Secure connections and try a different power source
Lights turn off unexpectedly	Overheating or automatic shut- off	Allow the strip to cool and check power suppl y
Adhesive not sticking prop erly	Dust or surface irregularities	Clean the surface before reapplying the strip
USB connection not detect ed	Faulty USB port or driver issue	Try another USB port and update drivers
Bluetooth control not worki ng	Interference or connection issu e	Reconnect via the app and avoid wireless int erference

PROS & CONS

Pros	Cons
Easy installation with 5V 3-pin RGB or SATA connection	Not compatible with 12V 4-pin RGB headers
Multiple connectivity options: Infrared, USB, and remote co ntrol	Limited brightness compared to high-end RGB str ips
Customizable lighting effects via the app	Some users report occasional syncing issues
Affordable pricing for budget-conscious users	Requires additional software for full customization
Flexible and durable strip design	Adhesive backing may lose strength over time

WARRANTY

The Speclux P-MCS002 RGB LED Strip Light comes with a **one-year limited warranty** covering defects in materials and workmanship. The warranty does not cover damage caused by improper installation, modifications, or mishandling. Customers can contact Speclux support for assistance regarding replacements or troubleshooting.

FREQUENTLY ASKED QUESTIONS

Why is my Speclux P-MCS002 RGB LED Strip Light not turning on?

Check if the 5V 3-pin RGB header or SATA power connection is properly plugged in. Also, ensure your power source is functional.

Why is the Speclux P-MCS002 displaying incorrect colors?

This issue may occur due to an improper connection to the motherboard RGB header. Make sure the 3-pin connector aligns correctly with the designated pins.

What should I do if my Speclux P-MCS002 RGB LED Strip Light flickers?

Flickering may result from loose connections or insufficient power. Ensure the SATA power or 3-pin RGB header is securely attached.

Why is my remote control not working with the Speclux P-MCS002 RGB LED Strip Light?

Check if the remote battery is correctly installed or needs replacement. Also, make sure there are no obstructions blocking the infrared (IR) signal.

How do I sync the Speclux P-MCS002 RGB LED Strip Light with my motherboard software?

Connect the 5V 3-pin RGB header to your motherboard and use software like ASUS Aura Sync, MSI Mystic Light, or Gigabyte RGB Fusion to customize the lighting.

What type of bulb base does the Speclux P-MCS002 RGB LED Strip Light use?

The Speclux P-MCS002 features a GU24 bulb base, designed for stable and reliable operation.

What is the voltage requirement for the Speclux P-MCS002 RGB LED Strip Light?

The Speclux P-MCS002 operates at 5 volts, ensuring compatibility with standard motherboard RGB headers.

What are the dimensions of the Speclux P-MCS002 RGB LED Strip Light?

The Speclux P-MCS002 measures 3.98 x 3.74 x 1.57 inches, making it compact and easy to install.

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VIDEO – PRODUCT OVERVIEW

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https://manuals.plus/wp-content/uploads/2025/03/Speclux-P-MCS002-RGB-LED-Strip-Light-Instruction-Manual.mp4

References

- User Manual