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› [Stetsom](#) /

› [Stetsom Strobo RGB LED Lights User Manual](#)

## Stetsom STR04

# Stetsom Strobo RGB LED Lights User Manual

Model: STR04

## INTRODUCTION

The Stetsom Strobo RGB LED Lights system provides dynamic and customizable lighting for various applications, including car audio setups, home decor, and studios. This system features a central control unit and four high-quality LED pods, offering 16 million colors and multiple lighting modes controllable via a dedicated smartphone application. It is compatible with 2811 LED strips and can manage up to 600 headlights per channel, allowing for extensive lighting configurations.

## SAFETY INFORMATION

- Ensure all connections are secure and properly insulated to prevent short circuits.
- Do not expose the control unit or LED pods to extreme temperatures or direct water immersion, as they are water-resistant but not waterproof.
- Always disconnect power before performing any installation, maintenance, or troubleshooting.
- Installation should be performed by a qualified professional if you are unsure about electrical wiring.
- Keep out of reach of children.

## WHAT'S IN THE Box

Your Stetsom Strobo RGB LED Lights package includes the following components:

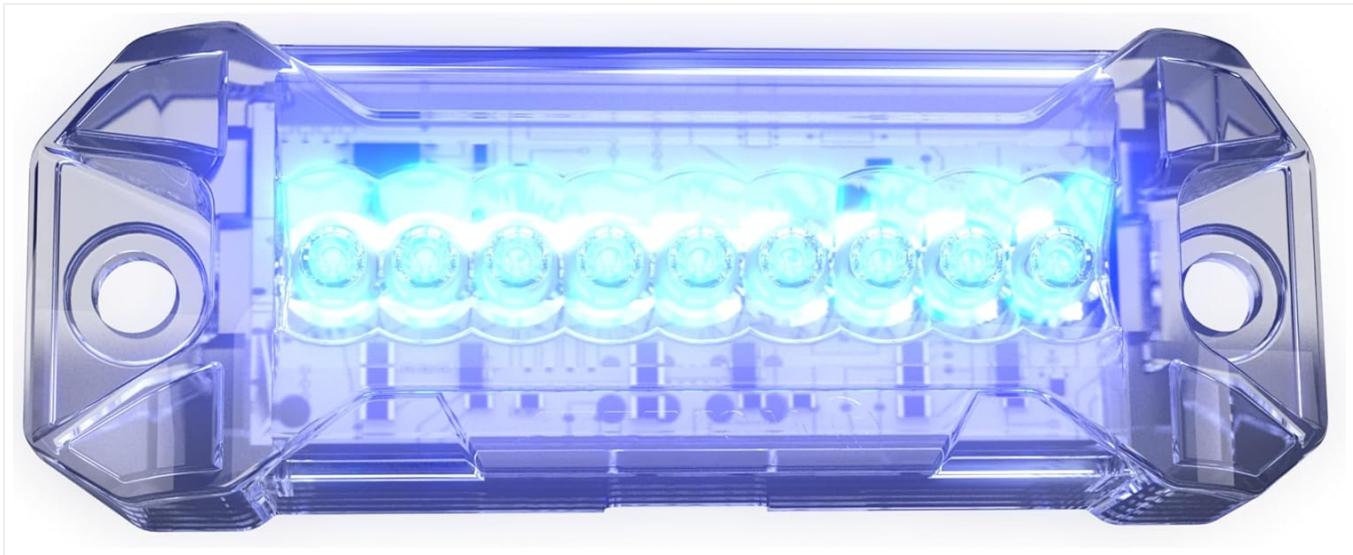
- 1 x STR 2 Channel Controller (Central Unit)
- 4 x LED Headlights (2.5W each)

## PRODUCT OVERVIEW

The Stetsom Strobo system consists of a compact control unit and four high-quality LED pods designed for versatile lighting effects.



The central control unit for the Stetsom Strobo RGB LED system. This unit manages power distribution and lighting effects for connected LED pods and strips.



A single Stetsom Strobo RGB LED pod, featuring multiple high-quality LEDs for bright and uniform illumination. Each pod is designed for durability and versatile placement.



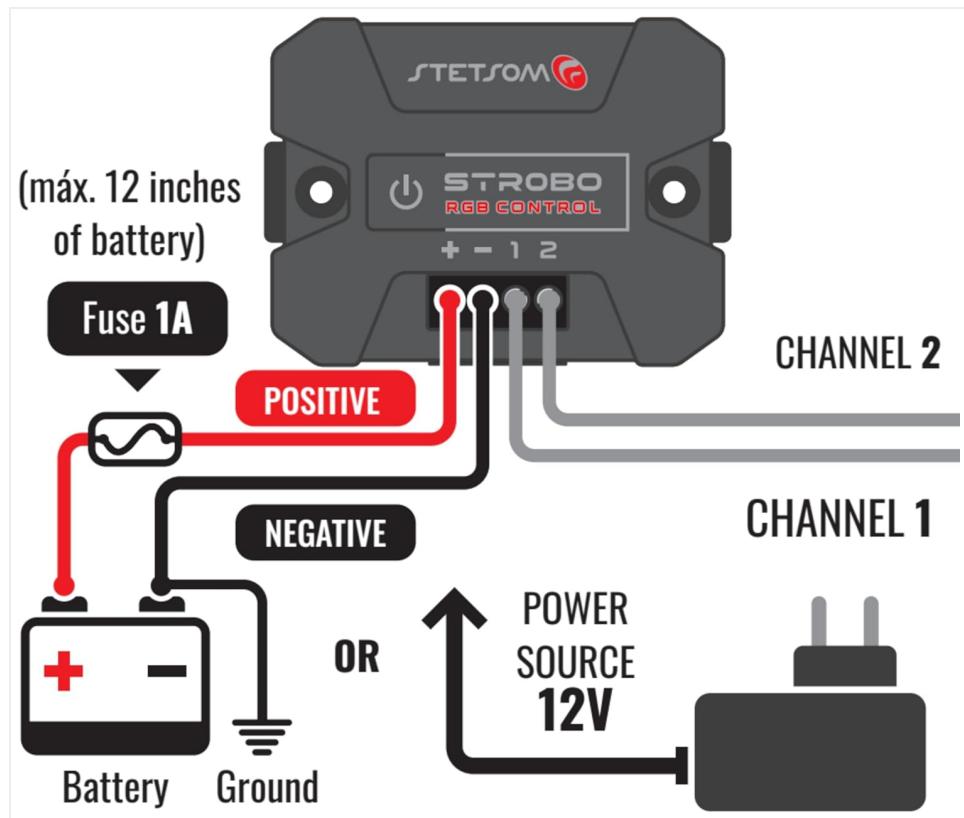
The complete Stetsom Strobo RGB LED system, showing the central control unit, four LED pods, and a smartphone displaying the control application. This illustrates the full setup and app-controlled functionality.

## SETUP INSTRUCTIONS

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### 1. Wiring the Control Unit

Connect the central control unit to a 12V power source. Ensure proper polarity: connect the positive (+) wire to the positive terminal and the negative (-) wire to the negative terminal. A 1A fuse should be installed on the positive line, within 12 inches of the battery, for protection.



Detailed wiring diagram for the Stetsom Strobo RGB control unit, showing connections to a 12V battery or power source, including fuse placement and connections for Channel 1 and Channel 2.

## 2. Connecting LED Pods/Strips

The control unit features two independent channels. Connect your LED headlights or 2811 LED strips to either Channel 1 or Channel 2. Each channel can control up to 600 individual headlights or equivalent LED chips (e.g., if a 2811 LED strip has 6 LEDs per chip, one chip counts as one headlight). You can mix headlights and LED strips across the two channels.

## 3. App Installation

Download the "Stetsom Strobo RGB" application from your smartphone's app store (available for Android and iOS). Ensure Bluetooth is enabled on your device before opening the app to connect to the control unit.

## OPERATING INSTRUCTIONS

The Stetsom Strobo system is primarily controlled via the dedicated smartphone application, offering extensive customization options.

### 1. Connecting to the App

1. Ensure the Stetsom Strobo control unit is powered on.
2. Enable Bluetooth on your smartphone.
3. Open the "Stetsom Strobo RGB" app. The app will search for available devices.
4. Select your Stetsom Strobo device from the list to establish a connection.

### 2. Adjusting Lighting Effects

Once connected, you can control various aspects of your lighting:

- **Color Selection:** Choose from 16 million colors using the color picker within the app.

- **Lighting Modes:** Select from 12 different modes, including:

- Static (Solid Color)
- Flash
- Pulse
- Running
- Advance
- Counter
- Comet
- Rainbow
- Music Mode (lights react to music beat)
- Flashing with Pause
- Points Race
- Advance without Trail

- **Brightness/Speed:** Adjust the glowing speed or brightness from 0 to 100% to customize the effect.
- **Channel Control:** Independently control Channel 1, Channel 2, or both simultaneously.



The Stetsom Strobo RGB app interface shown on a smartphone, demonstrating color selection and various lighting effect options for controlling the LED system.

### 3. Official Product Video: Using the Stetsom Strobo

This video demonstrates the functionality and control of the Stetsom Strobo RGB LED system, including how to use the mobile application to change colors and lighting modes. It provides a visual guide to operating the device.

## MAINTENANCE

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The Stetsom Strobo RGB LED system is designed for durability and requires minimal maintenance.

- Cleaning:** Use a soft, dry cloth to clean the control unit and LED pods. Do not use abrasive cleaners or solvents.
- Connections:** Periodically check all wiring connections to ensure they remain secure and free from corrosion.
- Storage:** If storing the unit for an extended period, disconnect it from the power source and store it in a cool, dry place.

## TROUBLESHOOTING

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Problem	Possible Cause	Solution
Lights do not turn on.	No power, loose connection, blown fuse.	Check power source, verify all wiring connections, inspect and replace fuse if necessary.
Cannot connect to the app via Bluetooth.	Bluetooth disabled, app issue, device out of range.	Ensure Bluetooth is enabled on your phone, restart the app, move closer to the control unit.
Lights are not responding to app commands.	App not properly connected, firmware issue.	Reconnect the app, restart the control unit (power cycle), check for app updates.
Some LEDs are not working.	Damaged LED pod/strip, faulty connection to a specific pod.	Check the wiring to the affected pod/strip. If damaged, replacement may be necessary.

## SPECIFICATIONS

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Feature	Detail
Brand	Stetsom
Model	STR04 STROBO KIT
Item Dimensions (L x W x H)	Control Unit: 2.82 x 2.09 x 0.7 inches
Item Weight	Control Unit: 5.3 ounces
Color	Multicolor (RGB)
Connectivity Technology	Bluetooth
Material	Polycarbonate (PC)
Water Resistance Level	Water Resistant
Number of Channels	2 Independent Channels

Feature	Detail
Max Lights per Channel	Up to 600 headlights/LED chips
LED Pod Wattage	2.31W per headlight
LED Lifetime	50,000 hours
Compatibility	2811 LED Strips, Universal Headlights



Dimensional specifications for the Stetsom Strobo RGB control unit and LED pods, including length, width, height, and weight measurements.

## WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the official Stetsom website or contact their customer service directly. Keep your purchase receipt as proof of purchase for any warranty claims.

**Stetsom Official Website:** [www.stetsom.com.br](http://www.stetsom.com.br)

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