MICTUNING MIC-SP8-456

MICTUNING P1s RGB 8 Gang Switch Panel User Manual

Model: MIC-SP8-456
Brand: MICTUNING

PRODUCT OVERVIEW

The MICTUNING P1s RGB 8 Gang Switch Panel is a high-power, multifunction control system designed for various automotive applications. It features a 5-inch panel with 8 gang switches, offering 5 levels of brightness and 11 RGB color modes. This system simplifies wiring for various accessories in 12-24V DC marine, car, RV, UTV, and off-road vehicles, providing a clean and organized solution for managing multiple electrical components.

Key Features

- **Market-Leading 3 Silicone Buttons:** Designed for convenient and functional operation, including an ON/OFF switch with memory function, a Brightness Adjustment Button, and an RGB Color Adjustment Button. Easy to operate blindly with tactile feedback.

- **Two Simplify Wiring Methods:** Offers flexible power connection options: connect via ACC (Accessory) or directly to the Battery. A push switch on the control box allows free switching between ACC and battery power, ensuring simple, easy, and safe power connection.

- **11 RGB Colors Modes & 5-Level Brightness:** Upgrade your vehicle's interior with more backlit colors. Short press the "RGB" button to switch between 8 single colors (red, orange, yellow, green, cyan, blue, purple, white). Long press to switch between Gradient, Jump, and Breathing modes. Five levels of brightness adjustment (100%, 75%, 50%, 25%, 10%) provide comfortable visual brightness while driving.

- **5" Sturdy Switch Panel More Stable:** The control panel features an increased size for handling large currents with greater stability and safety. Rated at 12V/720W and 24V/1440W, with a maximum current of 60A. Operating Temperature: -40°C ~ +85°C. IP65 waterproof rate. Aluminum alloy housing with sturdy brackets ensures secure installation and long-term durability.

- **Neat and Clear Wiring:** The rocker switch with a Circuit Control Relay System helps to clean up and organize all wiring harnesses. Includes 140pcs labeling stickers for DIY customization to suit specific needs. Suitable for RV, 12-24V DC marine, and car applications.

- **Positive Output Panel:** This switch panel provides positive output and supports common cathodes, meaning the negative wire can be connected to the negative terminal of the control box, battery, and car, which simplifies the overall wiring process.
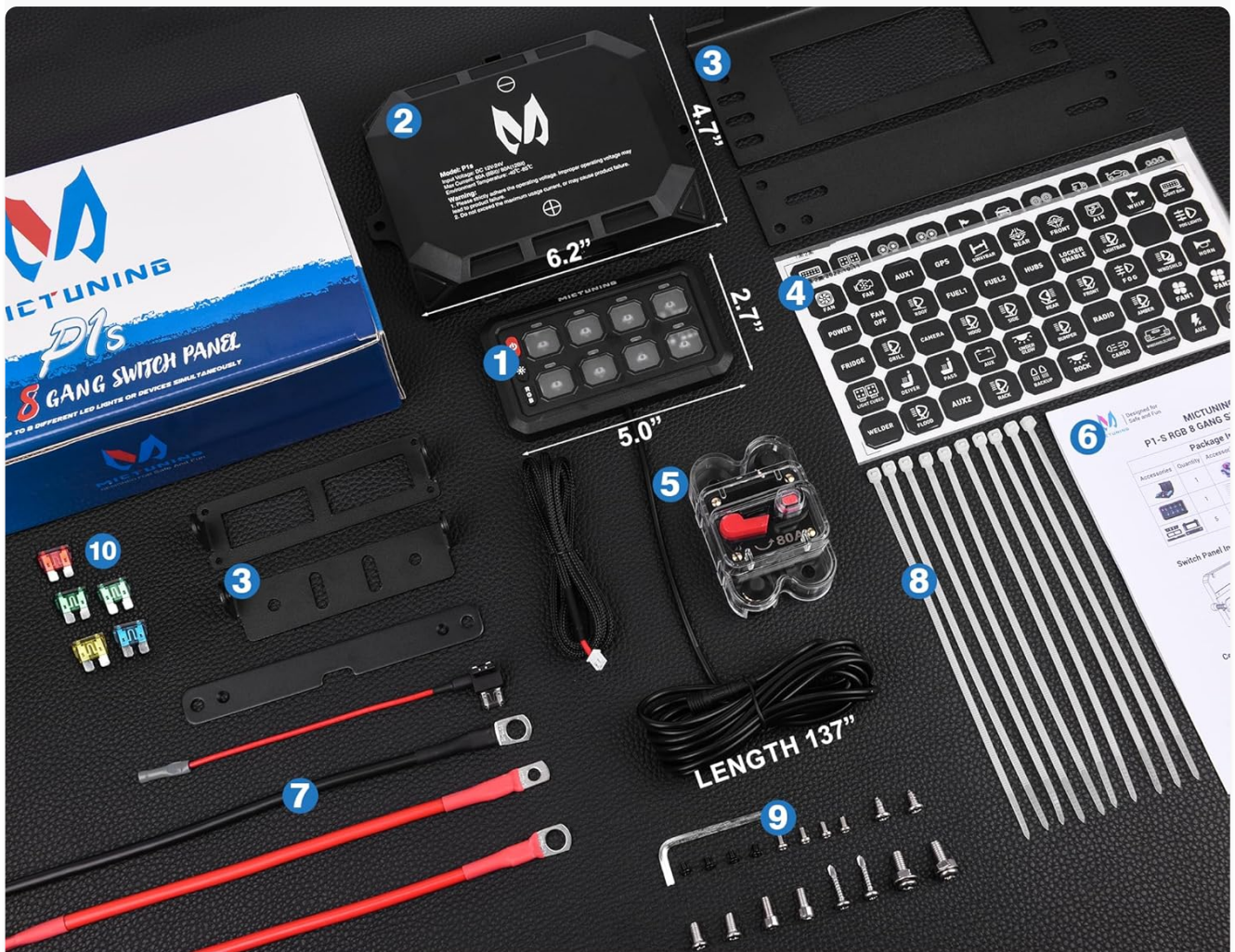
Overview of the MICTUNING P1s RGB 8 Gang Switch Panel and included components.

PACKAGE CONTENTS

Please verify that all items listed below are included in your package:

- 1x 8 Gang Switch Panel

- 1x Circuit Control Box

- 3x Mounting Brackets

- 1x 100A Circuit Breaker

- 3x Wiring Harness

- 8x Cable Ties

- Instruction Manual

- 5 Fuses (2x 30A, 1x 20A, 1x 15A, 1x 10A)

- 140x Switch Labels

- Screws

WHAT YOU'LL GET

① 1x 12 GANG SWITCH PANEL   ② 1x CIRCUIT CONTROL BOX   ③ 5x MOUNTING BRACKETS

④ 140x SWITCH LABELS   ⑤ 1x 100ACIRCUIT BREAKER   ⑥ INSTRUCTION

⑦ 3x WIRING HARNESS   ⑧ CABLE TIES   ⑨ SCREW

⑩ 5 FUSES, INCLUDING 2 x 30A, 1 x 20A, 1 x 15A, AND 1 x 10A
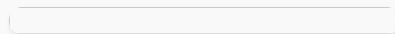
All components included in the MICTUNING P1s RGB 8 Gang Switch Panel package.

INSTALLATION GUIDE

Switch Panel Mounting
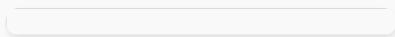
Method 1: Direct Screw Mounting

Secure the switch panel directly to your desired surface using the provided screws. Ensure the surface is flat and stable.

This image shows the first method of installing the switch panel, where it is directly screwed into a surface.

Method 2: Bracket Mounting

Attach the provided brackets to the switch panel. These brackets allow for adjustable mounting, providing flexibility for placement in various locations within your vehicle.
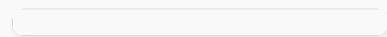
This image illustrates the second method of switch panel installation, utilizing brackets for flexible positioning.

Control Box Mounting

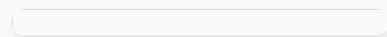### Method 1: Direct Screw Mounting

Secure the control box directly to a flat, stable surface using the provided screws.

This image demonstrates the first method for mounting the control box, involving direct screw attachment.

Method 2: Bracket Mounting

Attach the provided brackets to the control box for adjustable mounting. This method is ideal for securing the control box in various orientations or tight spaces.

This image shows the second method for control box installation, using brackets for versatile placement.
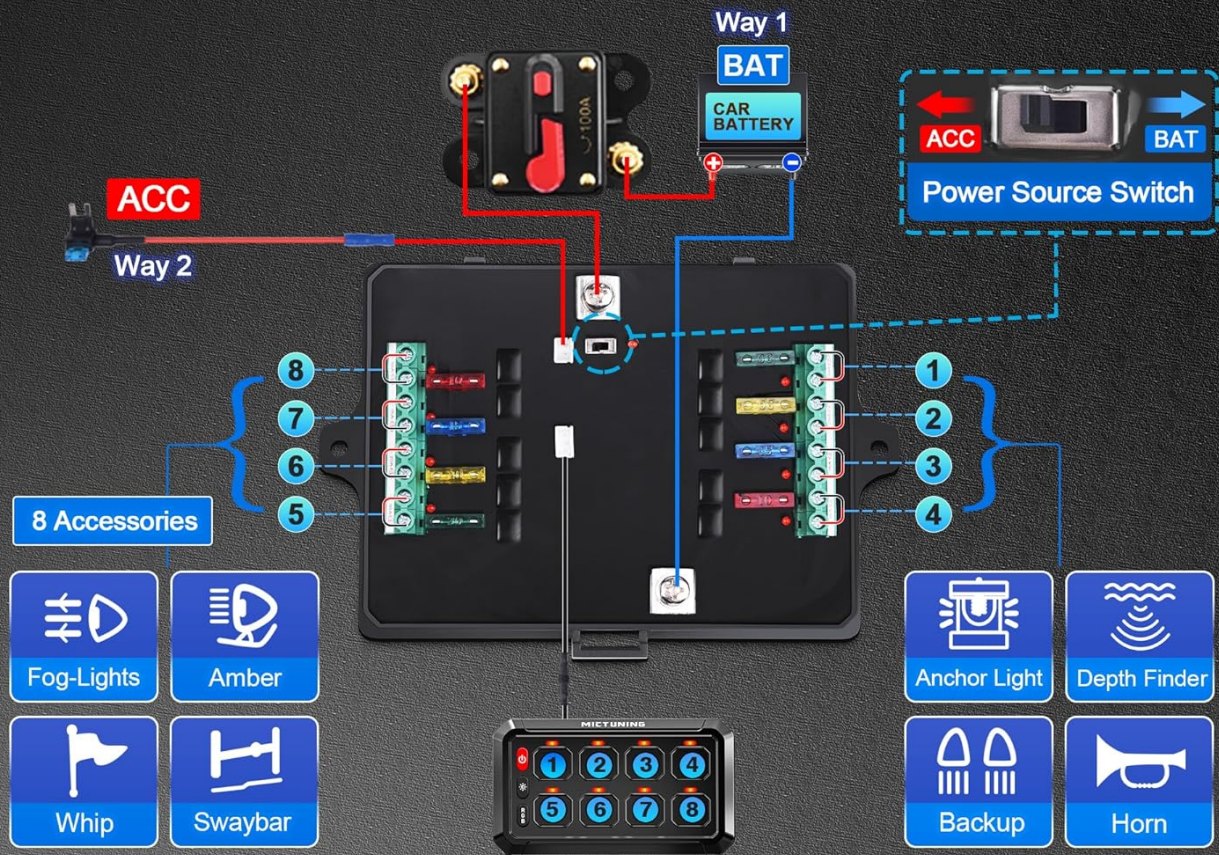
Wiring Connections

Follow these steps for proper wiring of the MICTUNING P1s system:

1. Connect the circuit breaker to the positive terminal of the battery.
2. Connect the negative terminal of the battery to the negative terminal of the control box.
3. Connect the ACC (Accessory) wire to the control box. This allows the panel to power on with your vehicle's ignition.
4. Connect the control box to the switch panel using the provided cable.
5. Connect your lights and other accessories to the designated terminals on the control box. Negative wires for accessories can be connected to the common cathode terminal for simplified wiring.

MEET DIFFERENT DEMANDS
GREATER POWER SUPPORTS DEVICES WITH HIGHER POWER

Way 1
BAT
CAR BATTERY

ACC
Way 2

ACC ← Power Source Switch → BAT

8 — 7 — 6 — 5
8 Accessories

1 — 2 — 3 — 4

Fog-Lights | Amber
Whip | Swaybar

Anchor Light | Depth Finder
Backup | Horn

MICTUNING			OTHERS		
2 x 30A	2 x 15A	**150 A** ▶ **130 A**	2 x 30A	2 x 10A
2 x 20A	2 x 10A		2 x 20A	2 x 5A

Detailed wiring diagram showing connections for the MICTUNING P1s Switch Panel.

Your browser does not support the video tag.

This video provides a comprehensive guide on the wiring process for the MICTUNING P1s switch panel, including connections for the circuit breaker, battery, ACC, control box, and accessories.

OPERATION

Basic Functions

The switch panel features 3 silicone buttons for convenient control:

- **ON/OFF Switch:** The main power button for the entire system. It includes a memory function that retains the last active state of your accessories when the system is powered off and on again.
- **Brightness Adjustment Button:** Allows you to cycle through 5 levels of backlight brightness for the switch panel (100%, 75%, 50%, 25%, 10%) to suit different lighting conditions.
- **RGB Color Adjustment Button:** Short press to switch between 8 single colors (red, orange, yellow, green, cyan,

blue, purple, white) for the panel's backlight. Long press to activate dynamic lighting modes: Gradient, Jump, and Breathing.

This image highlights the three main control buttons on the switch panel for easy customization of brightness and RGB colors.

Lighting Modes for Accessories

The system supports various lighting modes for connected accessories, controlled by individual switches:

- **Constant Light:** When activated, the connected accessory will remain continuously illuminated.
- **Momentary Mode:** The connected accessory will only be active while the corresponding button is pressed and held. Releasing the button will turn the accessory off.
- **Strobe Mode:** The connected accessory will flash intermittently when this mode is selected.

This image illustrates the 8 color options for the panel backlight and the three different operational modes (Constant Light, Momentary, Strobe) for connected devices.

Your browser does not support the video tag.

This video demonstrates the momentary and strobe modes of the switch panel, showing how connected lights respond to different button presses. It also showcases the memory function.

SPECIFICATIONS

Feature	Value
Operation Mode	ON-OFF-ON
Current Rating	60 Amps
Operating Voltage	12 Volts / 24 Volts

Feature	Value
Wattage	720W (12V) / 1440W (24V)
Contact Type	Normally Open
Connector Type	Plug In
Brand	MICTUNING
Terminal	Screw
Item dimensions L x W x H	10 x 6 x 3.5 inches
Circuit Type	8-way
Actuator Type	Push Button
Contact Material	Copper
International Protection Rating	IP65
Operating Temperature	-40°C ~ +85°C
Item Weight	4.71 pounds
Model Number	MIC-SP8-456

TROUBLESHOOTING

Common Issues and Solutions

- **No Power to Panel:**

  Check the circuit breaker connection to the battery. Ensure the circuit breaker is not tripped. Verify the ACC or battery power connection to the control box is secure.

- **Switches Not Activating Accessories:**

  Confirm that accessories are correctly wired to the control box. Check individual fuse integrity for each channel. Ensure the control box is receiving power from both positive and negative terminals.

- **Incorrect RGB Color or Brightness:**

  Use the dedicated RGB and Brightness adjustment buttons on the panel. Refer to the "Operation" section for detailed instructions on cycling through modes and levels.

- **Intermittent Functionality:**

  Inspect all wiring connections for looseness or corrosion. Ensure proper grounding. Verify that the total current draw of connected accessories does not exceed the system's maximum current rating (60A).

Contact Support

If you encounter issues not covered here, please contact MICTUNING customer support. For assistance, log into your Amazon account, navigate to 'Your Orders', find the order ID, click 'Problem with the Order', choose 'Other Issue', and then click 'Contact Seller'.
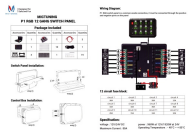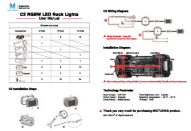
WARRANTY AND SUPPORT

The MICTUNING P1s RGB 8 Gang Switch Panel comes with a 2-year warranty from the date of purchase, ensuring peace of mind regarding product quality and performance.

For lifetime customer support and any inquiries, please refer to the contact method provided in the troubleshooting section or visit the official MICTUNING store on Amazon for additional resources and product information.

Visit MICTUNING Store on Amazon

Related Documents - MIC-SP8-456

	[MICTUNING P1s APP Control Switch Panel User Manual](#) Detailed user manual for the MICTUNING P1s APP Control Switch Panel. Covers installation guides for switch panels and control boxes, comprehensive wiring diagrams for 8-gang and 12-gang configurations, fuse block specifications, control mode settings (Constant, Momentary, Strobe), Bluetooth app integration, backlight customization, and frequently asked questions. Essential guide for automotive accessory installation.
	[MICTUNING P1 RGB 12 Gang Switch Panel User Guide](#) Comprehensive guide for the MICTUNING P1 RGB 12 Gang Switch Panel, covering installation, wiring, lighting modes, and troubleshooting.
	[MICTUNING Q1 RGB Rock Lights FAQ](#) Frequently asked questions and answers regarding the MICTUNING Q1 RGB Rock Lights, covering app connectivity, Bluetooth signals, color control, flashing lights, and power status.
	[MICTUNING C3 RGBW LED Rock Lights - Installation and User Manual](#) Comprehensive guide for MICTUNING C3 RGBW LED Rock Lights, covering installation, wiring, control box operation, Bluetooth APP features, and troubleshooting. Enhance your vehicle with customizable multi-color lighting.
	[MICTUNING Q1 RGBW LED Rock Lights User Manual and Installation Guide](#) Comprehensive user manual and installation guide for MICTUNING Q1 RGBW LED Rock Lights. Includes product specifications, installation steps, wiring diagrams, and accessory details for 4-pod and 8-pod kits.
	[MICTUNING C2 RGBW LED Rock Lights User Manual](#) Comprehensive user manual for the MICTUNING C2 RGBW LED Rock Lights, covering installation, wiring, technical specifications, and troubleshooting.