

Metra MPS-ASCKIT

Metra Electronics RGB Micro Kit (MPS-ASCKIT)

Powersports Products User Manual

1. PRODUCT OVERVIEW

The Metra Electronics RGB Micro Kit (MPS-ASCKIT) is designed to provide vibrant RGB lighting for powersports applications. This kit offers a secure fit and is engineered for performance in real-world environments, ensuring quality and ease of installation for the user.

2. WHAT'S IN THE BOX

- 1 Metra Branded Product (MPS-ASCKIT RGB Micro Kit components)



Image: Components of the Metra Electronics RGB Micro Kit. This includes a rotary control knob with play/pause and track skip buttons, a rectangular unit with a digital voltage display (showing "12.0"), and a compact black RGB controller module labeled "MPS-RGBC-4" with multiple wire leads.

3. SAFETY INFORMATION

Always read and understand all instructions before installation and use. Improper installation can lead to damage to the product, vehicle, or personal injury. It is recommended that installation be performed by a qualified professional.

- Disconnect the vehicle's battery before beginning any electrical installation.
- Ensure all wiring connections are secure and properly insulated to prevent short circuits.
- Do not operate the product if it appears damaged.
- Keep out of reach of children.

4. SETUP AND INSTALLATION

This section provides general guidelines for installing your Metra RGB Micro Kit. Specific wiring diagrams and mounting

instructions may vary based on your vehicle and desired setup. Refer to any included detailed wiring diagrams with your product packaging.

4.1. Pre-Installation Checklist

- Verify all components are present as listed in "What's in the Box".
- Gather necessary tools (wire strippers, crimpers, electrical tape, multimeter, mounting hardware).
- Plan the routing of wires to avoid interference with moving parts or heat sources.

4.2. Wiring Connections

The MPS-ASCKIT typically involves connecting the RGB controller to a power source (12V DC), ground, and the RGB lighting elements. The control knob and voltage display unit will also connect to the main controller.

- **Power (Red Wire):** Connect to a switched 12V power source.
- **Ground (Black Wire):** Connect to a solid chassis ground point.
- **RGB Outputs:** Connect to your RGB LED strips or modules, ensuring correct color matching (Red to Red, Green to Green, Blue to Blue, Common to Common).
- **Controller Connections:** Connect the control knob and voltage display unit to the main RGB controller as per the provided wiring diagram.

4.3. Mounting

Mount the RGB controller in a secure, dry location away from excessive heat or moisture. The control knob and voltage display should be mounted in an easily accessible and visible location within the vehicle's cabin or dashboard.

5. OPERATING INSTRUCTIONS

Once installed, the Metra RGB Micro Kit is operated via its dedicated control knob and integrated buttons.

5.1. Power On/Off

The unit typically powers on with the vehicle's ignition if connected to a switched power source. Some units may have a dedicated power button on the control knob.

5.2. Color and Mode Selection

- **Rotary Knob:** Rotate the knob to adjust brightness or cycle through pre-set colors/modes.
- **Buttons:** Use the integrated buttons (e.g., play/pause, track skip symbols) to change modes, adjust speed of effects, or select specific colors. Refer to the product's quick start guide for exact button functions.

5.3. Voltage Display

The integrated voltage display provides real-time monitoring of your vehicle's electrical system voltage, typically showing "12.0" or similar when the vehicle is off, and higher readings when the engine is running.

6. MAINTENANCE

The Metra RGB Micro Kit is designed for durability and requires minimal maintenance.

- Keep the control unit and display clean using a soft, dry cloth. Avoid abrasive cleaners.
- Periodically check all wiring connections for tightness and signs of wear or corrosion.
- Ensure the mounting location remains secure.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
No power to the unit/lights	Loose power connection, blown fuse, incorrect wiring.	Check all power and ground connections. Inspect vehicle fuse box for blown fuses. Verify wiring against diagram.
Lights not changing color/mode	Incorrect connection to RGB strips, faulty controller, control knob issue.	Ensure RGB output wires are correctly matched to the LED strip inputs. Test control knob functionality.
Voltage display is off or incorrect	Loose connection to voltage display, faulty unit.	Check connections to the voltage display unit. If problem persists, contact customer support.
Intermittent operation	Loose connections, poor ground, electrical interference.	Re-check all wiring connections. Ensure a solid ground. Route wires away from high-current cables if possible.

If you continue to experience issues, please contact Metra Electronics customer support.

8. SPECIFICATIONS

- **Model:** MPS-ASCKIT
- **Brand:** Metra
- **Manufacturer:** Metra Electronics Corporation
- **Product Dimensions:** Approximately 12 x 8 x 2 inches (Packaging/Overall Kit)
- **Item Weight:** Approximately 1 pound
- **Color:** Black
- **Control Method:** Touch (via control knob/buttons)
- **Operation Mode:** Manual
- **Connectivity Protocol:** X-10 (as per product data, typically for home automation, but listed here)
- **Features:** Secure fit, true performance product, quality assured, designed with user and installer in mind, tested for function in a real world environment.

9. WARRANTY INFORMATION

Metra Electronics products are designed and manufactured to the highest quality standards. This product is covered by a limited warranty against defects in materials and workmanship. Please refer to the warranty card included with your product or visit the official Metra Electronics website for detailed warranty terms and conditions.

10. CUSTOMER SUPPORT

For technical assistance, troubleshooting, or warranty inquiries, please contact Metra Electronics customer support:

- **Website:** www.metraonline.com (Check for support section or contact page)
- **Phone:** Refer to the Metra Electronics website for current contact numbers.
- **Email:** Refer to the Metra Electronics website for current contact email.

Please have your product model number (MPS-ASCKIT) and purchase information ready when contacting support.

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

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