

MAODANER Dreamcolor Main Controller

MAODANER Dreamcolor Main Control Module

USER MANUAL

Model: Dreamcolor Main Controller

1. Introduction

The MAODANER Dreamcolor Main Control Module is designed to manage and power your Dreamcolor interior car LED strip light kit. This module acts as the central unit for controlling the lighting effects and ensuring proper power distribution. It is specifically compatible with Dreamcolor Connects kits and is not designed for Dreamcolor 5-in-1 (Single Controller) systems.

2. Package Contents

- Dreamcolor Main Control Module (1 unit)
- 19-inch Power Line (1 unit)

3. Setup and Installation

Proper installation is crucial for the optimal performance and longevity of your Dreamcolor Main Control Module and associated LED strip lights. Please follow these steps carefully.

3.1. Wiring Connections

The main control module requires a 9-24V power supply. Ensure correct polarity when connecting the power lines.



This image displays the MAODANER Dreamcolor Main Control Module, highlighting its power input connections. The red wire connects to positive (9-24V, 0.2A-1A) and the black wire to negative. The module identifier is DY2022-LED-18.

- **Red Wire:** Connect to the positive (+) terminal of your vehicle's power supply (9-24V).
- **Black Wire:** Connect to the negative (-) or ground terminal of your vehicle's power supply.
- **Output Port:** The module features an 8-pin port for connecting Dreamcolor LED strip light extension cables.



A detailed view of the 8-pin connector and the red and black power wires, illustrating the connection interface for the Dreamcolor Main Control Module.

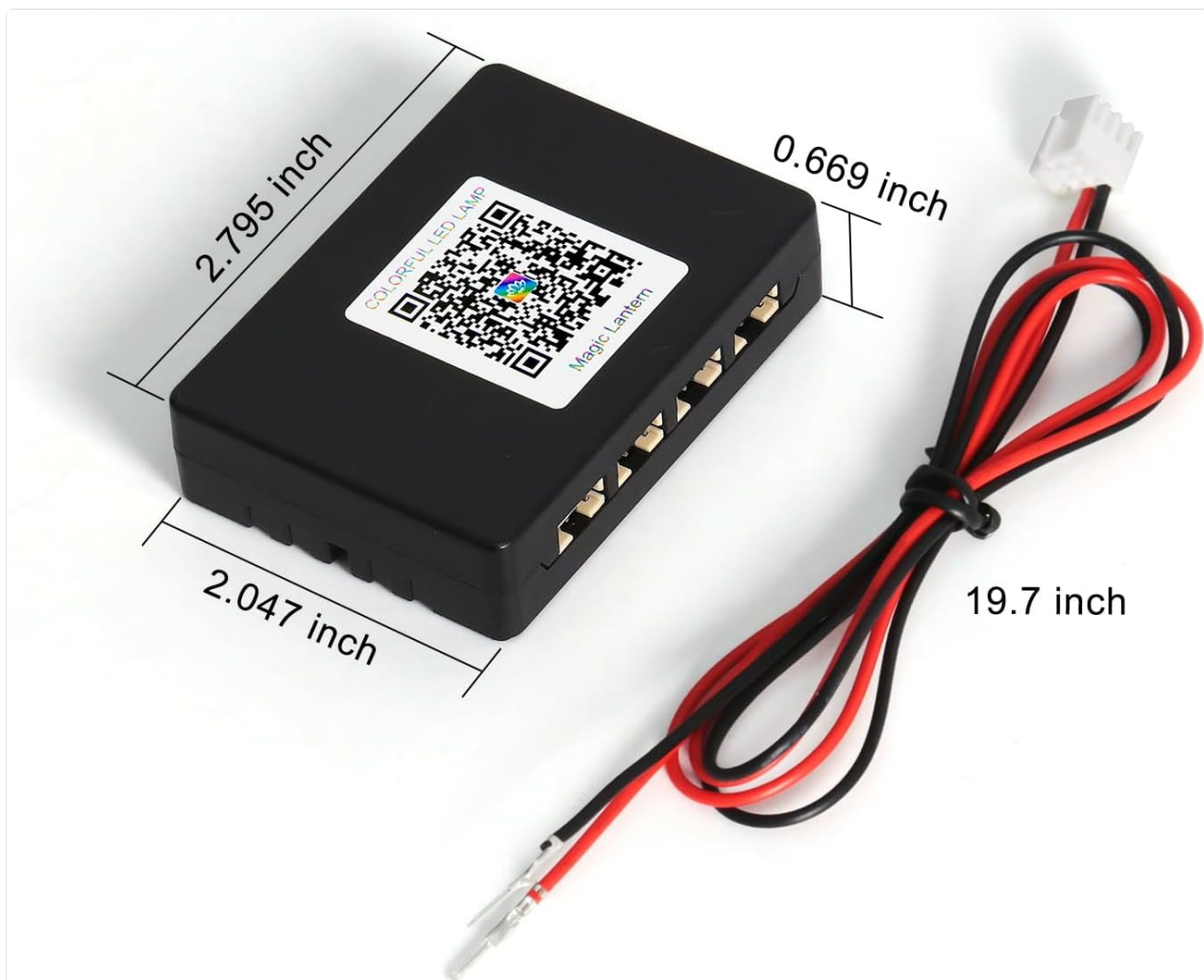


8 pin extension cable

This image focuses on the 8-pin port on the Dreamcolor Main Control Module, designed for connecting extension cables to the LED strip lights.

3.2. Physical Installation

The compact design of the module allows for discreet placement within your vehicle's interior. Ensure the module is secured in a location that is protected from direct moisture and excessive heat.



This image provides the physical dimensions of the Dreamcolor Main Control Module: 2.795 inches length, 2.047 inches width, and 0.669 inches height. The attached cable is 19.7 inches long. A QR code labeled 'Magic Lantern' is visible, likely for a control application. You can scan the QR code to download the companion app for advanced control.

3.3. Installation Demonstration

The following videos demonstrate the installation process and showcase the lighting effects of similar interior car LED strip lights, which are controlled by a main module like this one. These videos provide visual guidance on how to integrate the lighting system into your vehicle's interior.

This short video demonstrates the installation process and various lighting effects of the Dreamcolor interior car LED strip lights, controlled by the main module. It shows the lights changing colors and patterns within a car's interior.

This video illustrates the installation of ambient RGB LED lighting in a car, showcasing how the strips are integrated into the dashboard and door panels, and the resulting dynamic color changes.

This video highlights the thin profile of the acrylic car LED lights and their seamless integration into a car's interior, demonstrating the installation method and the vibrant lighting effects.

4. Operating Instructions

Once the Dreamcolor Main Control Module is correctly installed and connected to your Dreamcolor Connects LED strip kit, the lighting system can be operated. The module typically works in conjunction with a compatible control method, such as a dedicated app (via the QR code provided on the module) or a separate controller from your Dreamcolor Connects kit.

- **Power On/Off:** The lights will typically power on and off with your vehicle's accessory power, depending on how it's wired.
- **Color and Mode Selection:** Use the companion app (scan QR code on module) or your Dreamcolor

Connects kit's controller to select from various colors and dynamic lighting modes.

- **Brightness Adjustment:** Adjust the brightness levels through the control interface.

5. Maintenance

The MAODANER Dreamcolor Main Control Module is designed for durability and minimal maintenance.

- **Water Resistance:** The module features a waterproof design, offering protection against moisture. However, avoid submerging the module in water.
- **Cleaning:** If necessary, gently wipe the module with a dry, soft cloth. Do not use harsh chemicals or abrasive cleaners.
- **Connection Integrity:** Periodically check all wiring connections to ensure they remain secure and free from corrosion.

6. Troubleshooting

If you encounter issues with your Dreamcolor Main Control Module, consider the following common troubleshooting steps:

- **Lights Not Turning On:** Verify that the power connections (red to positive, black to negative) are secure and that the vehicle's power source is active. Check for any blown fuses in the circuit.
- **Inconsistent Lighting:** Ensure all LED strip connections to the main module are firm. Check for any damage to the LED strips or extension cables.
- **Control Issues:** If using an app, ensure your device's Bluetooth is enabled and properly paired with the system. Restart the app or the vehicle's power to reset the module.
- **Compatibility:** Confirm that your LED strip kit is a Dreamcolor Connects kit, as this module is not compatible with Dreamcolor 5-in-1 (Single Controller) systems.

7. Specifications

Feature	Specification
Brand	MAODANER
Model Number	LB-Acrylic (DY2022-LED-18)
Recommended Use	Vehicle Interior Lighting Control
Auto Part Position	Inner
Material	Acrylic
Water Resistance Level	Waterproof
Input Voltage	9-24V
Current	0.2A-1A
Dimensions (L x W x H)	2.795 x 2.047 x 0.669 inches
Power Line Length	19.7 inches
Item Weight	2.39 ounces

Remote Control Included?	No (Control via app or existing kit controller)
Automotive Fit Type	Universal Fit

8. Warranty and Support

For warranty information or technical support, please refer to the documentation included with your complete Dreamcolor Connects kit or contact MAODANER customer service directly. Keep your purchase receipt for warranty claims.