

COMPACT BLACK PUSH BUTTON RV DIMMER - DC 12V-24V

DESCRIPTION:

The Compact Black Push Button RV Dimmer delivers reliable and smooth dimming control for 12V-24V DC LED lighting systems. Designed with a durable waterproof body and user-friendly rotary knob, it's ideal for tight spaces where simplicity and performance matter. With its memory function, the dimmer automatically restores the previous brightness level after power-off, ensuring a consistent lighting experience every time.

FEATURES:

- Compact and low-profile design ideal for RV and marine interiors
- Smooth, flicker-free dimming performance
- Push-button ON/OFF with rotary brightness control
- 0V memory function retains last brightness setting after power interruption
- IP65-rated waterproof construction for durability in humid or outdoor conditions
- Easy installation through a pre-drilled mounting hole
- Compatible with a wide range of 12V-24V DC LED fixtures
- Maintenance-free solid-state design with long lifespan

APPLICATIONS:

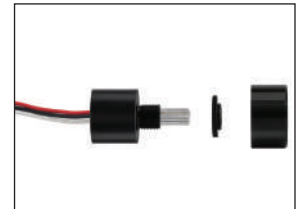
- RV and camper interior lighting
- Marine and boat lighting systems
- Trailer and off-grid solar lighting
- Under-cabinet, step, or accent lighting
- Compact lighting control in mobile environments

TECHNICAL SPECIFICATIONS:

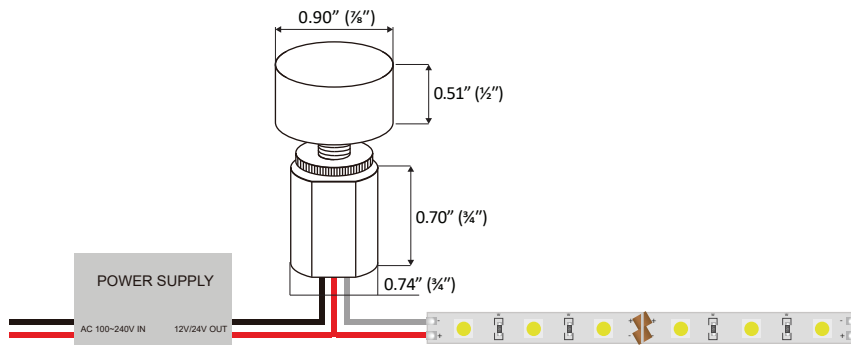
Input Voltage	12V-24V DC
Output Voltage	12V-24V DC
Input Current	4A
Maximum Load	48W @ 12V DC / 96W @ 24V DC
Cable Length (In/Out)	11.8 in
Waterproof Rating	IP65
Housing Color	Black
Dimming Control	Push-button ON/OFF + rotary dimming knob
Memory Function	Restores last brightness level after power cycle

OPERATION:

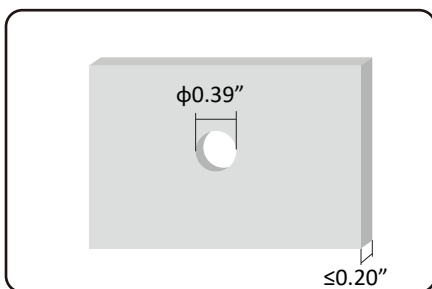
1. **Power-On State:** When powered, the dimmer remains OFF until manually activated.
2. **ON/OFF Control:** Press the knob to switch the connected LED light ON or OFF.
3. **Brightness Adjustment:** Rotate the knob clockwise to increase brightness or counterclockwise to dim.
4. **Memory Function:** Automatically recalls the last brightness level when powered back on (DC 0V or 12V-24V).



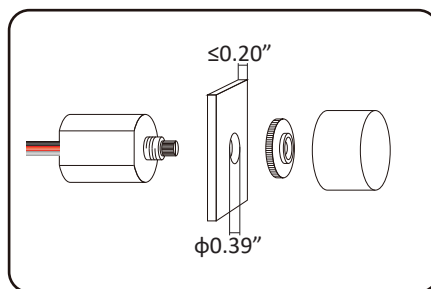
DIMENSION AND CONNECTION DIAGRAM:



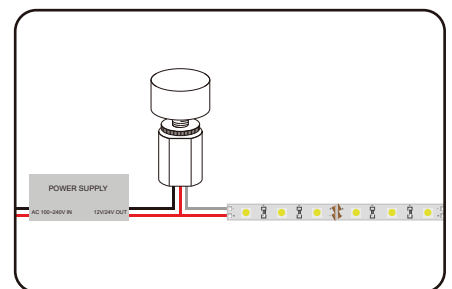
INSTALLATION STEPS:



Drill a 0.39 in diameter hole in the mounting surface. Ensure the panel thickness does not exceed 0.20 in.



Disassemble the controller and insert it through the mounting hole as shown above. Secure the controller using the rotating nut, then press the adjustment knob firmly onto the metal shaft.



Connect the power supply and lamp following the correct wiring configuration, then turn on the power to begin normal operation.

KEY FOB DIMMER

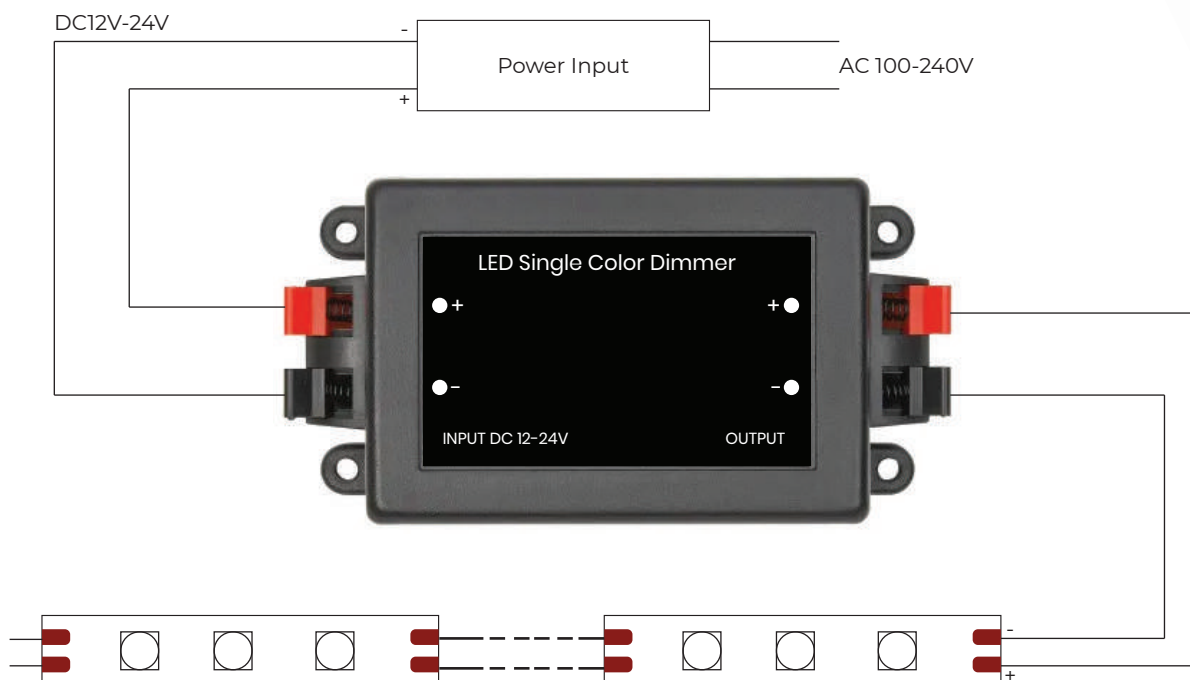
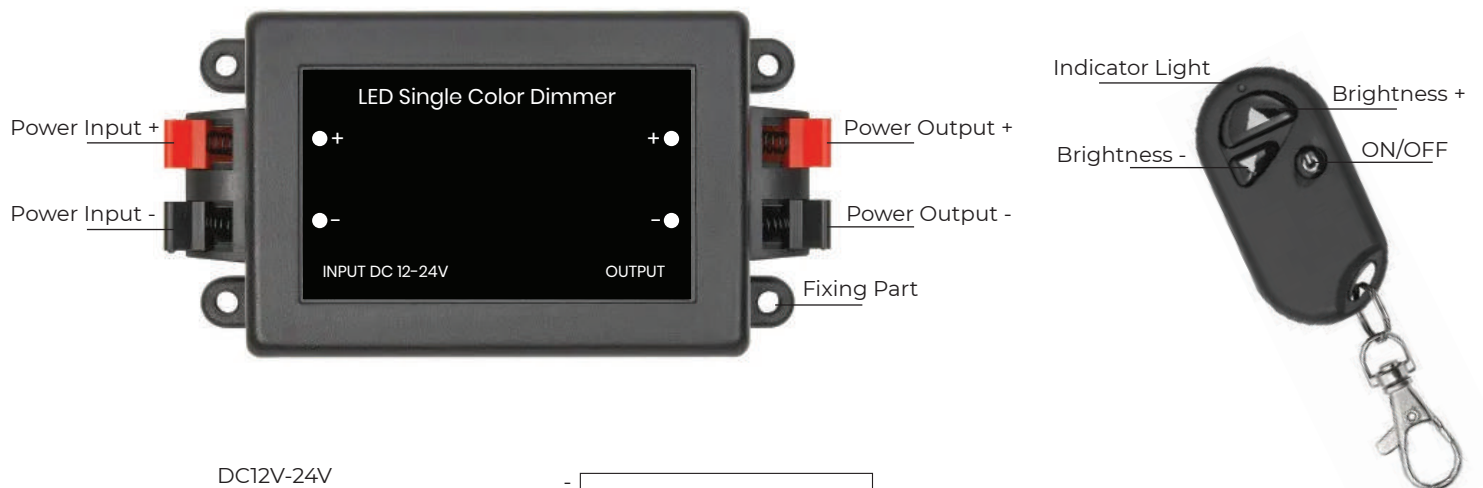
DESCRIPTION:

The Key Fob Dimmer provides smooth brightness control for single-color low-voltage LED lights. Designed for compact spaces, it includes an LED controller and a wireless key fob remote, offering convenient and stable dimming functionality. Compatible with 12V and 24V DC LED strip lights, it ensures flicker-free operation for various lighting applications.



FEATURES:

- Wireless RF remote control for easy brightness adjustment
- Flicker-free and stable dimming performance
- Compact and lightweight design for quick installation
- Compatible with single-color LED strip lights (5050, 3528, etc.)
- Ideal for residential, commercial, and automotive LED lighting
- Wireless Remote Functions:
 - Up arrow: Increase brightness
 - Down arrow: Decrease brightness
 - Power button: On/Off



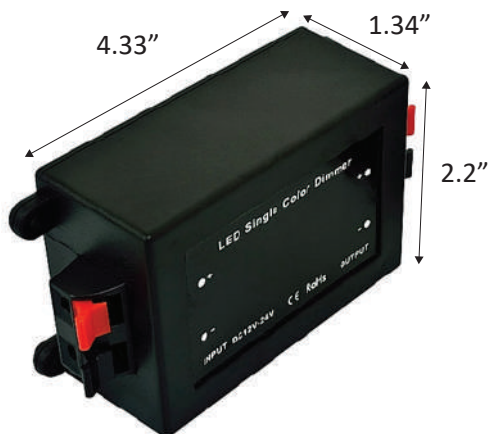
APPLICATIONS:

- Under-cabinet lighting
- LED strip lighting installations
- Display and accent lighting
- Automotive and RV lighting
- Residential and commercial dimmable LED setups

TECHNICAL SPECIFICATIONS:

Input Voltage	12V - 24V DC
Output Channels	1 Channel
Output Current	<8A
Operating Temperature	-4°F to 140°F
Dimensions	4.33" (L) x 2.2" (W) x 1.34" (H)
Control Distance	3.3 ft - 65.6 ft
Weight	0.2 lbs

DIMENSIONS:



PACKAGE INCLUDES:

- 1 x LED Single Color RF Dimmer
- 1 x Key Fob Remote
- 1 x User Manual