

Zemote Home Automation

LED Strip Dimmer

(Technical Manual)



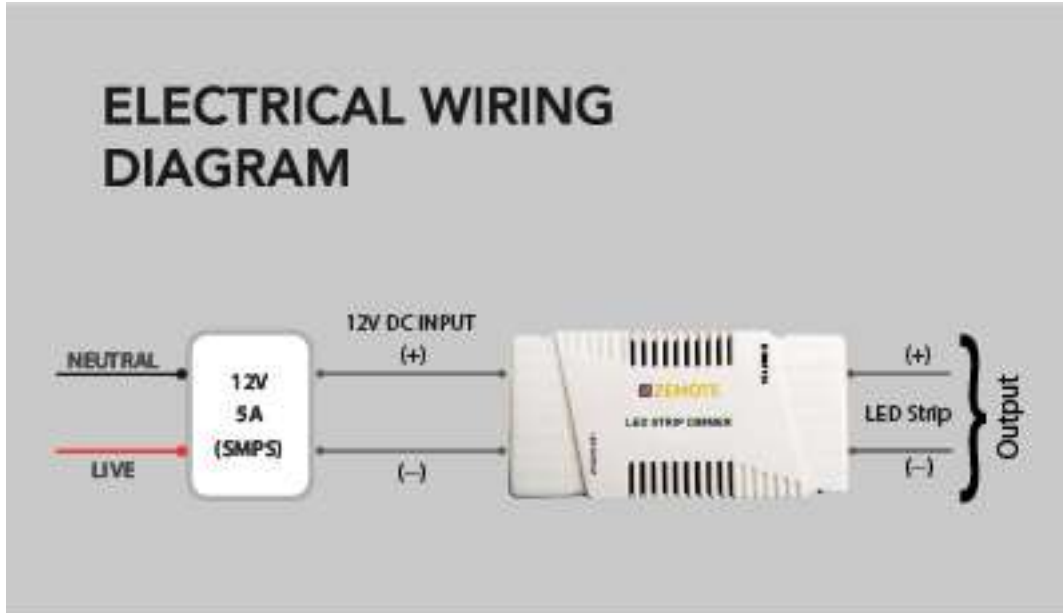
Product Overview:

The Zemote LED Strip Dimmer can be used to operate any single Colored Strip Light from the Zemote app. This driver is a 12V DC driven strip controller and can be used to Dim the strip light . Our proprietary dimming technology ensures that you don't need any extra wiring to achieve dimming.

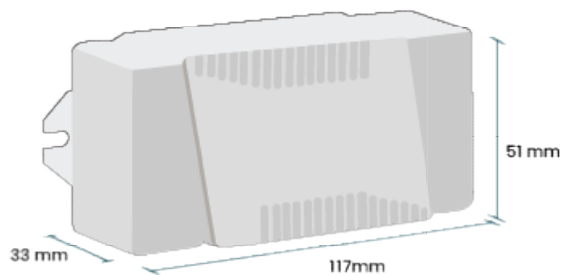
Technical Specifications:

Power Source	: 12 V DC via SMPS
Input Current	: 5 A
Max Power Output	: 150 Watts
Output Terminals	: + and -
Load per switching zone	: LED Strip
Operating Temperature	: -10 to +55 C
Dimming Levels	: (0% to 100%)
Minimum broadband speed	: 512 Kbps and above
Communication protocol	: Wi-Fi 2.4 Ghz (802.11b/g/n)
Monthly data consumption	: Less than 3 KB

Wiring Diagram:



Dimensions:



Suitable For

- Single Coloured LED Strip Lights.

Safety Warnings:

- Ensure that connections to the module are made only after switching OFF supply from the MCB.
- The maximum voltage during surge should be not more than 450V.
- Ensure that the supply to the driver is 12V DC from the SMPS.
- Ensure that the Power and Current Requirements of the Driver are met.

Standard Warranty:

Zemote offers a standard 5 years Warranty on the LED Strip Dimmer.