

# Installation Guideline for LED Dimmer



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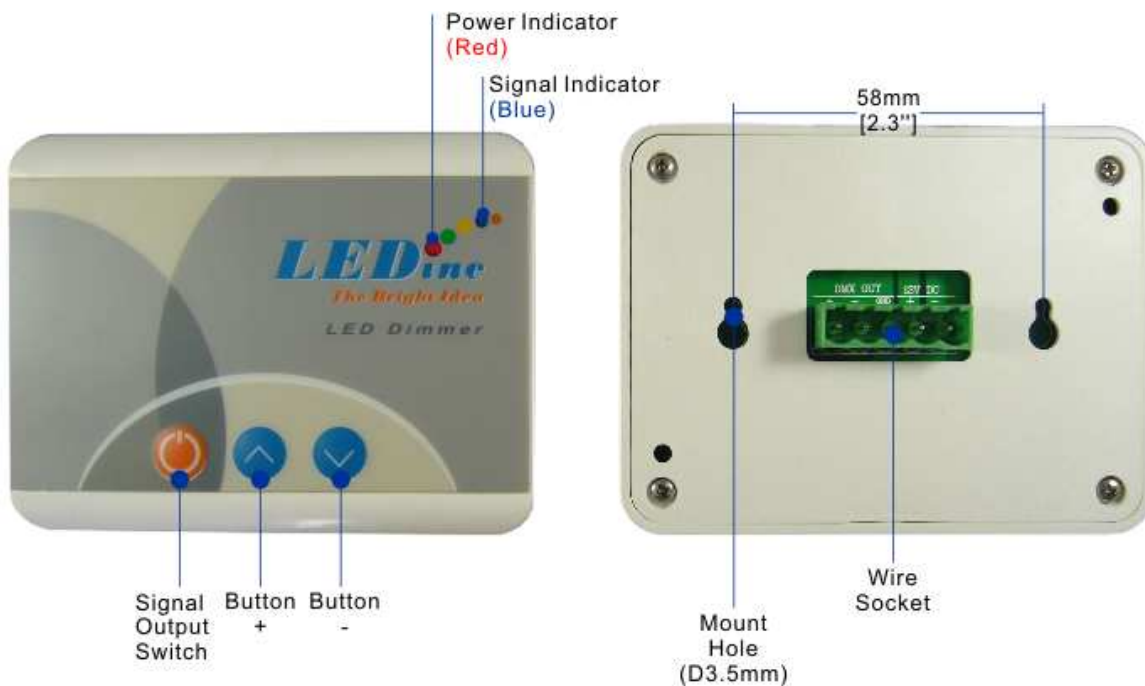
This new **LED Dimmer** is designed to save energy, with a user friendly interface. Based on the RS-485 protocol, you can easily link the LED modules and LED strips to the DMX converter. At a push of the button, it makes the dimming function simple.

- ◆ Full dimming range (0~100%)
- ◆ Pulse Width Modulation (PWM) dimming
- ◆ Simple design, easy to use

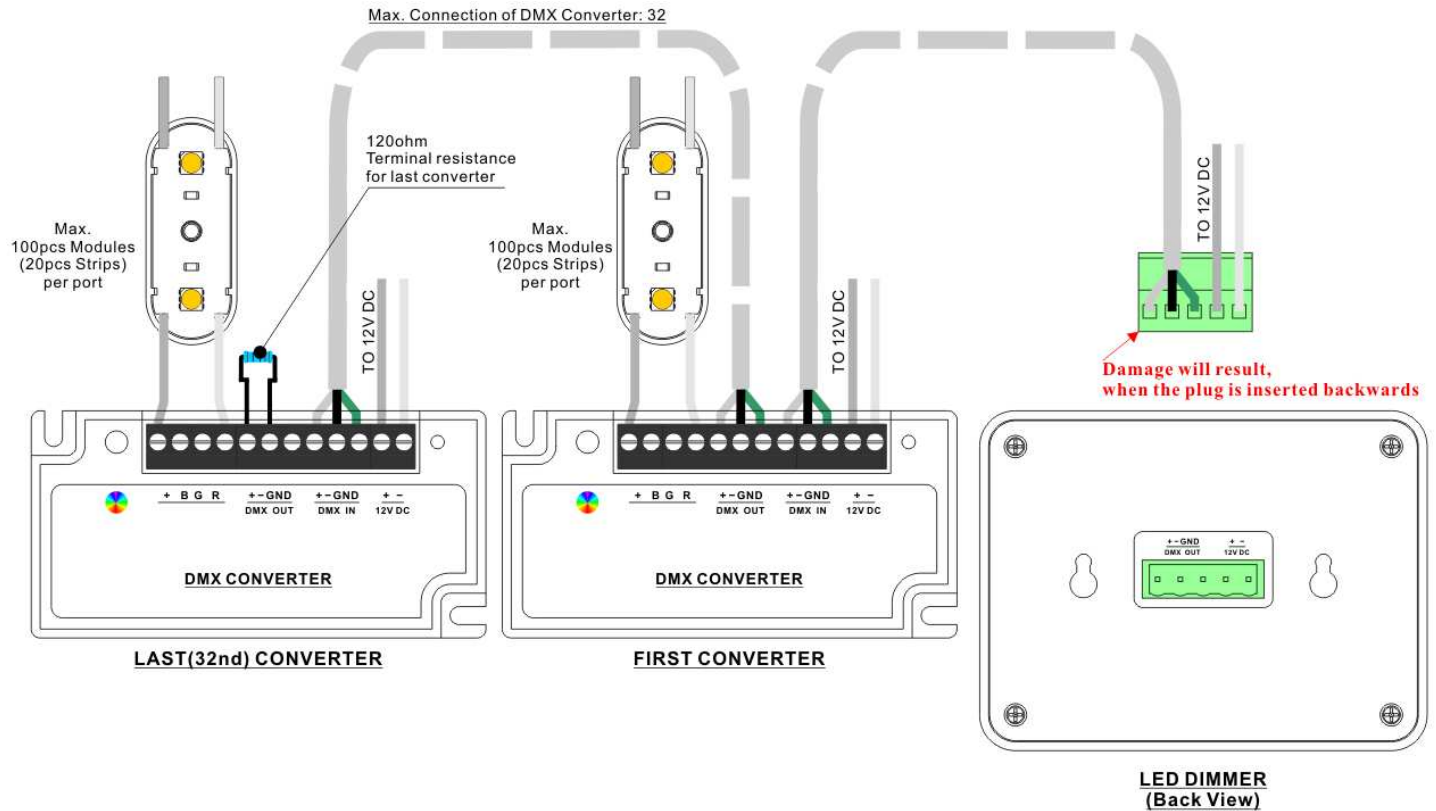
## » Specifications

<b>Part No:</b>	04007-5000
<b>Dimensions: (L*W*H)</b>	3.9" x 3.0" x 0.9" (100 x 76 x 24 mm)
<b>Weight:</b>	0.4 Lbs
<b>Input Voltage:</b>	12V DC
<b>Input Current:</b>	300 mA
<b>Operating Temperature</b>	32-140°F (0-60°C)

## » Overview of LED Dimmer



## » Wiring Diagram



## » Instructions

- Step 1.** Connect the LED dimmer to the first DMX converter
- Step 2.** Link the LED module or LED strip to the DMX converters
- Step 3.** Turn on power to the system
- Step 4.** Press the button to change the brightness

## » Notes

1. You can change the brightness continuously or step by step
2. The maximum linked quantities of DMX converter under control of 1 LED dimmer is **32**
3. A DMX address is not necessary
4. A terminal resistance (120Ω/0.25W) must be added to the last DMX converter
5. To avoid a voltage or signal drop, the maximum wiring distance we recommend is as follows:
  - 1) LED Dimmer to the last Converter: **328** feet (100 meters)
  - 2) Converter to the end of LED module/Strip: **33** feet (10 meters)