

GM Lighting

GM Lighting: LTRGB-CNR 12VDC Touch Controller with Remote Installation Instructions

For Models: LTR150-RGB & LTR150WP-RGB

**** NOTE: Charge remote for 4 hours prior to use using USB cable (included) ****

Remote can be charged by connecting USB cable to computer/laptop,

Or by using a USB plug-in wall charger (included)

RGB LED controller is designed to operate up to (4) RGB LED ribbons (LTR150-RGB/LTR150WP-RGB).

*** For projects using (5) or more ribbons please consult factory ***

For outdoor installations, RGB LED controller must be installed in weather-proof enclosure.

Wiring controller to power supply: After power supply is wired, connect output from power supply to input side of RGB LED controller (LTRGB-CNR) screw terminals which are clearly marked (+/-). Make sure polarity is correct.

Wiring RGB LED ribbon (LTR150-RGB/LTR150WP-RGB) to RGB LED (LTRGB-CNR) controller: Connect (4) color wires from RGB ribbon to output side of RGB LED controller. Connect Red (R), Green (G), Blue (B) wires from RGB ribbon to color corresponding output screw terminals on RGB LED controller; connect Black wire from RGB ribbon to orange (+) screw terminal on RGB LED controller. Wiring for RGB LED controller is completed.

RGB LED ribbon can be operated via the RGB LED controller in unison with the hand-held remote.

Operating RGB LED controller (LTRGB-CNR): Touch "Power" button on controller to turn ribbon on or off. Using the "MODE", "SPEED", and "BRT" (bright) buttons you can create your own lighting environment. Buttons must be softly tapped repeatedly to adjust settings. "PAUSE" button will stop effects and stay on the color that is currently on ribbon.

Setting up and operating RGB LED remote control: Before using the remote control it has to be matched to the controller. After charging the remote, and connecting the RGB LED ribbon and controller to a power supply, turn system on using "POWER" button on controller. Then (1) Press the "POWER" key on controller to turn system off. (2) Push the "PAUSE" key on controller, RGB LED ribbon will light up in Red. (3) Press the power key (⏻) on the remote and the RGB LED ribbon will blink on and off 3 times in Green. The remote has now been programmed. (4) Press the power key on the remote to test. If the RGB LED ribbon does not turn on repeat steps 1-4.

Operating remote: Touch "Power" button on controller to turn ribbon on or off. Using the "MODE", "SPEED", and "BRT" (bright) buttons you can create your own lighting environment. Buttons must be softly tapped repeatedly to adjust settings. "PAUSE" (⏸) button will stop effects and stay on the color that is currently on ribbon.

Color Wheel: the color wheel at the top of remote changes the color of the RGB LED ribbon by running finger around to desired color. The diode in the middle of the wheel represents the current color on the RGB LED ribbon.

**Note: The numbered key pad is used only when operating multiple RGB LED controllers (LTRGB-CNR)
For custom layouts requiring multiple controllers operating from (1) remote-Consult Factory**