

GM Lighting

GM Lighting: LTRGB-AMP 12 VDC RGB Amplifier Installation Instructions

For Models: LTR150-RGB & LTR150WP-RGB

**** Please consult factory when using the LTRGB-AMP to ensure proper layout ****

The LTRGB-AMP RGB LED Amplifier is designed to be used in projects requiring more than (4) RGB LED ribbons (LTR150-RGB/LTR150WP-RGB)

In projects using (5) or more reels, the use of the RGB Amplifier allows additional reels to be added while utilizing the same RGB LED controller (LTRGB-CNR) without experiencing voltage loss.

The LTRGB-AMP can be used with its own power supply, or wired back to the original power supply.

The LTRGB-AMP is a 12VDC amplifier that requires a 12VDC input using either the LTP or LTH series power supplies (12" DC-Plug provided for LTH series power supplies, when using the LTP series the DC-Plug is an integral part of this series power supplies). The RGB LED Amplifier will boost the signal from the RGB LED controller to increase quantity of reels used on a project.

Wiring: the LTRGB-AMP has to be directly connected to a RGB LED controller (LTRGB-CNR). Wire the output side of the LTRGB-CNR by connecting (4) wires: R, G, B, + to the input side of the LTRGB-AMP, making sure the wires connected to the LTRGB-AMP correlate with the wires connected to the LTRGB-CNR. Connect RGB LED Ribbon (4 color coded wires) to the output side of the amplifier, making sure all wires are connected correctly: R, G, B, +.

Up to (4) RGB LED ribbons (LTR150-RGB/LTR150WP-RGB) may be run off of one amplifier before having to tap in with additional amplifiers. Each reel of LTR150-RGB/LTR150WP-RGB ribbon has to be connected directly to the amplifier.

