



PRODUCT NAME	RGB LED Signal Amplifier / Repeater, 5-24VDC 8A/CH
URL	Click Here
MASTER SKU	LC-LT-1R3BA
DESCRIPTION	This signal amplifier is capable of extending your 5-24VDC RGB control signal an impressive 8 amps per 3 channels. Capable of larger loads than our other signal amplifiers this amplifier can extend your control signal 288W at 12VDC or 576W at 24VDC. 3 Channel RGB signal amplifiers can be used to add more RGB LED modules, RGB LED Ribbon or RGB LED Lights to your existing RGB LED controller and will allow the additional lights to perform the same color changes as the RGB lights that are connected to the main controller. You can also use this amplifier with a single color PWM dimmer to extend your dimming to 3 outputs of 96W at 12VDC or 3 outputs of 192W at 24VDC. By adding this RGB Amplifier and another power supply you can add more RGB Lighting to your existing RGB lights. For use with Constant Voltage power, 12-24VDC systems only. 5A per channel with a maximum power of 180W at 12VDC and 360W at 24VDC, through this amplifier. For use with 4 pin, 3 loop, common anode style RGB Lighting. The power supply and RGB signal wires are connected by screw down type wire connections.
DIMENSIONS	5.83" x 3.43" x 0.91"H (148mm x 87mm x 23mm)
CONNECTION TYPE	4 Wire RGB(+)
INPUT POWER	5-24VDC Constant Voltage
OUTPUT POWER	8A x 3 Channels Max
WATTS	12VDC - 288W / 24VDC - 576W
RATING	Dry / Indoor
OPERATING TEMP	-22° ~ 149°F (-30° ~ 65°C)
WARRANTY	1 year manufacturers

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