

RGB LED Neon Controller, 120V AC Input, IR Remote, Common Anode

OVERVIEW

The M-N15-RGB-CTL is an IR remote-based controller designed for use with M-N15 Series RGB LED neon lights. It provides control over color selection, brightness, and dynamic lighting effects through a 20-button IR remote, and is compatible with common anode wiring configurations.

The controller accepts 120V AC input and delivers a 120V DC output at up to 3x1.33A across three channels. It supports multiple static color modes, automatic color cycling, jump and fade transition effects, and music-synchronized operation. Four speed settings govern dynamic mode transitions. The unit retains its last operating state after power interruption. Rated operating temperature range is -20°C to +50°C, and the controller operates at 60Hz.

Warranty is one year, excluding damage resulting from misuse or overload conditions. Note that this controller performs AC-to-DC conversion only and does not provide constant-voltage or constant-current regulation; load voltage must match the specified output voltage. No third-party certifications are confirmed in available documentation.

SPECIFICATIONS

Input voltage	AC 120V V	Weight	824 g
Output Voltage	DC 120V V	Dimensions	156 x 106 x 55 mm
Output Current	3 x 1.33 A	Warranty	1 years
Operating temp	-20 to +50 °C	Working Frequency	60 Hz