

RGB RF Remote Controller for High-Voltage LED Strip, 1500W, 16 Colors

OVERVIEW

The M-HR-Z-RGB-RC is a high-voltage RF remote controller designed to manage RGB LED strip lighting systems, including high-voltage strips, rainbow tape, and LED modules operating at AC 110V or 220V. Using radio frequency wireless communication, it provides reliable control from up to 20 meters away across a 50-meter use range, without requiring line-of-sight to the receiver.

The controller supports a maximum load of 1500W at 220V (1000W at 110V) with a maximum output current of 3x3A per channel via common anode connection. It delivers 16 static color selections along with dynamic modes including gradient, jumping, flicker, and strobe effects. Brightness and speed are both adjustable, and a broken-memory function retains the last setting after power interruption. Static power draw is under 1W. Unit dimensions are 90x70x28mm with a gross weight of 180g.

No certifications are confirmed in the available source documentation. Contractors and specifiers should verify local code compliance and applicable safety standards before installation. No warranty terms are specified in the provided product data; consult Poli LED & Signs directly for warranty coverage details.

SPECIFICATIONS

Power	1500 W	Dimensions	90 x 70 x 28 mm
Input voltage	AC 110V/220V V	Weight	0.6 lb