

PL-WM-ST1440

Overview

The **PL-WM-ST1440** is a high-output RGB LED strobe fixture designed for concerts, outdoor stages, architectural lighting, and large-scale show productions. Equipped with 1,440 RGB 5050 LEDs, IP65 weatherproof protection, advanced control modes and powerful built-in effects, it delivers exceptional brightness, dynamic strobing performance, and long-term durability for professional lighting environments.

Product Specification

Items	Specification
Model	PL-WM-ST1440 – 1440 LED Strobe
Light Source	1,440 pcs RGB 5050 LEDs
LED Lifetime	Approx. 50,000 hours
Features	Running light, coloring, strobe flash
Dimmer	1–100% linear dimming
Strobe Rate	0–20 F.P.S
Built-in Programs	Yes
End-to-End Capability	Supported
IP Rating	IP65 (Outdoor use)
DMX Protocol	DMX512
DMX Channels	3 / 5 / 11 / 50 CH
Control Modes	DMX512, Auto-run, Master–Slave, Sound Activation
Input Voltage	AC 90–260V auto sensing
Power Consumption	800W
Power Connections	PowerCON In & Out
DMX Connections	3-pin XLR In/Out
Physical Size & Weight	635 × 170 × 330 mm — 17.5 kg

Feature

- Ultra-Bright RGB Output: 1,440 pcs 5050 RGB LEDs with vibrant color mixing.
- Wide Control Flexibility: Supports 3 / 5 / 11 / 50 DMX channels.
- Multiple Control Modes: DMX512, auto-run, master-slave, sound activation.
- Dynamic Effects: Running light, color effects, and high-speed strobe.
- Smooth Dimming: Linear dimmer 1–100%.
- High-Speed Strobe: 0–20 flashes per second (F.P.S).
- Outdoor-Ready: IP65 design for all-weather performance.
- Chainable Installation: Power in/out & end-to-end connection supported.
- Long LED Lifespan: Average 50,000 hours.
- User Convenience: Built-in programs for quick setup.

