

PL-M-600PM

► Overview

The PL-M-600PM 600W LED Moving Head is a high-performance professional lighting fixture designed for stage, theatre, and event applications. Equipped with a 600W high-output white LED module, it delivers strong brightness, excellent beam uniformity, and reliable performance.

Featuring a CMY color mixing system with CTO correction, dual color wheels, and a professional 4-blade framing system, the fixture enables precise beam shaping and creative lighting effects. The integration of motorized focus, frost filter, iris, and high-speed strobe ensures versatility across a wide range of lighting scenarios.

With 16-bit smooth pan/tilt movement, flicker-free operation, and robust thermal protection, the PL-M-600PM is ideal for both live performance and broadcast environments.

► Feature

- 600W high-power white LED engine
- CMY + CTO color mixing system
- Dual color wheels with rainbow effect
- Professional 4-blade framing system (150° rotation)
- Rotating gobo system with shake & indexing
- Motorized HD focus + frost effect
- Adjustable iris (5%–100%)
- High-speed strobe (1–25 Hz)
- 16-bit smooth dimming and pan/tilt
- Flicker-free operation for broadcast
- Intelligent cooling with thermal protection



PL-M-600PM

▶ Product Specification

Specification	Details	Specification	Details
Type	600W LED Moving Head	Color Wheel 2	4 colors + white, rainbow effect
Power Supply	AC 100–240V, 50/60Hz (Auto sensing)	Rotating Gobo	6 gobos + water effect
Power Consumption	650W	Gobo Effects	Shake, indexing
Light Source	600W high-power white LED module	Framing System	4 blades, rotatable 150°
LED Lifetime	≥ 20,000 hours	Focus	Motorized HD
MTBF	≥ 20,000 hours	Frost	Built-in frost filter
Beam Uniformity	≥ 90%	Iris	5%–100%
Color Temperature	7300K	DMX Channels	31 CH
CRI	≥ 80	Control Protocol	DMX512
Dimmer	0–100% linear (16-bit)	Pan	540° (16-bit)
Flicker-free	PWM ≥ 2kHz – 25kHz	Tilt	270° (16-bit)
Strobe	1–25 Hz	Cooling	Intelligent fan
Color System	CMY color mixing	Protection	Overheat protection
CTO	3000K–6500K	IP Rating	IP20
Color Wheel 1	4 colors + white	DMX Connection	3-pin XLR IN/OUT
		Dimensions	38.5 × 28 × 70 cm
		Weight	25.5 kg