

SL250BSW-J1

250W RGB 3-in-1 LED Moving Head Light



Description

The SL250BSW-J1 is a professional 250W LED moving head light designed with beam, spot, and wash functions in one fixture, delivering powerful performance for stage lighting applications. It adopts a high-efficiency 250W white LED module with a CRI of ≥ 92 and a long lifespan of up to 20,000 hours, ensuring stable and high-quality illumination. Equipped with linear CTO (2800K–7800K), independent CMY mixing, 6-color wheel with rainbow effects, dual gobo wheels, prism, and frost functions, it provides rich and dynamic visual effects. With a 4.5°–30° motorized zoom system, 540° pan and 270° tilt movement with 16-bit precision, and 22 DMX channels, it enables precise and flexible lighting control. DMX512, RDM, master-slave, sound-activated, and built-in auto modes make it suitable for concerts, theaters, TV studios, weddings, churches, banquet halls, and large-scale stage performances.

Features

- 250W high-power white LED module with high efficiency output
- Beam, Spot, and Wash 3-in-1 multifunctional lighting system
- 4.5°–30° motorized zoom for flexible beam shaping
- Independent CMY color mixing system with smooth linear control

- 6-color wheel with half-color and rainbow effect
- Linear CTO (2800K–7800K) for precise color temperature adjustment
- Dual gobo wheels: fixed + rotating gobos with shake and flow effects
- 8-facet prism with rotation effects for dynamic visuals
- Independent frost filter for soft wash effect
- 0–100% smooth linear dimming and multi-strobe effects (1–22Hz)
- 540° pan / 270° tilt with 16-bit fine movement resolution
- 22 DMX channels with multiple control modes
- LCD touch display with intuitive menu operation
- Silent cooling fan with intelligent temperature control
- Software upgrade supported via DMX connection

Specifications

Model	SL250BSW-J1
Input Voltage	AC100-240V 50/60Hz
Power Consumption	400W
Light Source	250W white LED module
LED Lifespan	≥20,000 hours
Color System	6-color wheel + CMY mixing + linear CTO (2800K–7800K)
CRI	≥92
Zoom Range	4.5°–30° linear motorized zoom
Gobo Wheels	Fixed gobo wheel (9 gobos + open), Rotating gobo wheel (7 gobos + open)
Effects	Prism (8-facet), frost, rainbow, shake, flow
Dimming	0–100% linear dimming
Strobe	1–22Hz multi-strobe effects
Pan/Tilt	540° / 270° with 16-bit precision and auto correction
Control Modes	DMX512, RDM, Auto, Sound, Master/Slave
DMX Channels	22CH
Display	LCD touch screen
Cooling	Silent fan with intelligent temperature control
Housing	High-strength material structure
Ingress Protection	IP20
Net Weight	13.7kg
Gross Weight	15kg
Product Dimensions	570 × 369 × 320 mm
Package Dimensions	400 × 325 × 670mm