



Moving Head Beam Light

TL-LT812



Features

- *Optical System: Utilizes high-temperature-resistant, high-transmittance optical glass (six-layer coating) with a $\phi 170\text{mm}$ aperture lens.
- *Dimming: 0-100% linear dimming, supporting four dimming curves (square, reverse, straight, and S-curve) to meet the needs of various applications.
- *Strobe: 0-23 times/second dual-chip strobe, with adjustable speed, supporting random and pulsed strobes.
- *Color Mixing System: CMY linear, stepless color mixing, providing smoother color transitions and a wider color gamut; independent linear CTO, color temperature range 2700K-7000K.
- *Color Wheel: 12 colors + 1 white light, adjustable speed, and arbitrary positioning function.
- *Fixed Pattern Wheel: 18 fixed patterns + 1 white light, with pattern dithering, a bidirectional variable-speed water effect, adjustable speed, and arbitrary positioning function.
- *Rotating Gobo Wheel: 7 rotating gobos + 1 white light with gobo jitter, bidirectional variable-speed water effect, forward and reverse rotation, adjustable speed, and arbitrary positioning.
- *Dynamic Effect Wheel: 1 gobo wheel with a water effect, forward and reverse rotation, and adjustable speed.
- *Focus: Linear motorized focus.
- *Zoom: 1-9x linear motorized zoom.
- *Prisms: 1 octahedral prism + 1 quadruple mirror, 1 hexadecane prism + 1 atomizer, adjustable speed, arbitrary positioning, and prism stacking.
- *Scanning Range: 540° or 630° on the X-axis (16-bit precision scanning), 270° on the Y-axis (16-bit precision scanning). Electronic error correction, non-contact magnetic rotary encoder positioning, precise scanning positioning, signal feedback, and absolute position memory.
- *Software Update: Supports DMX signal updates and remote online updates from a cloud server, making software updates fast and convenient.
- *Display Interface: A 2.8-inch LCD display with English and Chinese interface, five mechanical buttons, and a new visual UI provide an intuitive operating experience. It supports switching between Chinese and English, and features a 180° font inversion function.
- *Real-time Monitoring: By monitoring the fan speed in real time, the display shows the fan's rotation status and speed, helping users better understand the device's operating status and heat dissipation.
- *Intelligent Cooling: Utilizing a high-efficiency adjustable-speed fan and intelligent temperature control algorithm, the fan speed is dynamically adjusted based on the internal temperature of the luminaire, balancing noise and heat dissipation efficiency.
- *Temperature Protection: Multiple built-in sensors intelligently reduce the light source's output power or temporarily shut it down when the temperature exceeds a safe threshold.
- *Scene Editing: Equipped with 20 independently editable scenes, a variety of scene lighting effects can be recorded and programmed from a single device.
- *Pop-up Alerts: A pop-up alert automatically pops up when the device experiences a malfunction or other problem, alerting the user to the issue and allowing them to take timely action.



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Specification

Input voltage	AC 110-240V , 50/60Hz
Rated power	545W
Power factor	PF≥0.98
Ballast	Electronic ballast
Light source	PHILIPS 460W bulb
Lamp life expectancy	2000H
Color temperature	7800K
Luminous flux	20000 lm
Color rendering index	Ra≥80
Beam angle	Beam 0°-3° Pattern 3°-27° Color 6°-54°
Control method	DMX512 protocol, supports RDM protocol and program online update function, supports self-propelled mode and master-slave mode
Channel mode	23 channels in simplified mode, 27 channels in standard mode
Casing material	Constructed of high-temperature-resistant engineering plastic and cast aluminum
Power connector	One power input port
Signal connector	One DMX512 input port, one DMX512 output port
Operating temperature	-20°C ~ 45°C
IP rating	Ip66
Product dimensions (L×W×H)	477×320×724mm
Packaging dimensions (L×W×H)	630×550×660mm (carton)
Packaging gross weight	46kg
Product net weight	40.5kg