

# PL-ML-6R

## ► Overview

PL-ML-6R Red Laser Moving Head Light is a high-impact effect fixture designed for professional stage, club, and event applications. Equipped with six powerful red 500mW laser diodes, it delivers sharp beams, dynamic movement, and stunning aerial effects. With fast 90° pan and 240° tilt, multiple operating modes, and DMX control (19 channels), the ZZ-ML-6R offers exceptional flexibility for lighting designers. Built with touring-grade components and a durable housing, the fixture ensures stable performance and long service life.

## ► Product Specification

Item	Specification	Item	Specification
Light Source	6 × Red laser diodes	Display	Digital display
Laser Power	500mW per diode	Power Supply	AC 100–240V, 50/60Hz
Wavelength	638 nm	Power Consumption	150W
Laser Class	Class 3B	Connections	3-pin XLR in/out
Beam Divergence	< 2 mrad	Cooling	Intelligent fan cooling
Effects	Built-in patterns, strobe, aerial beams	MTBF	≥ 20,000 hours
Pan / Tilt	90° / 240°	IP Rating	IP20
Control Protocol	DMX512	Dimensions (L×W×H)/Weight	85 × 14.3 × 21.5 cm/10.3 kg
DMX Channels	19 channels	Housing	ABS + metal
Control Modes	DMX / Auto / Sound / Master-Slave		

## ► Feature

- 6×high-power 500mW red laser diodes
- Sharp, precise laser beams with excellent aerial visibility
- Fast and smooth 90° pan / 240° tilt movement
- Multiple control modes: DMX512, Auto Run, Master-Slave, Sound Active
- 19-channel DMX for advanced programming
- Built-in macros and laser animation effects
- High-reliability electronics with MTBF ≥ 20,000 hours
- Compact and lightweight body for easy installation
- Ideal for clubs, stages, concerts, events, and rental companies.

