

LASER MH-10

10W RGB Laser
Moving Head

VAL lighting

Technologie Die Verbindet



OVERVIEW

The VAL LASER MH-10 is a professional 10W full-color RGB laser moving head designed for modern stage, club, and touring applications. Powered by a high-precision semiconductor laser generator and integrated LED ring system, it produces vibrant laser animations and colorful aperture effects with smooth transitions. Featuring 540° horizontal and 270° vertical scanning with 16-bit precision and electronic error correction, it ensures accurate and fluid motion control. With 36 RGB LED fill lights for auxiliary effects, a wide range of built-in programs, and DMX512, sound, auto, and master-slave control modes, the MH-10 delivers dynamic visuals and reliable performance for any professional lighting environment.

KEY FEATURES

- 10W full-color RGB laser output (R: 3W @ 638 nm / G: 3W @ 530 nm / B: 4W @ 450 nm)
- Analog modulation for smooth and vivid color transitions
- 36 × 5050 RGB 3-in-1 LED beads with water-flow and dynamic color effects
- 540° pan / 270° tilt with 16-bit precision and electronic error correction
- 29/46-channel DMX modes for flexible control
- Built-in macro and self-propelled lighting programs
- LCD color display for intuitive operation
- Fan-forced cooling system for stable long-term use
- Constructed with high-temperature resistant, fireproof ABS housing
- Includes dual folding lamp hook for flexible mounting options
- Designed for indoor professional environments

APPLICATIONS

- Nightclubs and lounges
- Live concerts and touring events
- Stage shows and entertainment venues
- DJ lighting and event productions
- Multimedia and visual installations

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SPECIFICATIONS

Model	LASER-30FB4
Input Voltage	AC 100–240 V, 50/60 Hz
Rated Power	200 W
Laser Power Output	10 W RGB (R 3W / G 3W / B 4W)
Laser Source	Semiconductor laser generator
Wavelengths	R: 638 nm / G: 530 nm / B: 450 nm
Laser Color	Full color (RGB)
Modulation Type	Analog
LED Ring Light	36 × 5050 RGB 3-in-1 LEDs
Laser Pattern	Animated laser + LED aperture effects
Channel Modes	29 / 46 channels
Pan / Tilt Range	540° / 270° (16-bit precision, electronic correction)
Dimming System	0–100% linear dimming
Control Modes	DMX512 / Sound / Auto / Master-Slave
Macro Functions	Console reset, bubble open/close, built-in self-propelled
Display	LCD color screen
Cooling System	Fan-forced cooling
Material	High-temperature resistant, fireproof ABS
Mounting	Dual folding lamp hook (standard or flexible)
Working Environment	-20°C to +40°C
Protection Rating	IP20