

# 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

# LASER MH-10

10W RGB Laser  
Moving Head

VAL lighting

Technologie Die Verbindet

## 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  |