



# THRILL Multi-FX LED

THRILL Multi-FX LED is a 3-in-1 LED light fixture with an impressive number of tricks up its sleeve, guaranteed to make your show larger than life. It is equipped with laser, strobe, and rotating colored multibeams with super bright output for a great variety of dazzling looks and mid-air effects.

With its high-speed, ultra-sharp laser beams, the THRILL Multi-FX LED is ideal for creating dramatic atmospheres and boosting energy levels in a variety of setups ranging from entertainment and club environments to wedding parties and corporate shows.

High-speed hybrid effect light fixture that energizes crowds with multibeams, laser and strobe effects

Easy plug-and-play control

Portable and lightweight

## FEATURES

- Energizing multi-effect light featuring multibeam, laser, strobe
- Vibrant 5 x 3 W RGBWA rotating multibeam effects
- Blinding 8 x 1 W white LEDs for strobe effects
- Projects hundreds of razor sharp laser beams with 50 mW green and 100 mW red lasers
- Easy to operate standalone sound-activated, master/slave control methods
- 8 professionally pre-programmed shows
- DMX operable for individualized control and design
- Included adjustable bracket for hanging or surface mount
- Common IEC mains inlet/thru – mains cable included

## TECHNICAL SPECIFICATIONS

### Physical

Length: 249 mm (9.8 in.)

Width: 229 mm (9.0 in.)

Height: 249 mm (9.8 in.)

Height with hanging bracket: 288 mm (11.3 in.)

Weight: 4.0 kg (8.9 lbs.)

### Dynamic Effects

#### Multibeam effects

Color mixing: RGBWA

Color selection: 36 color presets

Electronic dimming: 0-100%

Strobe rate: 0-22 Hz

Strobe and pulse effects: Variable speed and action, random strobe

Electronic 'shutter' effect: Instant open and blackout

#### Strobe effects

Color: White

Strobe rate: Fixed, 15 Hz

Special effects: On/off, strobe effect, pulse effects, random and blackout

#### Laser effects

Color: Red, green

Special effects: On/off, strobe effect, pulse effects, random and blackout

## GALLERY



## Control and Programming

Control options: DMX, stand-alone  
Safety switch, laser: Keyed switch on/off operation  
DMX channels: 2/16  
Stand-alone trigger options: Sound-trigger, auto-run  
User interface: Control panel with LED display  
DMX compliance: ANSI E1.11 - USITT DMX512-A

## Optics

### Multibeam and strobe

Multibeam light source: 5 x 3 W RGBWA LEDs  
Strobe light source: 8 x 1 W White LEDs  
Minimum LED lifetime: 30 000 hours (to >70% luminous output)\*

### Laser

Green laser, power / wavelength: 50 mW / 532 nm  
Red laser, power / wavelength: 150 mW / 650 nm  
Aperture diameter: 7 mm  
Beam shape: Divergent  
Pulse duration (frequency): Not pulsed  
Maximum single-beam laser power from aperture: 7.5 mW  
Class: 3B (US: Class IIIB)  
Minimum laser lifetime: 3 000 hours\*  
*\*Figure obtained under manufacturer's test conditions*

### Construction

Housing: Steel  
Color: Black  
Ingress protection: IP20

### Installation

Mounting: Adjustable bracket, surface or truss mount  
Mounting points: Bracket for single rigging clamp, M12 or ½"  
Orientation: Any (respecting laser precautions)  
Location: Indoor, dry locations only, overhead use only  
Minimum distance above floor level: 3 m (9.8 ft.)  
Minimum distance from public: 3 m (9.8 ft.)

### Connections

AC power in/thru: IEC male inlet/female connector, C14/C13  
DMX data in/thru: 3-pin XLR

### Electrical

AC power: 100-240 V nominal, 50/60 Hz  
Fuse: F 3 AL, 250 V  
Typical power consumption: 35 W  
Maximum number of fixtures on AC power throughput, 100-130 V: 6 x THRILL Multi-FX LED or 3 A  
Maximum number of fixtures on AC power throughput, 220-240 V: 10 x THRILL Multi-FX LED or 3 A  
*Power consumption figures are typical, not maximum. Allow for +/-10% variation.*

### Typical Power and Current

110 V, 60 Hz: 0.5 A, 35 W \*  
230 V, 50 Hz: 0.3 A, 35 W \*

*\*Measurements made at nominal voltage with all LEDs at full intensity. Allow for a deviation of +/- 10%.*

### Thermal

Cooling: Passive  
Maximum ambient temperature (Ta max.): 40° C (104° F)  
Minimum ambient temperature (Ta min.): 0° C (32° F)  
Total heat dissipation (calculated, +/- 10%) at full intensity, full white: 225 BTU/hr.

### Approvals

EU safety: EN 60598-1, EN 60598-2-17, EN 60825-1, EN 62031, EN 6247-1, EN 6247-2-13, EN 62493, IEC TR 62471-2  
EU EMC: EN 55015, EN 61000-3-2, EN 61000-3-3, EN 61547  
FDA (pending)

### Included Items

Power cable, EU, IEC C13 female, molded Schuko, 1.5 m (4.9 ft.)  
Power cable, US, IEC C13 female, molded NEMA 5-15P, 1.5 m (4.9 ft.)  
Mounting bracket and hardware  
Set of keys for laser safety switch

### Accessories

Super lightweight half-coupler, black: P/N 91602018  
Safety cable, SWL 60 kg (132 lb.), BGV C1/ DGUV 17, black: P/N 91604006

### Related Items

Martin® M-Touch: P/N 90737040  
Martin® M-Play: P/N 90737030

### Ordering Information

THRILL Multi-FX LED: P/N 90280117

