GALLERY

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/client 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

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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 aperature: 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

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