RUSH MH 5 Profile

This compact and bright LED profile moving head with efficient optics punches out a variety of effects and colors. With two color wheels, two gobo wheels and rotating prism the MH 5 Profile offers full effect in a super compact housing, making it perfect for DJs, bands, clubs, bars, cruise ships and installations where small footprint and low weight is critical.

Compact 75 W LED moving head profile

One rotating and one fixed gobo wheel

Two color wheels

FEATURES

- Compact 75 W LED profile moving head

- Super bright - efficient optics

- Rotating gobo wheel

- Fixed gobo wheel

- 2 x color wheels

- Electronic dimming and strobe

- 3-facet prism

TECHNICAL SPECIFICATIONS

Physical
Length: 290 mm (11.5 in.)
Width: 187 mm (7.4 in.)
Height: 416 mm (16.4 in.)
Weight: 9 kg (19.9 lbs.)

Dynamic Effects
Color wheel 1: 8 colors plus open, rotation with variable direction and speed
Color wheel 2: 8 colors (incl. 1 x UV, 2 x CTC) plus open, rotation with variable direction and speed
Rotating gobo wheel: 6 gobos plus open, wheel rotation and gobo rotation
Static gobo wheel: 7 gobos plus open, wheel rotation and shake
Electronic 'shutter' effect: Strobe effect, pulse effects, instant open and blackout
Prism: Indexing and rotation with variable direction and speed
Focus: Motorized
Electronic dimming: 0 - 100%, four dimming curve options
Pan: 540°
Tilt: 270°
Pan and tilt speed: Adjustable via onboard control panel and DMX

Control and Programming
Control options: DMX, stand-alone
DMX channels: 16
Stand-alone trigger options: Music trig, auto trig
Stand-alone sequences: 4 pre-programmed shows
Music trig sensitivity: Adjustable
Setting and addressing: Control panel with backlit LCD display
Protocol: USITT DMX512/1990

Optics
Light source: 75 W LED engine
Minimum LED lifetime: 50 000 hours (to >70% luminous output)*
*Figure obtained under manufacturer's test conditions:

Construction
Color: Black
Housing: High-impact flame-retardant thermoplastic
Protection rating: IP20

Installation

Mounting: One quarter-turn bracket for rigging clamp
Location: Indoor use only, must be fastened to surface or structure
Orientation: Any

Connections
AC power in/thru: Neutrik PowerCon
DMX data in/out: 3-pin and 5-pin locking XLR

Electrical
AC power: 100-240 V nominal, 50/60 Hz
Typical total power consumption: 165 W
Power consumption figures are typical, not maximum. Allow for +/-10% variation.:

Typical Power and Current
100 V, 60 Hz: 1.7 A, 165 W
230 V, 50 Hz: 0.8 A, 157 W
Measurements made at nominal voltage with all LEDs at full intensity. Allow for a deviation of +/- 10%.:

Thermal
Cooling: Forced air (temperature-regulated, low noise)
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): 565 BTU/hr.

Approvals
EU safety: EN 60598-2-17 (EN 60598-1), EN 62471, EN 62493
EU EMC: EN 55015, EN 55032, EN 55103-2, EN 61000-3-2, EN 61000-3-3, EN 61547
US safety: UL 1573
US EMC: 47 CFR Part 15 Class A
Canadian safety: CSA C22.2 No. 166
Canadian EMC: ICES-003 Class A
Australia/NZ: C-TICK N4241

Included Items
Power cable, 1.5 m, without mains plug

Accessories

Cables, 16 A, for connection to power in chains:
Power input cable, 14 AWG, UL, SJT, 1.5 mm2, H05VV-F, with PowerCon input connector, 3 m (9 ft. 11 in.): P/N 11541508
Power relay cable, 14 AWG, UL, SJT, 1.5 mm2, H05VV-F, with PowerCon input connector, 1.4 m (4 ft. 8 in.): P/N 11541509
Power relay cable, 14 AWG, UL, SJT, 1.5 mm2, H05VV-F, with PowerCon input connector, 2.25 m (7 ft. 5 in.): P/N 11541510
Power relay cable, 14 AWG, UL, SJT, 1.5 mm2, H05VV-F, with PowerCon input connector, 3.25 m (10 ft. 8 in.): P/N 11541511

Connectors:
Neutrik PowerCon NAC3FCA power input connector, cable mount, blue: P/N 05342804
Neutrik PowerCon NAC3FCB power output connector, cable mount, light grey: P/N 05342805

DMX link
DMX termination plug, 3-pin male XLR: P/N 91613017

Installation hardware:
G-clamp: P/N 91602003
Half-coupler clamp: P/N 91602005

Related Items
RUSH™ Software Uploader 1: P/N 91611399

Ordering Information
RUSH MH 5 Profile™ in cardboard box, EU: P/N 90280040
RUSH MH 5 Profile™ in cardboard box, US: P/N 90280045