

RUSH MH 8 Mini Profile

The RUSH MH 8 Mini Profile is Martin Professionals smallest moving head to date with super sharp optics which delivers a high output that punches above its class. High speed pan & tilt with separate color and gobo wheels allows designers maximum flexibility from the lounge bar to the high energy dance floor all within an affordable price bracket.

The MH 8 Mini Profile uses the latest 18W White LED Technology that delivers super sharp optics with over 800 Lumens via a 14 degree beam angle. 8 individual gobos and colors are available with electronic strobe/dimming, manual focus and high speed Pan and Tilt via DMX or Audio Trig. This compact moving head only weighs 4.5KG.

Super Sharp Optics

High Output 18W White LED

Separate Color and Gobo Wheel

FEATURES

- Super Sharp Optics
- Gobo projection is crisp and flat which is class leading in this product category
- High Output
- Latest generation Osram 18W LED allows >800 Lumens which is class leading in this category.
- Separate Color and Gobo Wheel
- Allows designers maximum flexibility

TECHNICAL SPECIFICATIONS

Physical
Length: 157 mm (6.1 in.)
Width: 237 mm (9.3 in.)
Height: 327 mm (12.9 in.)
Weight: 4.5 kg (9.9 lbs.)

Dynamic Effects
Color wheel: 8 colors plus open, variable and random rotation
Gobo wheel: 8 static gobos plus open, variable and random rotation
Strobe: Variable from 3 - 20 Hz, pulse effects and random strobe
Electronic dimming: 0 - 100%, four dimming curve options
Pan: 540°
Tilt: 230°

Control and Programming
Control options: DMX, 4 stand-alone shows, master/slave
DMX channels: 10
Stand-alone trigger: Auto, music
DMX compliance: USITT DMX512/1990
Interface: Control panel with backlit LCD display

Optics
Light source: 18 W OSRAM LE UW Q8WP LED
Minimum LED lifetime: 50 000 hours (to >70% luminous output)*
Beam angle: 14°
Focus: Manual
**Figure obtained under manufacturer's test conditions*

Construction
Color: Black
Housing: High-impact flame-retardant thermoplastic
IP rating: IP 20

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Installation
Mounting points: Bracket for rigging clamp
Location: Dry location only, must be fastened to surface or structure
Orientation: Vertical (head down if suspended)
Minimum distance to illuminated surfaces: 200 mm (8 in.)
Minimum distance to combustible materials: 100 mm (4 in.)
Minimum clearance around fans and vents: 100 mm (4 in.)

Connections
AC power input: IEC
DMX data in/out: 3-pin and 5-pin locking XLR

Electrical
AC power: 100-240 V nominal, 50/60 Hz
Power supply unit: Auto-ranging electronic switch mode
Fuse: T 2.0 A

Typical Power and Current
120 V, 60 Hz: 52 W, 0.8 A
230 V, 50 Hz: 50 W, 0.5 A
Typical half-cycle RMS inrush current: 6.4 A
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): 180 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 61000-4-2, EN 61547
US safety: UL 1573
US EMC: CFR Title 47 Part 15 Class A
Canadian safety: CSA C22.2 No. 166
Canadian EMC: ICES-003 Class A
Australia/NZ (pending): RCM

Included Items
Power cable, 1.9 m (6.3 ft.) without mains plug
Power cable, 1.9 m (6.3 ft.) with US plug
Bracket for rigging clamp attachment

Accessories

Installation hardware:
G-clamp: P/N 91602003
Half-coupler clamp: P/N 91602005
Quick-trigger clamp: P/N 91602007
Safety cable, safe working load, 50 kg (110 lbs.): P/N 91604003

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

Ordering Information
RUSH MH 8 Mini Profile™ in cardboard box: P/N 90280110

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