

RUSH™

by Martin®

RUSH MH 1 Profile™



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This super-bright LED profile moving head with efficient optics punches out a variety of effects and colors from two gobo wheels and two color wheels. For added versatility and effect, it also houses an electronic dimmer and strobe, focus, iris and 3-facet prism.



Specifications

Physical

Length: 418 mm (16.5 in.)
Width: 328 mm (12.9 in.)
Height: 588 mm (23.1 in.)
Weight: 18 kg (39.7 lbs.)

Dynamic Effects

Color wheel 1: 7 colors plus open, rotation with variable direction and speed
Color wheel 2: 7 colors (incl. 1 x UV, 2 x CTC) plus open, rotation with variable direction and speed
Rotating gobo wheel: 7 gobos plus open, wheel rotation, gobo indexing, rotation and shake
Static gobo wheel: 8 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
Iris: Motorized
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: 17
Stand-alone trigger options: Music trig, auto trig
Stand-alone memory: 20 scenes
Setting and addressing: Control panel with LCD display
Protocol: USITT DMX512/1990

Optics

Light source: 180 W LED engine
Minimum LED lifetime: 50 000 hours (to >70% luminous output)*
**Manufacturer's figure obtained under manufacturer's test conditions*

Construction

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

Installation

Mounting points: Two quarter-turn brackets for rigging clamps
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: 350 W

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)

Included Items

Power cable 1.5 m (4.9 ft.)

Ordering Information

RUSH MH 1 Profile™ in cardboard box: P/N 90280000

*Specifications subject to change without notice

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About Martin by Harman

As a world leader in the creation of dynamic lighting solutions for the entertainment, architectural, and commercial sectors, Martin lighting and video systems are renowned the world over. Martin also offers a range of advanced lighting controllers and media servers, as well as a complete line of smoke machines as a complement to intelligent lighting. Martin operates the industry's most complete and capable distributor network with local partners in nearly 100 countries. Founded in 1987 and based in Aarhus, Denmark, Martin is the lighting division of global infotainment and audio company HARMAN International Industries.

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