The RUSH MH 3 Beam is a powerful beam moving head that blasts an intense and narrow long-throw beam for spectacular mid-air looks and effects. It houses a fixed gobo wheel and color wheel with a multitude of effects possible from a dimmer, strobe effect, 8-facet prism and focus.

**Features**

- Powerful beam moving head
- Sharp, narrow long-throw beam
- Mid-air effects
- Fixed gobo wheel
- Color wheel
- Mechanical dimming and strobe
- Frost effect
- 8-facet prism
- Motorized focus
- 3 & 5 pin XLR

**Technical Specifications**

**Physical**
- Length: 418 mm (16.5 in.)
- Width: 321 mm (12.7 in.)
- Height: 489 mm (19.3 in.)
- Weight: 20.5 kg (45.2 lbs.)

**Dynamic Effects**
- Color wheel: 14 colors plus open, rotation with variable direction and speed
- Static gobo wheel: 17 gobos plus open, wheel rotation and shake
- Pre-programmed effects: 31 pan and tilt macros, adjustable speed
- Shutter: Strobe effect, pulse effects, instant open and blackout
- Prism: 8-facet, indexing and rotation with variable direction and speed
- Frost: Fade in/out
- Zoom: Motorized
- Focus: Motorized
- Dimmer: 0 - 100%, four dimming curve options
- Pan: 540°
- Tilt: 220°
- Pan and tilt speed: Adjustable via onboard control panel and DMX

**Control and Programming**
- Control: DMX
- DMX channels: 19
- Setting and addressing: Control panel with LCD display
- DMX compliance: USITT DMX512/1990

**Lamp**
- Approved lamp: Philips MSD Platinum 5R
- Color temperature: 8000 K
- CRI (Color rendering index): 75
- Average lifetime: 2000 hours

**Optics**
- Zoom range: 1° - 3.8°

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

**Installation**
- Minimum distance to illuminated surfaces: 12 m (39 ft. 5 in.)
- 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 input: 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

Power consumption figures are typical, not maximum. Allow for +/-10% variation:

Typical Power and Current
110 V, 60 Hz: 3.1 A, 348 W, PF 0.990
230 V, 50 Hz: 1.6 A, 330 W, PF 0.917
Measurements made at nominal voltage. 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%): 1200 BTU/hr.

Approvals
EU safety: EN 60598-2-17 (EN 60598-1), EN 62471, EN 62493
EU EMC: EN 55015, EN 55103-1, EN 55103-2, EN 61000-3-2, EN 61000-3-3, EN 61547
US safety: UL 1573
US EMC: FCC Part 15 Class A
Canadian safety (pending): 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
Mounting brackets

Related Items
RUSH™ Software Uploader 1: P/N 916111399
RUSH MH 3 Beam™ in cardboard box: P/N 90280010

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