RUSH Wizard

The RUSH Wizard is the iconic Martin Wizard Extreme re-energized: lighter, brighter, more compact and even more energy-efficient. This music triggered and DMX-Controllable "full-house" effect light, features extraordinary bright and magical effects. It features a color wheel with seven colors and a gobo wheel with 15 unique designs, as well as a shutter for strobe and pulse effects. The Wizard delivers more than 80 agile light beams, each beam chasing the other while continuously changing color and gobo patterns.

More than 80 magical beams

15 gobos and 7 colors for a large variety of dance floor looks

Unique twinkle animation effect

FEATURES

130 W short-arc discharge lamp with reflector
15 gobos plus open
More than 80 magical light beams
7 colors + 2 open
Shutter: Strobe effect, pulse effects, instant open and blackout
Adjustable focus
DMX or stand-alone mode
Flexible mounting bracket for floor stand, wall or overhead mounting

TECHNICAL SPECIFICATIONS

Physical
Length: 447 mm (17.6 in.)
Width: 500 mm (19.7 in.)
Height: 195 mm (7.7 in.)
Weight: 9.3 kg (20.5 lbs.) including bracket

Dynamic Effects
Motorized rotating parabolic mirror dish
Motorized mirror drum: 180° pan (swivel) and 360° tilt (continuous rotation)
Color / animation wheel: 7 colors plus 2 x open, twinkle animation effect
Gobo wheel: 13 gobos + open, wheel scrolling and continuous rotation, shake effect
Shutter: 0 - 100% continuous dimming, variable & random strobe & pulse effects, instant open & blackout
Pre-programmed effects: Full range of macro effects

Control and Programming
Control options: DMX, stand-alone, master/slave
DMX channels: 10
Stand-alone trigger options: Music trig, auto trig
Music trig also settable via DMX
Setting and addressing: Control panel with backlit LCD display
Protocol: USITT DMX512/1990
Firmware update: Serial upload via DMX link

Lamp
Type: 130 W short-arc discharge with reflector
Color temperature: 8800 K
Average lifetime: 6000 hours*
Manufacturer's figure:

Optics
Manual focus: 2 m - 20 m (6 ft. 7 in. - 65 ft. 8 in.)

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

Installation

GALLERY

Mounting points: Adjustable bracket
Orientation: Any
Location: Indoor use only, must be fastened to surface or structure
Minimum distance to illuminated surfaces: 0.5 m (19.7 in.)
Minimum distance to combustible materials: 0.3 m (11.9 in.)
Minimum clearance around fan and air vents: 0.3 m (11.9 in.)

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

Electrical
AC power: 100-240 V nominal, 50/60 Hz
Typical total power consumption: 200 W
Power consumption figures are typical, not maximum. Allow for +/-10% variation.:

Typical Power and Current
110 V, 60 Hz: 1.9 A, 200 W, PF 0.99
230 V, 50 Hz: 0.9 A, 196 W, PF 0.95
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: 0° C (32° F)
Total heat dissipation (calculated, +/- 10%): 685 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: 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
Lamp (installed)
Mounting bracket
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 (9.9 ft.): P/N 11541508
Power relay cable, 14 AWG, UL, SJT, 1.5 mm2, H05VV-F, with PowerCon input connector, 1.4 m (4.6 ft.): P/N 11541509
Power relay cable, 14 AWG, UL, SJT, 1.5 mm2, H05VV-F, with PowerCon input connector, 2.25 m (7.4 ft.): P/N 11541510
Power relay cable, 14 AWG, UL, SJT, 1.5 mm2, H05VV-F, with PowerCon input connector, 3.25 m (10.7 ft.): P/N 11541511

Power 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 Wizard™ in cardboard box: P/N 90480070