

# Maverick MK3 Spot

## FEATURES

- Fully featured 820W LED yoke spot fixture including CMY+CTO Color Mixing, a color wheel, a CRI filter, animation wheel, a 9:1 zoom, two independently layerable prisms, two frosts, a static and 2 rotating gobo wheels
- 16-bit dimming of master dimmer for smooth control of fades
- Variable CMY + CTO color mixing system to create a wide palette of colors
- Independently layerable 5 facet linear and 5 facet round prisms for increased prism options
- Two rotating and one static gobo wheel for maximum dynamic texture possibilities
- Independent light and medium frosts for beam control
- Animation wheel for enhanced visual effects
- Iris for total beam control
- RDM control over DMX for fixture reporting
- 6.1° to 62° zoom range for variable beam sizes
- 3 menu presets and preset cross load for decreased shop setup time
- True 1 compatible power input
- Battery backup display with auto-rotate depending on fixture orientation



## SPECIFICATIONS

### OPTICAL

- Light Source: 1 LEDs (CW) 820 W, (24 A), 7,472 K, 50,000 hours life expectancy
- Color Temperature (at full): 7,207 K
- Front lens diameter: 147 mm
- CRI: 73.8
- CRI W / Filter: 93.2
- Beam Angle: 6.1° to 52.1°
- Field Angle: 7.6° to 60.5°
- Zoom Range: 6.1° to 62°
- Cutoff Angle: 8.1° to 62°
- Lumens – Source: 51,000
- Lumens – Output: 22,000
- Illuminance (7.6°): 56,945 lux @ 5 m
- Illuminance (60.5°): 1,920 lux @ 5 m
- Illuminance w / CRI filter (7.6°): 39,011 lux @ 5 m
- Illuminance w / CRI filter (60.5°): 1242 lux @ 5 m
- Selectable PWM: 600 Hz, 1200 Hz, 4000 Hz, 6000 Hz, 15000 Hz

### DYNAMIC EFFECTS

- Pan and Tilt: 540°/270°
- Pan and Tilt Ranges: 540°, 360°, 180° pan/270°, 180°, 90° tilt
- Colors: 6 + white, split colors, continuous scroll at variable speeds
- Colors: CMY flags, CTO flag, CRI filter, color correction
- Gobos (1): 7 + open (7 glass), rotating, interchangeable, indexing, slot-n-lock, continuous scroll at variable speeds

- Gobos (2): 7 + open (7 glass), rotating, interchangeable, indexing, slot-n-lock, continuous scroll at variable speeds
- Gobos (3): 8 + open (8 metal), 2 rotating, 1 static gobo wheel.
- Gobo Size: Gobo Wheel 1 (rotating): 30 mm (outside), 23 mm (image), 1.1 mm (max. thickness)
- Gobo Size: Gobo Wheel 2 (rotating): 30 mm (outside), 21 mm (image), 1.1 mm (max. thickness)
- Gobo Size: Gobo Wheel 3 (static): 160 mm (outside), 22 mm (image), 0.8 mm (max. thickness)
- Effect Wheel: 1 effects
- Dimmer: Electronic
- Shutter/Strobe: Electronic
- Zoom: Motorized
- Focus: Motorized
- Frost 1: Light Frost - Motorized
- Frost 2: Medium Frost - Motorized
- Iris: Motorized
- Prism: 5 Linear facets, motorized, rotating
- Prism: 5 Circular facets, motorized, rotating
- Strobe Rate: 0 to 25 Hz
- Move-in-Black: Yes
- Dim Modes: 5

## CONSTRUCTION / PHYSICAL

- Dimensions: 16.10 x 11.92 x 29.76 in (409 x 303 x 756 mm)
- Weight: 72.9 lb (33 kg)
- Exterior Color: Black
- Housing Material: High-impact flame-retardant polymer, Steel

## CONNECTIONS

- Power Connection: Edison plug to Seetronic Powerkon IP65
- Power Input: Seetronic Powerkon IP65
- Data Connectors: 3- and 5-pin XLR, Amphenol XLR Net RJ45 connectors in/out
- Cable Length (power): 5 ft (1.5 m)

## CONTROL

- Control Protocol: Art-Net, DMX, W-DMX, RDM, sACN
- DMX Channels: 31 or 39
- Art-Net Channels: 31 or 39
- Modes/Personalities: 2 personalities (31, 39)

## ELECTRICAL

- Input Voltage: 100 to 240 VAC, 50/60 Hz (auto-ranging)
- Power and Current: 1180 W, 9.90 A @ 120 V, 60 Hz
- Power and Current: 1160 W, 5.60 A @ 208 V, 60 Hz
- Power and Current: 1150 W, 5.04 A @ 230 V, 50 Hz

## CERTIFICATIONS / QUALIFICATIONS

- CE, MET, FCC
- IP Rating: IP20, dry location
- Temperature (Ambient): -4 °F to 113 °F (-20 °C to 45 °C)

## WHAT'S INCLUDED

- Maverick MK3 Spot
- Seetronic Powerkon IP65 power cord
- 2 Omega brackets with mounting hardware

## OPTIONAL ACCESSORIES

- Professional Clamps: CTC-50HC, CTC-50HCN
- Safety Cable: SC-07
- IP Rated Seetronic® Powerkon Extensions
- DMX cables

- Ethercon extension cables
- Flight Case: CP2CASEMK
- UPLOAD 08 software uploader