



## Maverick Force X Profile

A compact and lightweight LED moving profile delivering a powerful 18,963 lumens of output, featuring an expansive 18:1 zoom, a four-blade framing system, CMY color mixing, and a complete effects package.

Perfect for a wide range of short and long-throw applications in touring, theatre, and broadcast where a versatile, feature-rich fixture is essential.

- Features a powerful 520W cool white LED engine for intense, crisp projections.
- Delivers a versatile 3.5° to 57.3° zoom range with a flat field of focus.
- Offers a variable CMY system and color wheel with CRI and CTB filters.
- Includes dual gobo wheels, a 5-facet prism, iris, and frost for dynamic effects.
- Ensures flicker-free operation on camera with high-speed PWM and 16-bit dimming.
- Supports DMX, Art-Net, sACN, and CRMX protocols for comprehensive control integration.

### SPECIFICATIONS

#### Optical

**Light Source:** 1 LEDs (CW) 520 W, (4.2A), 6966 K, 50,000 hours life expectancy.

**Color Temperature (at full):** 6966 K

**Front lens diameters:** 145 mm

**CRI:** 72.2

**CRI with CRI filter:** 90

**Beam Angle:** 3.4° to 52.2°

**Field Angle:** 3.7° to 55.3°

**Cutoff Angle:** 3.8° to 57.3°

**Zoom Range:** 3.5° to 57.3°

**Lumens - Output:** 18,963

**Illuminance (3.4°):** 104,429 lux @ 5 m

**Illuminance (57.3°):** 1,219 lux @ 5 m

**Selectable PWM:** 600Hz, 1500Hz, 2000Hz 65000Hz

#### Dynamic Effects

**Pan and Tilt:** 540°/270°

**Pan and Tilt Ranges:** 540°, 360°, 180° pan/270°, 180°, 90° tilt

**Colors:** 7 (including CRI and CTB filters) + white, split colors, continuous scroll at variable speeds

**Colors:** CMY wheels

**Color Macros:** CMY macros

**Gobos (1):** 7 + open (1 metal + 6 glass), rotating, interchangeable, indexing, slot-n-lock, continuous scroll at variable speeds

**Gobos (2):** 9 + open (9 metal), continuous scroll at variable speeds

**Gobo Size:** Gobo Wheel 1 (rotating): 23.9 mm (outside), 14 mm (image), 1.1 mm (max. thickness)

**Framing Shutters:** Yes

**Dimmer:** Electronic

**Shutter/Strobe:** Electronic

**Zoom:** Motorized

**Focus:** Motorized

**Frost:** Motorized

**Iris:** Motorized

**Prism:** 5 Facets, motorized, rotating

**Strobe Rate:** 0 to 25 Hz

**Move-in-Black:** Yes

**Dim Curves:** 5

#### Construction / Physical

**Dimensions:** 14.21 x 9.40 x 25.43 in (361 x 239 x 646 mm)

**Weight:** 50 lbs (23.1 kg)

**Exterior Color:** Black

**Housing Material:** Aluminum alloy, Aluminum die-cast, High-impact flame-retardant polymer, Steel

## Connections

**Power Connection:** Edison plug to Seetronic Powerkon IP65

**Power Input:** Seetronic Powerkon IP65

**Power Output:** Seetronic Powerkon IP65

**Data Connectors:** 3- and 5-pin IP65 XLR, Seetronic etherCON

**Cable Length (power):** 5 ft (1.5 m)

## Control

**Control Protocol:** DMX, Art-Net, sACN, CRMX, NFC

**DMX Channels:** 31 or 47

**Art-Net Channels:** 31 or 47

**Modes/Personalities:** 2 personalities (31, 47)

## Electrical

**Input Voltage:** 100 to 240 VAC, 50/60 Hz (auto-ranging)

**Power Linking:** 2 units @ 120 V; 4 units @ 208 V; 4 units @ 230 V

**Power and Current:** 595 W, 5.98 A @ 120 V, 60 Hz

**Power and Current:** 576 W, 2.82 A @ 208 V, 60 Hz

**Power and Current:** 580 W, 2.58 A @ 230 V, 50 Hz

## Battery

**Battery type:** Lithium Ion (display screen backup)

**Rechargeable:** Yes

**Battery Charge Time:** 5 hours

**Battery Life:** 1 hours

**Battery Power:** 3.7V, 500 mAh

## Certifications / Qualifications

**Certifications:** CE, MET, FCC, FCC, UKCA

**IP Rating:** IP20, dry location

### Noise Levels:

**Noise Level (Idle):** 34.4 dB(A) @ 1 m

**Noise Level (Auto):** 36.6 dB(A) @ 1 m

**Noise Level (Full):** 39.1 dB(A) @ 1 m

**Noise Level (Eco):** 35.0 dB(A) @ 1 m

**Noise Level (TV25):** 35.0 dB(A) @ 1 m

**Noise Level (TV35):** 35.0 dB(A) @ 1 m

**Noise Level (max):** 38.8 dB(A) @ 1 m

**Temperature (Ambient):** -4 °F to 113 °F (-20 °C to 45 °C)

## Optional Accessories

Clamps: CTC-50HC, CTC-50G, CTC-50CBLK, CTC 50HCN, CTC-50HCNBLK

RIGLINK POWERKON CABLES

RIGLINK TR1 CABLES

DMX Cables

Flight Cases

CP Rack

PowerStream 4 IP

## What's Included

Maverick Force X Profile

Seetronic Powerkon power cord

Omega brackets with mounting hardware