

SKYWRITER HPX M-10

INFO & SPECIFICATIONS



Top Features

- 10W of balanced, direct-diode RGB power
- Full RGB 1,000+ colors to match and blend perfectly with traditional moving head fixtures
- X-Laser's Mercury control firmware integrated for direct lighting console control using common protocols such as sACN, RDM, Art-Net, etc.
- Instant "gobo"/digital pattern changes and rapid 30K scanners for smooth pattern motion
- 0.1° to 45° zoom range
- Active diagnostic readouts via LCD panel
- X-Laser's no-hassle 2-year warranty

Designed to bring professional-grade laser effects to venues of various sizes, the **X-Laser Skywriter HPX M-10** packs 10 watts of balanced RGB power into a robust fixture built for demanding production environments and multi-leg tours.

It's fully integrated with X-Laser's **Mercury Laser Control System**, enabling seamless use with lighting consoles via 5-pin DMX, Art-Net, or sACN. Whether creating elaborate beam effects or liquid-skies, the internal effect engine provides access to over 450 gobos, 11 digital prisms, 50 color macros, and 60 motion macros — all tunable for speed and amplitude for maximum creative flexibility.

A rugged, sealed optical deck protects against dust, wind, and moisture, while several external fans and extensive heat sinking keep the diodes operating efficiently. The M-10 easily produces more than 1,000 analog colors, giving designers expressive control over their visuals.

Every unit undergoes a 26-point quality inspection, and it's backed by X-Laser's no-hassle 2-year warranty. Perfect for touring companies, rental houses, and high-production events, the **Skywriter HPX M-10** delivers premium laser effects in an accessible, road-ready package—all at a strong value.

SKYWRITER HPX M-10**INFO & SPECIFICATIONS****SOURCE**

10W Balanced RGB Laser Engine
Direct-Injection Diode Modules

Red: 638 nm
Green: 520 nm
Blue: 450 nm

3.2W red, 3.2W green, 4.0W blue

PHOTOMETRICS / OPTICS

High-Speed Closed-Loop Galvanometers,
Max Scan Angle 45°
30,000 PPS Scanner Speed at 8° Scan Angle

Beam Divergence: <1.2 mRad

Fully Sealed Optical Deck

ELECTRICAL / THERMAL

90-246V AC Auto-Switching
Power draw: 300W peak
Neutrik PowerCON TRUE1

30° F to 105° F (-1° C to 41° C)

OTHER

FDA / IEC Hazard Class IV
U.S. FDA Variance Required

CONTROL AND INTERFACE

X-Laser Mercury Integrated, 2.25" LCD panel
Fixture profiles for all major console brands

EtherStop Combined Remote Stop
and Control Data in / thru

ILDA in / thru
5-pin DMX in / thru
PowerCON TRUE1 in / thru

COLOR AND EFFECTS

Additive RGB Analog Color Mixing
1,000+ Colors
50 Color Macros
11 Digital Prisms
450+ "Gobos" / Digital Patterns Built-In
60 Motion Macros with variable speed and
amplitude

DIMENSIONS / PHYSICAL / MATERIALS

14" L x 13.4" W x 7.7" H (12.4" H w/ yoke up)
(355 mm x 340 mm x 195 mm; 314mm yoke up)

Weight: 21 lbs (9.5 kg)

Rugged 6061 Aluminum Enclosure

IP Rating: IP53

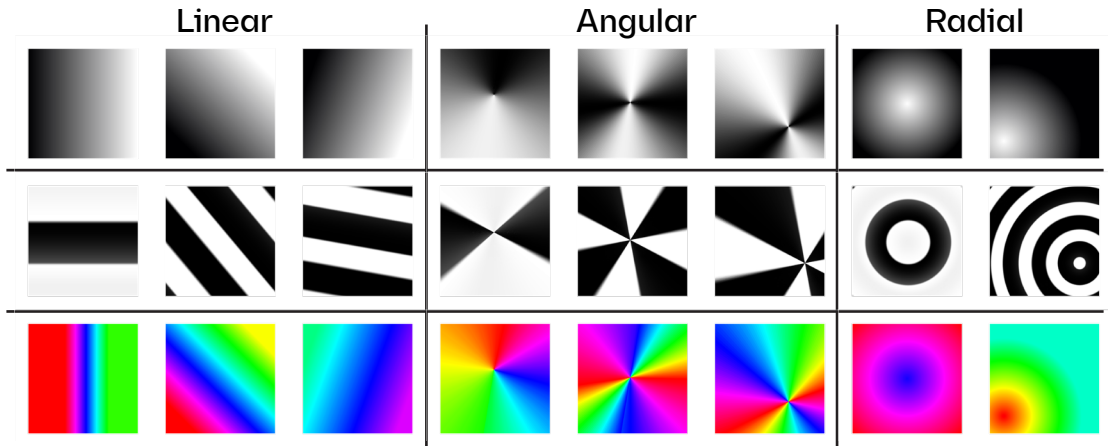
SKYWRITER HPX M-10

MERCURY FEATURES

COLOR CONTROL USING MERCURY

Gradients

Fade from one RGB color to another, fade distance and offset are controllable



Bands

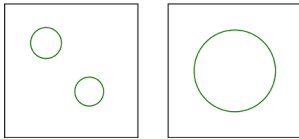
Alternate between 2 RGB colors, band sizes and transitions are controllable

Rainbows

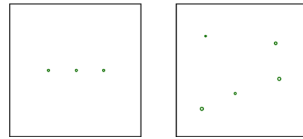
Transition between 2 HSL colors through color wheel; transition offset, size and direction are controllable

BUILT-IN MERCURY PATTERNS (“GOBOS”)

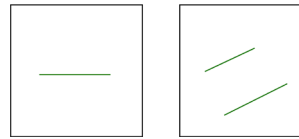
Circles



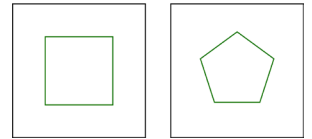
Beams



Fans



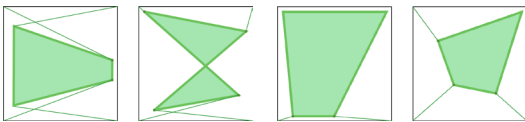
Polygons



...and dozens more

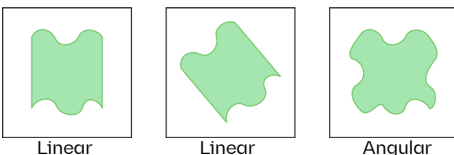
ZONING AND ZONE CORRECTION USING MERCURY

Facilities keystone, skew, offset, inversion and much more using 4 intuitive control points

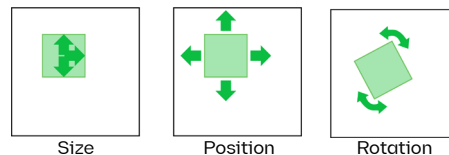


“GOBO” TRANSFORMATIONS AND EFFECTS USING MERCURY

Wave Modulation



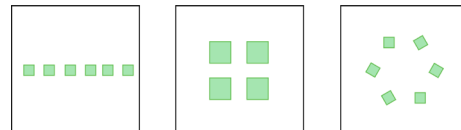
Geometric



Motion

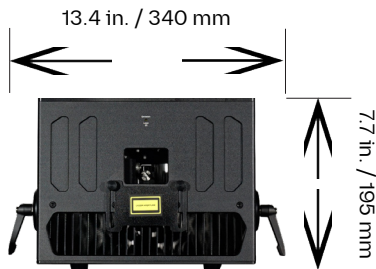


Prism



SKYWRITER HPX M-10

UNIT DIMENSIONS



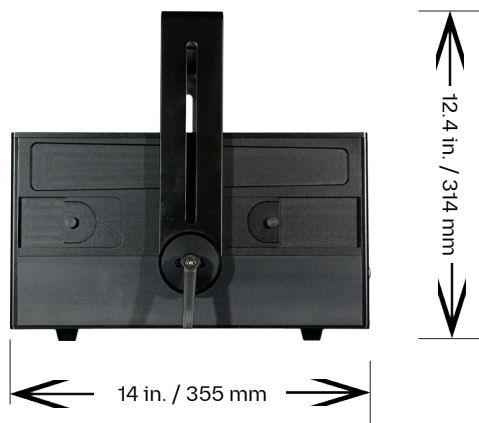
Front, Yoke Back



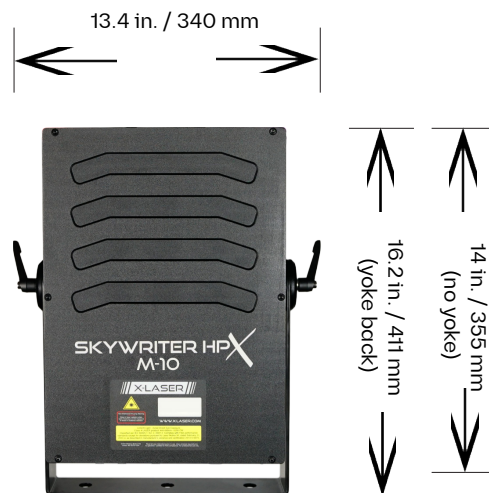
Front, Yoke Up



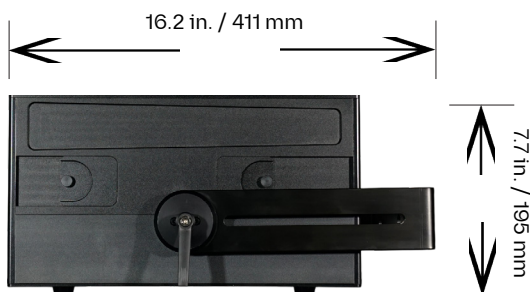
Rear, Yoke Up



Side, Yoke Up



Top/Overhead



Side, Yoke Back