

SPECIFICATIONS - MX-10 EXTREME

PHYSICAL

Length	735 mm (29.0 in)
Width	340 mm (13.4 in)
Height	315 mm (12.4 in)
Weight	22 kg (48.4 lbs)

AC POWER

Operating range	100 - 250 V, 50/60 Hz
AC input	3-prong IEC male socket

MAXIMUM POWER AND CURRENT

100 V, 50 Hz	350 W, 4.2 A
120 V, 50 Hz	340 W, 3.2 A
208 V, 50 Hz	350 W, 2.1 A
230 V, 50 Hz	360 W, 1.8 A
250 V, 50 Hz	350 W, 1.6 A
100 V, 60 Hz	340 W, 4.1 A
120 V, 60 Hz	340 W, 2.9 A
208 V, 60 Hz	340 W, 1.8 A
230 V, 60 Hz	350 W, 1.6 A
250 V, 60 Hz	350 W, 1.5 A

THERMAL

Maximum ambient temperature (T _a)	40° C (104° F)
Maximum surface temperature	50° C (122° F)

INSTALLATION

Orientation	any
Minimum distance to flammable materials	0.1 m (4 in)
Minimum distance to illuminated surfaces	0.3 m (12 in)

FUSES

Main fuse	6.3 A / 250 V, time-delay
Fuse F1	6.3 A / 250 V, time-delay
Fuse F2	2.0 A / 250 V, time-delay

LAMPS

Osram HSD 250	2000 hr, 6000K, 250 W, 68 lm/W
Philips MSD 250/2	2000 hr, 6500K, 250 W, 72 lm/W
Philips MSD 200	2000 hr, 5600K, 200 W, 67 lm/W

PHOTOMETRICS

Beam angle	18°
Pan/tilt range	230° / 75°
Focus range	2 m (6.5 ft.) - 20 m (65 ft.)
Light output (w/ Philips MSD250/2)	3,757 lumens
Maximum illuminance	120,000 Cd

GOBOS

Outside diameter	22.5 mm + 0/- 0.3 mm (0.886 in. +0/- 0.012 in)
Maximum image diameter	17 mm (0.669 in)
Maximum thickness	1.8 mm (0.071 in)
Glass type	high temperature Borofloat or better
Glass coating	dichroic or enhanced aluminum
Metal	aluminum (steel okay for short use)

CONTROL AND PROGRAMMING

Data input	locking 3-pin XLR male socket
Data output	locking 3-pin XLR female socket
Data pinout	pin 1 shield, pin 2 cold (-), pin 3 hot (+)
Receiver	Opto-isolated RS-485
Protocols	USITT DMX-512 (1990)
DMX Channels	13

DESIGN STANDARDS

Canadian safety	CSA C22.2 NO 166
EU EMC	EN 50 081-1, EN 50 082-1
EU safety	EN 60598-1, EN 60598-2-17
US safety	ANSI/UL 1573

ORDERING INFORMATION

MX-10 Extreme	P/N 90145400
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ACCESSORIES

5-facet prism in holder	P/N 91611062
9-facet prism in holder	P/N 91611063
Replacement mirror assembly	P/N 62333029
G-clamp	P/N 91602003
Half-coupler clamp	P/N 91602005