

SPECIFICATIONS

Physical

Size (L x W x H)	550 x 240 x 203 mm (21.7 x 9.4 x 8.0 in.)
Height (including bracket)	432 mm (17.0 in.)
Weight (EU model, including bracket)	13.5 kg (29.8 lbs.)
Weight (US model, including bracket)	14.7 kg (32.4 lbs.)

Lamp

Type	150 W discharge
Approved lamps	Philips MasterColor CDM-SA/T 150, Osram HSD 150/70
Socket	G12

Dynamic effects

Rotating gobo wheel	8 interchangeable gobos with gobo indexing, rotation, shake, music trig.
Mechanical dimmer/shutter	0 - 100% continuous dimming, instant open & blackout, strobe effects, music triggered shutter
Motorized mirror drum	172° pan (swivel) and 360° tilt (continuous rotation)

Control and programming

Control options	DMX, stand-alone, synchronized (master/slave)
DMX channels	5 (mode 1) or 9 (mode 2)
DMX address setting	Onboard control panel with 4-digit display
Stand-alone options	Music trig (selectable via control panel or via DMX), auto trig
Protocol	USITT DMX512/1990
Receiver	RS-485
Firmware update	Serial upload via DMX link

Optics

Manual focus	2m (6.6 ft.) - 20m (65.6 ft.)
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Construction

Housing	Steel and aluminum
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Gobos

Outside diameter	22.5 mm + 0/- 0.3 mm
Maximum image diameter	17 mm

Installation

Orientation	Any
Mounting points	Adjustable bracket
Minimum distance to illuminated surfaces	1 m (3.3 ft.)
Minimum clearance around fan and air vents	0.1 m (4 in.)

Connections

AC power input	3-pin IEC male socket
DMX data in/out	3-pin locking XLR

Electrical

EU model

Input	3-prong IEC male socket
AC power	switch-selectable, 230 V / 240 V, 50 Hz
Main fuse	2 AT
Typical power and current*	
@ 220 V, 50 Hz	199 W, 1.0 A, PF 0.975
@ 230 V, 50 Hz	215 W, 1.0 A, PF 0.968
@ 240 V, 50 Hz	231 W, 1.0 A, PF 0.968

US model

Input	3-prong IEC male socket
AC power	115-120 V, 60 Hz
Main fuse	3.15 AT
Typical power and current*	
@ 110 V, 60 Hz	192 W, 1.8 A, PF 0.980
@ 120 V, 60 Hz	225 W, 2.0 A, PF 0.970

* V = volts, Hz = hertz, W = watts, A = amps, PF = power factor

Measurements made at nominal voltage. Allow for a deviation of +/-10%.

Thermal

Cooling	Forced air
Maximum ambient temperature (T_a)	40° C (104° F)
Maximum surface temperature	80° C (176° F)
Total heat dissipation (calculated, 110 V +/- 10%, 60 Hz)	670 BTU/hr.
Total heat dissipation (calculated, 230 V +/- 10%, 50 Hz)	710 BTU/hr.

Approvals



EU safety	EN 60598-1, EN 60598-2-17
EU EMC	EN 55015, EN 55022, EN 55024, EN 61000-3-3, EN 61000-3-2, EN 61547
US safety	UL 1573
Canadian safety	CSA C22.2 NO 166

Included items – EU models

Long-life 150 W discharge lamp	
3 meter (9.8 ft) EU power cable, 3 x 1.0 mm ² , Schuko male connector	P/N 11501017
3 meter (9.8 ft) EU power cable, 3 x 1.0 mm ² , no male connector	P/N 11501013
5 meter (16.4 ft.) RS-485 XLR cable for data link	P/N 11820008
L type 5mm Allen key	P/N 50520615
User manual	P/N 35000213
Adjustable U-bracket	
2 AT 5x20 mm main fuse (installed)	P/N 05020009

Included items – US models

Long-life 150 W discharge lamp	
2 meter (6.5 ft.) US AC power cable, 18AWG with US male connector (UL approved)	P/N 11501501
5 meter (16.4 ft.) RS-485 XLR cable for data link	P/N 11820008
L type 5mm Allen key	P/N 50520615
User manual	P/N 35000213
Adjustable U-bracket	
3.15 AT 5x20 mm main fuse (installed)	P/N 05020043

Accessories

Philips MasterColor CDM-SA/T 150 W discharge lamp	P/N 97010111
Osram HSD 150/70 150 W discharge lamp	P/N 97010117
DMX termination plug (end of link), XLR male	P/N 91613017
DMX termination plug, (start of link, master/slave), XLR female	P/N 91613018
G-clamp	P/N 91602003
Half-coupler clamp	P/N 91602005
5-pin male to 3-pin female XLR adaptor cable	P/N 11820005
5 meter (16.4 ft.) RS-485 XLR cable for data link	P/N 11820008
Mania SCX800 (EU models) main fuse, 2 AT	P/N 05020009
Mania SCX800 (US models) main fuse, 3.15 AT	P/N 05020043

Ordering information

Mania SCX800 EU model, 220-240 V, 50 Hz	P/N 90430088
Mania SCX800 US model, 110-120 V, 60 Hz	P/N 90430089



Disposing of this product

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