

# MANIA SCX 500 SPECIFICATIONS

## Physical

Size (L x W x H) . . . . .	445 x 204 x 178 mm (17.5 x 8.0 x 7.0 in.)
Height with bracket attached . . . . .	375 mm (14.8 in.)
Weight (including bracket) . . . . .	6.7 kg (14.8 lbs)

## Construction

Housing . . . . .	Steel and aluminum
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## Lamp

Type . . . . .	15 V, 150 W, H5 MR16 halogen
Approved models . . . . .	Philips JCR 15 V, 150 W H5 (EFR/LL)
Lamp base . . . . .	GZ6.35

## Thermal

Maximum ambient temperature ( $T_a$ ) . . . . .	40° C (104° F)
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## Control and programming

Control options . . . . .	DMX, stand-alone, master/slave
DMX channels . . . . .	8- and 6-channel modes
Stand-alone triggering options . . . . .	Music trig, auto trig
Addressing and programming . . . . .	Control panel with LED display
Protocol . . . . .	USITT DMX-512 (1990)
DMX connection . . . . .	3-pin locking XLR, pin 1 shield, pin 2 cold (-), pin 3 hot (+)

## Dynamic effects

Full range continuous dimmer
Color wheel: 15 colors (including white), 5 multi-colors, split color function
Gobo wheel: 16 gobos
Moving mirror: 180° pan and 72° tilt

## Optics

Beam angle . . . . .	15°
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## Maximum power and current – US model

@ 110 V, 60 Hz . . . . .	138 W, 1.27 A
@ 115 V, 60 Hz . . . . .	150 W, 1.30 A
@ 120 V, 60 Hz . . . . .	159 W, 1.35 A

## Maximum power and current – EU model

@ 220 V, 50 Hz . . . . .	144 W, 0.66 A
@ 230 V, 50 Hz . . . . .	154 W, 0.66 A
@ 240 V, 50 Hz . . . . .	164 W, 0.68 A

## Fuse

Main fuse (US model) .....	3.15 AT
Main fuse (EU model) .....	2 AT

## Installation

Minimum distance to combustible materials .....	0.1 m (4 in.)
Minimum distance to illuminated surfaces .....	1 m (3.3 ft.)
Minimum clearance around fan and air vents .....	0.1 m (4 in.)

## Included items – US model

2 meter (6.5 ft.) US power cable 18AWG with US male connector (UL approved)	
5 meter (16.4 ft.) RS-485 XLR cable for data link .....	P/N 11820008
Lamp (installed)	
User manual	
Adjustable U-bracket	
Mounting plate	

## Included items – EU model

3 meter (9.8 ft) EU power cable 3x1.0mm <sup>2</sup> with Schuko male connector	
3 meter (9.8 ft) EU power cable 3x1.0mm <sup>2</sup> with no male connector	
5 meter (16.4 ft.) RS-485 XLR cable for data link .....	P/N 11820008
Lamp (installed)	
User manual	
Adjustable U-bracket	
Mounting plate	

## Accessories

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

## Ordering information

Mania SCX500 US model, 115-120 V, 60Hz .....	P/N 90430081
Mania SCX500 EU model, 220-240 V, 50Hz .....	P/N 90430080
Philips JCR/H5 15 V, 150 W (EFR/LL) lamp .....	P/N 97000110
3.15 AT main fuse (US model, 115-120 V) .....	P/N 05020013
2 AT main fuse (EU model, 220-240 V) .....	P/N 05020009