

# 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)

## Lamp

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

## 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

## 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)

## Electrical

AC power (US model) . . . . .	110-120 VAC nominal, 60 Hz
AC power (EU model) . . . . .	220-240 VAC nominal, 50 Hz

### **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

### **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

\*Figures are typical, not maximum. Allow for +/- 10% variation.

## Fuse

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

## Connections

AC power inlet . . . . .	3-prong IEC male socket
Data in/out . . . . .	3-pin locking XLR, pin 1 shield, pin 2 cold (-), pin 3 hot (+)

## Approvals



US safety (US model) . . . . .	UL 1573
Canadian safety (US model) . . . . .	CSA 22.2 No.166
EU safety (EU model) . . . . .	EN 60598-2-17
EU EMC (EU model) . . . . .	EN 55015, EN 61000, EN 61547

## Optics

Beam angle . . . . .	15°
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## Construction

Housing . . . . .	Steel and aluminum
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## 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.)

## Thermal

Maximum ambient temperature ( $T_a$ ) . . . . .	40° C (104° F)
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## 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
- 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
- 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, 110-120 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, 110-120 V) .....	P/N 05020013
2 AT main fuse (EU model, 220-240 V) .....	P/N 05020009