

## MX-1 SPECIFICATIONS

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### Description

- The MX-1 is an automated profile spotlight that employs a 250 watt halogen lamp. It provides 18 color/gobo effects, continuous electronic dimming, adjustable focus, strobe effects, a moving-mirror with 230° of pan and 76° of tilt, and DMX, stand-alone, and master/slave control options.
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### Physical

- Length: 537 mm (21.1 in)
- Width: 269 mm (10.6 in)
- Height: 263 mm (10.4 in)
- Weight: 6 kg (13 lbs)

### Source

- Lamp: 24 V, 250 W halogen
  - ANSI code: ELC
  - Base: GX 5.3
  - Approved models: Philips 500 h, OSRAM 50 hr
  - Control: reduced voltage mode selectable on DIP-switch 12
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### Photometrics (Standard)

- Field angle: 16°
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### Electromechanical effects

- Color/gobo wheel: 18 gobos (13 color, 5 white), open and closed
  - Electronic dimming: 0 - 100%
  - Variable strobe: 1.5 - 6.4 flashes per second
  - Manual focus: 2 m to infinity
  - Pan: 230°
  - Tilt: 76.5°
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### Control & Programming

- Control options: DMX-512, MC-1, stand-alone, master/slave
  - Stand-alone trigger options: automatic & music
  - Transceiver: RS-485
  - Setting and addressing: DIP-switch
  - Firmware update: AVR Programmer upload
  - Pan/tilt control: tracking and vector
  - DMX channels: 1 / 6 / 7
  - Data I/O: 3-pin XLR; pin 1 shield, pin 2 cold (-), pin 3 hot (+)
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### Installation

- Mounting points: One 13 mm hole and four 6 mm holes in mounting bracket
  - Orientation: any
  - Minimum distance to combustible materials: 0.1 m (4 in)
  - Minimum distance to illuminated surfaces: 0.3 m (12 in)
  - Minimum clearance around fan and air vents: 0.1 m (4 in)
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### Thermal

- Maximum ambient temperature (Ta): 40° C (104° F)
- Maximum surface temperature: 65° C (149° F)
- Total heat dissipation: 900 Btu/hr

### AC Supply

- AC input: 3-pin IEC male socket
  - Wiring options, EU model: 230/245 V, 50-60 Hz
  - Wiring options, US model: 110/120 V, 50-60 Hz
  - Maximum power and current: 265 W, 1.2 A @ 230 V
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### Design standards

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

### Construction

- Housing: UV-resistant fiber-reinforced composite
  - Finish: black, integral color
  - Protection factor: IP 20
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### Ordering information

- MX-1 EU: 90140000
- MX-1 US: 90140100

### Accessories

- MC-1 Controller, EU: 90718000
  - MC-1 Controller, US: 90718100
  - G-clamp: 91602003
  - Half-coupler clamp: 91602005
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### Included items

- Mains cable, EU: 3 m, IEC female; 11501013
  - Philips 500 hr ELC halogen lamp: 97000107
  - Mains cable, US: 2 m, IEC female / 3-pronged male; 11501501
  - User manual: 35000077
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