

PROJECT	FIRM	ORDER #	TYPE	QTY
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The PL-SFX MH400 is a 400 W LED moving head delivering bright, long-lasting illumination with an adjustable beam from a tight spotlight to a wide wash. Smooth pan/tilt movement, vibrant colours and customizable effects – multiple patterns, prisms and strobe – create dynamic visuals.

Control via DMX 512 / RDM, automatic programs or sound activation, with a touch display for settings including fan speed and usage time. Built for tough conditions with a weather-resistant IP66 design, waterproof connectors, automatic cooling and overheat protection. A user-friendly build makes it ideal for concerts, stage productions, outdoor events and architectural lighting.

Features

- 400 W LED moving head — 12,000 lux @ 15 m, 138 mm aperture; ≥ 20,000-hour life.
- Colour system: 8 colours + CMY + CTO (3200–8000 K); static (11) and rotating (8) gobo wheels.
- Dual prism (8-facet + 6-facet), 3°–30° zoom and electronic focus.
- 540° pan / 270° tilt with built-in position and LED calibration; 0–20 Hz strobe.
- DMX 512 / RDM, automatic programs and sound activation; 23 / 26 channels.
- IP66 magnesium-alloy body, waterproof connectors, auto cooling and overheat protection; touch display.

At a glance

<p>⚡ Power 400 W · 500 W</p>	<p>◆ Protection IP66</p>	<p>☀ Beam Zoom 3°–30°</p>	<p>↗ Movement 540° pan · 270° tilt</p>	<p>♦ Control DMX · RDM · sound 23 / 26 channels</p>	<p>★ Source life ≥ 20,000 h</p>
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Variant matrix

DMX channel modes (23 / 26-channel).

PL-SFX MH400	Mode	Channels	Movement	Effects	Control	Source
Standard	23-channel	23	540° / 270°	Colour · gobo · prism	DMX / RDM	400 W LED
Extended	26-channel	26	540° / 270°	+ CMY · zoom · focus	DMX / RDM	400 W LED

Specifications

Series	Projector Series — LED Moving Head
Model	PL-SFX MH400
Light source	400 W LED
Illumination	12,000 lux @ 15 m
Light output aperture	138 mm
Colour temperature	8000 K
Zoom range	3° to 30°
Colour system	8 colours + CMY + CTO (3200–8000 K)
Static gobo wheel	1 — 11 interchangeable gobos
Rotating gobo wheel	1 — 8 interchangeable gobos
Prism	2 — 8-facet + 6-facet
Gobo size	Ø 22.5 mm (overall) · Ø 12 mm (image)
Focus	Electronic
Pan / tilt	540° / 270° (position + LED calibration)
Control mode	DMX 512 / RDM · auto · sound
DMX channels	23 / 26
Protection class	IP66
Input voltage	AC 90–240 V · 50/60 Hz
Power consumption	500 W
Light source life	≥ 20,000 hours
Net weight	23 kg
Dimensions	415 × 240 × 706 mm

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Dimensions

Fixture

Overall 415 × 240 × 706 mm (41.5 × 24 × 70.6 cm); net weight 23 kg. Magnesium-alloy body with a 138 mm output aperture, on a moving-head yoke (540° pan / 270° tilt).

Optics & effects

Colour system (8 colours + CMY + CTO), static (11) and rotating (8) gobo wheels (Ø 22.5 / Ø 12 mm), dual prism (8 + 6 facet), 3°-30° zoom, electronic focus, 0-20 Hz strobe.

Installation

Rigging

- Rig the moving head by its bracket / omega clamps to truss or a stable surface, allowing clearance for 540° pan and 270° tilt. Run the built-in position and LED calibration after installation.
- The touch display shows operating modes, fan speed and source usage time.

Electrical & control

- Power from AC 90-240 V, 50/60 Hz (500 W) via the waterproof power connectors.
- Control over DMX 512 / RDM, automatic programs or sound activation.
- IP66 — weather-resistant with automatic cooling and overheat protection; seal all connectors.

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Configure your product

The PL-SFX MH400 is a single fixture — select the DMX channel mode (23 or 26) to suit your console. Gobos are field-interchangeable on the static and rotating wheels.

#	Setting / options
1	Control: DMX 512 / RDM · automatic programs · sound activation
2	Channel mode: 23-channel · 26-channel (extended)
3	Effects: 8 colours + CMY + CTO · static (11) & rotating (8) gobos · 8+6-facet prisms · zoom · 0-20 Hz strobe

Example product codes

26-channel mode — full colour, CMY, gobo, prism, zoom, focus and strobe

23-channel mode — core colour, gobo, prism and movement control

DMX control

The PL-SFX MH400 is controlled via DMX 512 / RDM in a 23- or 26-channel mode, with automatic programs and sound activation also available. The touch display sets address and modes.

Movement & strobe

Parameter	Range	Notes
Pan	540°	calibrated
Tilt	270°	calibrated
Strobe	0-20 Hz	electronic

Control notes

- DMX 512 / RDM — 23 or 26 channels.
- Automatic programs and sound activation built in.
- Touch display: usage time, fan speed, modes.