

PROJECT	FIRM	ORDER #	TYPE	QTY
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**The PL-SFX MH700 is a 700 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

- 700 W LED moving head — 14,174 lux @ 15 m, 138 mm aperture; ≥ 20,000-hour life.
- Colour system: 7 colours + CMY + CTO (3200–6500 K); static (6) and rotating (7) gobo wheels.
- Dual prism (8-facet + 6-facet), 4-blade graphic cutting system, 4°–36° 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; 38 / 41 channels.
- IP66 magnesium-alloy body, waterproof connectors, auto cooling and overheat protection; touch display.

## At a glance

⚡ <b>Power</b> 700 W · 850 W	◆ <b>Protection</b> IP66	☀ <b>Beam</b> Zoom 4°–36°	↗ <b>Movement</b> 540° pan · 270° tilt	♦ <b>Control</b> DMX · RDM · sound 38 / 41 channels	★ <b>Source life</b> ≥ 20,000 h
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## Variant matrix

DMX channel modes (38 / 41-channel).

PL-SFX MH700	Mode	Channels	Movement	Effects	Control	Source
Standard	38-channel	38	540° / 270°	Colour · gobo · prism · framing	DMX / RDM	700 W LED
Extended	41-channel	41	540° / 270°	+ CMY · zoom · focus	DMX / RDM	700 W LED

## Specifications

<b>Series</b>	Projector Series — LED Moving Head
<b>Model</b>	PL-SFX MH700
<b>Light source</b>	700 W LED
<b>Illumination</b>	14,174 lux @ 15 m
<b>Light output aperture</b>	138 mm
<b>Colour temperature</b>	6500 K
<b>Zoom range</b>	4° to 36°
<b>Colour system</b>	7 colours + CMY + CTO (3200-6500 K)
<b>Static gobo wheel</b>	1 — 6 interchangeable gobos
<b>Rotating gobo wheel</b>	1 — 7 interchangeable gobos
<b>Prism</b>	2 — 8-facet + 6-facet
<b>Framing</b>	4-piece graphic cutting system
<b>Gobo size</b>	Ø 22.5 mm (overall) · Ø 12 mm (image)
<b>Focus</b>	Electronic
<b>Pan / tilt</b>	540° / 270° (position + LED calibration)
<b>Control mode</b>	DMX 512 / RDM · auto · sound
<b>DMX channels</b>	38 / 41
<b>Protection class</b>	IP66
<b>Power consumption</b>	850 W
<b>Light source life</b>	≥ 20,000 hours
<b>Net weight</b>	28 kg
<b>Dimensions</b>	415 × 240 × 766 mm

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## Dimensions

### Fixture

Overall 415 × 240 × 766 mm (41.5 × 24 × 76.6 cm); net weight 28 kg. Magnesium-alloy body with a 138 mm output aperture, on a moving-head yoke (540° pan / 270° tilt). Input AC 90-240 V · 50/60 Hz.

### Optics & effects

Colour system (7 colours + CMY + CTO), static (6) and rotating (7) gobo wheels (Ø 22.5 / Ø 12 mm), dual prism (8 + 6 facet), 4-blade framing, 4°-36° 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 (850 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 MH700 is a single fixture — select the DMX channel mode (38 or 41) 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: 38-channel · 41-channel (extended)
3	Effects: 7 colours + CMY + CTO · static (6) & rotating (7) gobos · 8+6-facet prisms · 4-blade framing · zoom · 0-20 Hz strobe

### Example product codes

**41-channel mode — full colour, CMY, gobo, prism, framing, zoom, focus and strobe**

**38-channel mode — core colour, gobo, prism, framing and movement control**

## DMX control

The PL-SFX MH700 is controlled via DMX 512 / RDM in a 38- or 41-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 — 38 or 41 channels.
- Automatic programs and sound activation built in.
- Touch display: usage time, fan speed, modes.