

YL LIGHT

230W Moving Head Beam Light

Product User Manual



450W

16CH DMX512

16-FACET PRISM

Read this manual completely before installation and operation, and retain it for reference.

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1. Safety

Indoor professional use only. Do not expose the fixture to rain, moisture, heavy dust, flammable materials or explosive atmospheres.

Installation, internal service and electrical repair must be performed by trained personnel. Overhead mounting requires an approved clamp and an independent safety cable.

Verify AC100-220V, 50/60Hz supply and protective earth before connection. Disconnect power and allow the fixture to cool before cleaning, service, moving or storage.

Do not look directly into the high-intensity beam or modify the fixture. Stop operation if unusual odor, heat, noise or damage is detected.

2. Installation and Connection

Connect DMX fixtures in a daisy chain using shielded twisted-pair cable. Fit a 120-ohm terminator between pins 2 and 3 of the final 3-pin XLR when required. In 16CH mode, addresses may be A001, A017, A033 and A049.

The fixture may stand on a stable surface or be mounted overhead. The structure must safely support the fixture and accessories. Keep the area below clear during installation, testing and service, and inspect the clamp, safety cable and fasteners regularly.

The rear panel provides DMX input/output, power connection, switch and fuse holder. Rated current and fuse specification are not verified and must follow the product nameplate and fuse-holder marking.

Front / Control Panel



Rear / Connections



3. Operation and Menu

Use the panel direction and confirm keys to set the DMX address, display orientation, language, operating mode, lamp control, pan/tilt reverse, speed, status, calibration and reset. Channel authority comes from the current fixture library: XML, D4 and R20 all declare and map CH1-CH16. The legacy 20CH menu and CH17-CH20 manual rows are not used.



4. 16CH DMX Channel Overview

CH1	Color wheel	14 colors + white; split colors and bidirectional scroll
CH2	Shutter / strobe	Closed, open, variable and random strobe
CH3	Dimmer	0-100% linear dimming
CH4	Fixed gobo	17 fixed gobos + open; rotation and shake ranges
CH5	Prism	Out / 16-facet prism in
CH6	Prism rotation	Index and bidirectional rotation
CH7	Reserved	No mapped function in the fixture library
CH8	Frost / color effect	Frost insertion and color-effect range
CH9	Focus	Far to near
CH10	Pan	0-540 degrees
CH11	Pan fine	16-bit fine control
CH12	Tilt	0-270 degrees per current product note
CH13	Tilt fine	16-bit fine control
CH14	Reserved	No mapped function in the fixture library
CH15	Reset	Effect, pan/tilt or full motor reset ranges
CH16	Lamp control	Lamp off and lamp on ranges

Use the supplied fixture-library files for complete DMX value ranges. All three fixture formats verify CH1-CH16.

5. Maintenance and Troubleshooting

Clean the lens, air inlets, outlets, fans and housing regularly with a soft lint-free cloth. Do not use aggressive solvents.

Inspect clamps, safety cables, fasteners, power cords, signal cables and connectors regularly. Disconnect power before service.

No power: verify supply, plug, earth, power cord and nameplate requirements. No DMX: verify address, 16CH mode, XLR pinout, termination and console patch. Abnormal movement or output: reset and inspect cooling; refer unresolved faults to qualified service personnel.

6. Technical Specifications

Product	230W Moving Head Beam Light
Input voltage	AC100-220V, 50/60Hz
Rated power	450W
Light source	230W beam lamp system; exact lamp brand/model to be confirmed
Control	16CH DMX512; sound-active, auto and master-slave
Dimming	0-100% linear dimming
Color	14 colors + white
Gobo	17 fixed gobos + open
Prism	Single 16-facet prism
Focus	Motorized focus; product note describes dual-motor HD focusing
Frost	Independent frost; CH8 includes an additional color-effect range
Pan / tilt	540 / 270 degrees
Display	1.8-inch color display, 180-degree reversal, Chinese/English menu
Product size	40 x 34 x 52 cm
Net / gross weight	15.3 / 17.5 kg
Carton size	44 x 41 x 54 cm
Rated current / fuse	TO BE CONFIRMED from the product nameplate and fuse holder

Verified Dimension
Artwork



7. Contact

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