

YL LIGHT

Dust & Smoke-Oil Resistant 380W Beam

Product User Manual



550W

16CH DMX + RDM

DUAL PRISM

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

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1. Safety

Indoor professional use only. Keep the fixture away from rain, moisture, heavy dust, flammable materials and explosive atmospheres. The legacy IP20 statement is not independently verified and is not published as a final specification.

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.

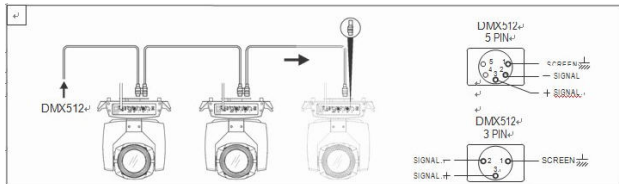
2. Installation and Connection

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

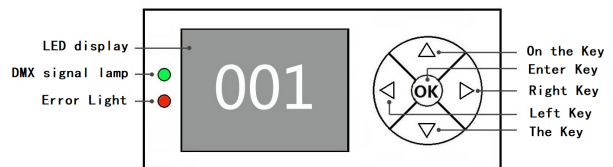
The fixture may stand on a stable surface or be mounted overhead. The structure must safely support the fixture and accessories. Use an independent safety cable and keep the area below clear during installation, testing and service.

Rated current and fuse specification are not verified and must follow the product nameplate and fuse-holder marking.

DMX Signal Connection



Control Panel



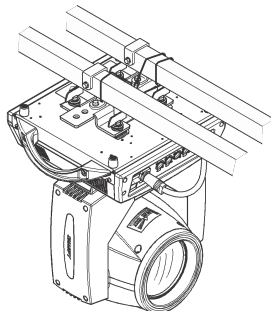
The function of the left and right keys is the same: return to the previous interface

Up, down keys: Select, edit

OK Key: Perform function, start edit, exit edit

3. Operation and Menu

Use the panel keys to set the DMX address, display direction, language, operating mode, lamp control, pan/tilt reverse, speed, status, calibration and reset. Current fixture-library mappings are authoritative: XML, D4 and both R20 files map CH1-CH16. The optional legacy 20CH menu rows are not used for this delivery.



4. 16CH DMX Channel Overview

CH1	Pan	0-540 degrees
CH2	Tilt	0-270 degrees
CH3	Pan fine	16-bit fine control
CH4	Tilt fine	16-bit fine control
CH5	Pan/tilt speed	Fast to slow
CH6	Frost	Out / frost in
CH7	Shutter / strobe	Open, variable, pulse and random strobe
CH8	Dimmer	0-100% linear dimming
CH9	Color wheel	14 colors + white; split colors and scroll
CH10	Fixed gobo	13 fixed gobos + open; shake and scroll
CH11	Prism 1	Out / prism 1 in
CH12	Prism 2	Out / prism 2 in
CH13	Prism rotation	Index and bidirectional rotation
CH14	Colorful effect	Six-color effect; exact behavior TO BE CONFIRMED
CH15	Focus	Far to near
CH16	Lamp / reset	Effect/XY reset, lamp off/on and full reset

Use the supplied fixture-library files and source manual table for complete DMX value ranges. CH14 carries Colourful / Color 2 labels; its exact behavior requires physical confirmation.

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	Dust and Smoke-Oil Resistant 380W Moving Head Beam Light
Input voltage	AC100-220V, 50/60Hz
Rated power	550W
Light source	380W discharge lamp; exact brand/model TO BE CONFIRMED
Control	16CH DMX512; RDM, sound-active, auto and master-slave
Color	14 colors + white
Gobo	13 fixed gobos + open
Prism	Two independent prism wheels; exact facet structures TO BE CONFIRMED
Focus / frost	Motorized focus / independent frost
Pan / tilt	540 / 270 degrees
Rated current / fuse	TO BE CONFIRMED from the product nameplate and fuse holder
Product dimensions	30 x 26 x 52 cm; verified from supplied dimension artwork
Net weight	TO BE CONFIRMED
Packing size / gross weight	TO BE CONFIRMED
IP / resistance rating	TO BE CONFIRMED; no sealing/test certification supplied
Beam angle	0-10 degrees

Dimensions, weights and packing data are TO BE CONFIRMED



7. Contact

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