

YL LIGHT

295W Moving Head Beam + LED Ring

Product User Manual

450W

16CH DMX512

30-LED RING

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

Guangzhou Yeliang Optoelectronic Technology Co., Ltd.
Guangzhou, China | <https://yলাudiolight.com/>

1. Product Overview

This 295W moving-head beam includes a segmented 30-LED aperture ring. It supports DMX512, sound, automatic and master-slave modes, with color, fixed gobos, dual prisms, frost/six-color effects, strobe, linear dimming, motorized focus and fine movement control.

2. Safety

Indoor professional use only, rated IP20. 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 AC100-240V, 50/60Hz supply and protective earth before connection. Disconnect power and allow the fixture to cool before cleaning, service or moving.

Allow the lamp to cool before re-ignition. Do not look directly into the high-intensity beam or modify the fixture.

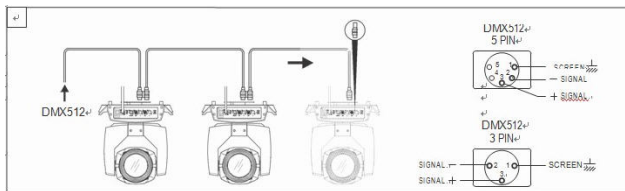
3. Installation and Connection

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.

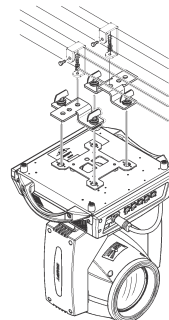
The fixture may stand on a stable surface or be mounted at an angle or overhead. The structure must safely support the fixture and accessories. Keep the area below clear during installation, testing and service, and inspect the clamp, safety cable and fasteners regularly.

The rear panel provides DMX input/output, power input/output, switch and fuse holder. Rated current and fuse specification were not verified in the supplied files and must follow the product nameplate.

Real DMX Connection Diagram

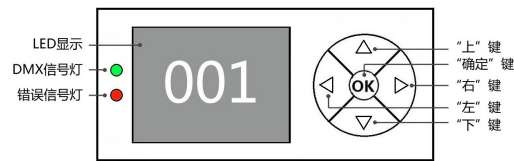


Real Rigging Diagram



4. Operation and Menu

Use the Up, Down, Left, Right and OK keys. Left/Right return to the previous level; Up/Down select or edit; OK executes, enters or exits editing. After power-up, verify address, operating mode, lamp control, pan/tilt reverse, XY speed and sensor settings. A stray 20CH menu entry remains in the legacy source, but the channel table and all three supplied fixture files verify 16CH.



“左” “右” 键的功能是一样的：返回上一界面

“上”、“下” 键：选择、编辑

“确定” 键（即 “OK” 键）：执行功能、开始编辑、退出编辑

5. 16CH DMX Channel Overview

CH1	Color wheel	14 colors + white; split-color positions and bidirectional scroll
CH2	Shutter / strobe	Closed, open, variable, pulse and random strobe
CH3	Dimmer	0-100% linear dimming
CH4	Fixed gobo	13 gobos + open; shake and bidirectional scroll
CH5	Prism 1	Out / in
CH6	Prism 1 rotation	Stop and bidirectional rotation
CH7	Prism 2	Out / in
CH8	Frost / six-color	No effect, frost or six-color insertion
CH9	Focus	Far to near
CH10	Pan	0-540 degrees
CH11	Pan fine	16-bit fine control
CH12	Tilt	0-270 degrees
CH13	Tilt fine	16-bit fine control
CH14	Pan / tilt speed	Fast to slow
CH15	LED ring	Segmented automatic running effects
CH16	Lamp / reset	Lamp off, lamp on and full motor reset

Refer to the supplied source manual and fixture files for the complete DMX value ranges.

6. Maintenance and Troubleshooting

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

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

Lamp does not ignite: verify supply, power connection, circuit capacity and lamp-control command. No DMX: verify address, 16CH mode, XLR polarity, termination, cable length and amplifier. Abnormal pan or tilt: reset and refer belt, sensor, hall-feedback and motor checks to qualified service personnel.

7. Technical Specifications

Product	295W Moving Head Beam + LED Ring
Input voltage	AC100-240V, 50/60Hz
Rated power	450W
LED ring	30 imported LEDs; segmented chase and running-pattern control
Control	16CH DMX512; sound, auto, master-slave
Color	14 colors + white; split colors and bidirectional scroll
Gobo	13 fixed gobos + open; shake and bidirectional scroll
Prism	Two independent wheels: 8-facet + honeycomb; overlay supported
Frost / color effect	Frost and six-color effect through CH8
Focus	Motorized focus
Pan / tilt	540 / 270 degrees with fine channels
Protection	IP20, indoor professional use
Product size	TO BE CONFIRMED - not verified in supplied files
Net / gross weight	TO BE CONFIRMED - not verified in supplied files
Carton size	TO BE CONFIRMED - not verified in supplied files
Rated current / fuse	TO BE CONFIRMED - follow the product nameplate; fuse holder is on the rear power panel

8. Contact

Guangzhou Yeliang Optoelectronic Technology Co., Ltd.

Tel / WhatsApp: +86 157 7061 9135

Email: info@yaudiolight.com

Website: <https://yaudiolight.com/>

Location: Guangzhou, China