

YL LIGHT

450W LED Module Beam Moving Head

Product User Manual



450W RATED

400W LED SOURCE

18CH DMX512

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

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

1. Safety

IP20 indoor professional use only. Keep the fixture dry, ventilated and away from rain, moisture, heavy dust, flammable materials and explosive atmospheres.

Installation, internal service and electrical repair require trained personnel. Overhead mounting requires an approved clamp and independent safety cable.

Supply is AC100-240V, 50/60Hz. Verify the actual nameplate, protective earth and circuit capacity before connection.

Disconnect power and allow the unit to cool before cleaning, service or moving. Do not look into the high-intensity beam or modify the fixture.

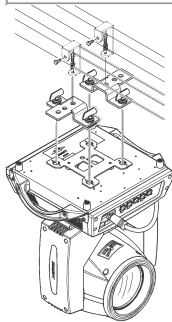
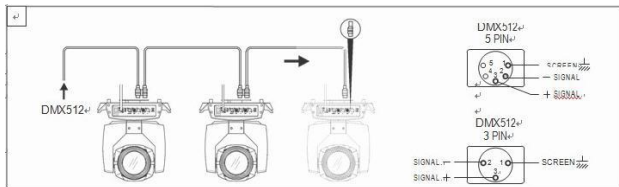
2. Installation and DMX Connection

Connect DMX in a daisy chain using shielded twisted-pair cable. Use a signal amplifier for long runs and a 120-ohm terminator at the final fixture when required. Example 18CH start addresses are A001, A019 and A037.

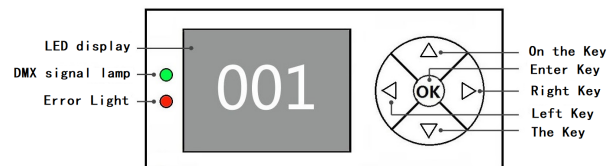
The fixture may stand securely or be mounted professionally overhead. Verify the load-bearing structure and all fasteners, use secondary safety, and keep the area below clear.

LED brand/model, rated current and fuse value, type and position are TO BE CONFIRMED.

DMX



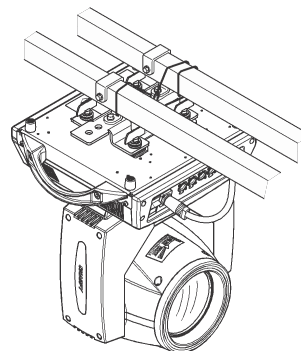
Control Panel



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

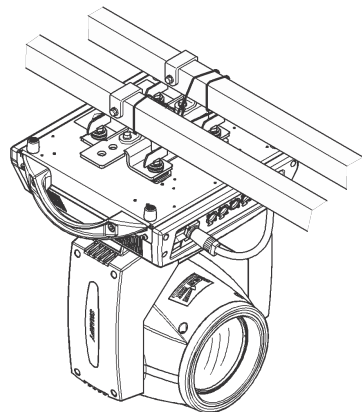
Up, down keys: Select, edit

OK Key: Perform function, start edit, exit edit



3. Operation and 18CH DMX

Use the panel to set DMX address, run mode, display direction, pan/tilt reverse, dimmer curve, LED frequency, calibration and reset. The current XML, D4 and R20 fixture files map the same complete 18-channel mode.



CH1	Pan
CH2	Pan fine
CH3	Tilt
CH4	Tilt fine
CH5	Pan / tilt speed
CH6	Frost / rainbow
CH7	Dimmer
CH8	Dimmer fine
CH9	Shutter / strobe

CH10	CTO
CH11	Color wheel
CH12	Fixed gobo wheel
CH13	Prism 1
CH14	Prism 1 rotation
CH15	Prism 2
CH16	Prism 2 rotation
CH17	Focus
CH18	Reset / control

Use the three supplied fixture files for complete DMX value ranges.

4. Maintenance, Troubleshooting and Specifications

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

Inspect clamps, safety cables, fasteners, power cords, DMX cables and connectors. Disconnect power and allow cooling before service.

No output: check power, dimmer, shutter, mode and reset. No DMX: check address, 18CH mode, cable and console patch.

5. Technical Specifications

Product	450W LED Module Beam Moving Head
Rated power	450W
Light source	400W LED module
Input voltage	AC100-240V, 50/60Hz
Control	18CH DMX512; RDM; master/slave; auto; sound
Movement	Pan 540 degrees / tilt 270 degrees; 16-bit fine control
Color wheel	8 colors + CTO + white; split-color effects
Fixed gobos	15 fixed gobos + open; shake and rotation effects
Prisms	Independent 8-facet and 8+16-facet prisms with rotation
Optics	Motorized focus; frost / rainbow effect
Dimming	0-100% electronic dimming; selectable LED frequency
Protection	IP20 indoor
LED brand / model	TO BE CONFIRMED
Beam angle	TO BE CONFIRMED; isolated fixture metadata is not corroborated
Current / fuse	TO BE CONFIRMED from nameplate and fuse holder
Dimensions / weights / packing	TO BE CONFIRMED



6. Contact

Guangzhou Yeliang Optoelectronic Technology Co., Ltd.

Tel / WhatsApp: +86 157 7061 9135

Email: info@yaudiolight.com

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

Location: Guangzhou, China