

Six-Eye Swing Laser Light

YL LIGHT Professional User Manual | Product 071



Core data: AC95-245V 50/60Hz; 150W; Red 500mW / RGB 500mW / RGB 2W options; 11CH / 23CH DMX; 0-100% dimming; 20Hz strobe; 87 x 24 x 15cm; net weight 11kg.

IMPORTANT: Laser class, wavelengths, aperture labeling, scan-fail protection and regional compliance documents are not supplied. Until confirmed, the fixture must only be assessed and operated in controlled environments by qualified laser-safety personnel.

Guangzhou Yeliang Optoelectronic Technology Co., Ltd. | Guangzhou, China | +86 157 7061 9135 | info@yaudiolight.com

1. Safety and Laser Exposure Control

Eye and skin exposure	Never look into an aperture or aim scanned effects into eyes or uncontrolled audience zones.
Qualified personnel	Installation, positioning, commissioning and operation require trained laser-safety personnel.
Projection zone	Establish safe projection zones, barriers, heights and scan-fail safeguards required by local rules.
Compliance documents	Confirm laser class, wavelengths, warning labels, permits and destination-market records before release or use.
Electrical safety	Verify nameplate voltage and protective earth; disconnect power before cleaning, transport, inspection or service.
Rigging	Use rated clamps and an independent safety attachment; maintain ventilation and separation from water and flammables.

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2. Connections, Control and Operation

Mains input	AC95-245V 50/60Hz. Rated current and fuse type/value/location remain TBC.
DMX connection	Controller DMX OUT to fixture DMX IN; use suitable shielded cable and terminate long lines.
DMX modes	The note confirms 11CH and 23CH. No authoritative channel functions or value ranges are supplied; do not invent them.
Operating modes	DMX512, automatic, sound active and master-slave.
Dimming and strobe	0-100% ultra-smooth dimming; strobe up to 20 flashes per second.
Commissioning	Confirm model and safety records -> rig and define safe projection zone -> connect power and DMX -> set mode/address -> test at low intensity -> operate.



3. DMX Modes and Channel Data Status

The product note confirms only the 11CH and 23CH channel counts. Product 071 has no authoritative non-video manual channel table or fixture-library source, so detailed functions and value ranges must remain TBC.

11CH	Channel count is 11	CH1-CH11 order, value ranges and movement/pattern logic
23CH	Channel count is 23	CH1-CH23 order, value ranges and individual-eye mapping
Addressing	DMX512 control	Display range, personality selection and default address

No fixture library delivered: authoritative source absent / ☐☐☐☐☐☐☐☐☐☐

4. Maintenance and Troubleshooting

Disconnect power	Isolate mains and wait for all movement to stop before cleaning, transport or service.
Optical apertures	Clean all six apertures using suitable non-abrasive methods; never use hard tools.
Swing mechanism	Inspect all six modules for obstruction, looseness, deformation or abnormal noise.
Ventilation	Keep vents and airflow paths free of dust, fabric and cable obstruction.
Connectors	Inspect mains and DMX cables, connectors and strain relief for damage or overheating.

No laser output	Stop operation and check power, mode, safety interlock, DMX signal and the missing laser-safety conditions.
No DMX response	Check address, mode, cable direction, console patch and termination.
Abnormal swing	Stop output immediately and inspect for mechanical obstruction or damage; qualified service only.
Unexpected effect	Confirm the installed output option, operating mode and safety records; do not combine optional configurations.

5. Technical Specifications and TBC Items

Product	Six-eye swing laser light
Input	AC95-245V 50/60Hz
Product power	150W
Laser options	Red 500mW / RGB 500mW / RGB 2W; optional configurations, exact commercial model TBC
Control	DMX512, automatic, sound active and master-slave
DMX	11CH / 23CH; detailed channel tables TBC
Dimming	0-100% ultra-smooth dimming
Strobe	20 flashes per second
Housing	Black
Product size	87 x 24 x 15cm from labeled source image
Net weight	11kg from product note
TO BE CONFIRMED	Rated current, fuse, IP rating, packing data, laser class/wavelength/compliance and detailed channel tables

Guangzhou Yeliang Optoelectronic Technology Co., Ltd. | Tel/WhatsApp +86 157 7061 9135 | info@yলাউলিগট.কম |
Guangzhou, China