

LA SOUNDX

Mini 295W Moving Head Beam + LED Ring

Product User Manual

450W

16CH DMX512

IP20

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

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1. Product Overview

This compact professional beam moving head uses an imported SRI lamp with an integrated LED ring. It is intended for stages, clubs, bars, events, live productions and rental applications.

The fixture supports DMX512, sound, automatic and master-slave modes. Its optical system includes color and fixed-gobo wheels, independent dual prisms, frost/rainbow effects, strobe, linear dimming and motorized focus.

2. Safety

Indoor professional use only. The fixture is rated IP20. Do not expose it 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 the supply range and protective earth before connection. Disconnect power and allow the fixture to cool before cleaning, servicing, moving or storage.

Do not look directly into the high-intensity beam. Do not permit children or untrained personnel to operate the fixture, and do not modify it without authorization.

3. Installation and Connection

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

Connect DMX fixtures in a daisy chain using shielded twisted-pair signal cable. Fit a 120-ohm terminator to the final fixture when required.

The first fixture may use address A001. In 16-channel mode, subsequent addresses may be A017, A033 and A049.

4. Operation and Menu

The 1.8-inch color display supports Chinese/English and 180-degree reverse viewing. Typical settings include DMX address, operating mode, pan/tilt reverse, XY speed, display direction and language.

After power-up, test movement, lamp output, dimming, color, gobos, both prisms, frost, focus and reset before show operation.

Sound, auto and master-slave modes support rapid standalone use. DMX512 mode supports professional console programming.

5. 16CH DMX Channel Overview

CH1	Color wheel	Color selection, split colors and bidirectional scroll
CH2	Strobe	Closed, synchronous, random, pulse and open
CH3	Dimmer	0-100% linear dimming
CH4	Fixed gobo	13 gobos, open and gobo scroll/shake
CH5	Prism 1	Out / in
CH6	Prism 1 rotation	Index, bidirectional rotation and stop
CH7	Prism 2	Out / in
CH8	Frost / rainbow	Frost and color-effect insertion
CH9	Focus	Far to near
CH10	Pan	0-540 degrees
CH11	Pan fine	16-bit fine control
CH12	Tilt	Source channel table states 0-240 degrees; product record states 270 degrees
CH13	Tilt fine	16-bit fine control
CH14	Pan/tilt speed	0-255
CH15	Reserved	NC
CH16	Lamp / reset	Lamp control and XY/effect/full reset

Note: Refer to the supplied source manual and fixture files for complete DMX value ranges. The source files conflict on the stated tilt range (240/270 degrees).

6. 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. Stop operation if you detect unusual wear, odor, heat or noise.

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

7. Technical Specifications

Product	Mini 295W Moving Head Beam + LED Ring
Input voltage	AC100-220V, 50/60Hz
Rated power	450W
Light source	Imported SRI lamp + LED ring
Control	16CH DMX512; sound, auto, master-slave
Color	12 colors + white
Gobo	13 fixed gobos + open
Prism	Independent dual prism wheels; overlay supported
Beam angle	2.1 degrees
Dimming	0-100% linear
Pan / tilt	540 / 270 degrees (product record)
Display	1.8-inch color display; reversible; Chinese/English
Protection	IP20
Product size	27.5 x 20.5 x 45.5 cm
Net / gross weight	8.5 / 10.2 kg
Carton size	TO BE CONFIRMED - source documents conflict
Rated current / fuse	Follow the product nameplate; no verified value in supplied data

8. Contact

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