



LA SOUNDX

PROFESSIONAL STAGE LIGHTING

MINI 295W BEAM + LED RING

COMPACT EDITION

Compact 295W beam performance, integrated LED ring and professional 16-channel control.

295W

SRI SOURCE

16CH

DMX CONTROL

540 / 240

PAN / TILT



Product Positioning

A compact beam fixture combining a concentrated output, LED aperture and layered effects

01

Compact beam performance

A small-format moving head built around an imported SRI source with a dedicated LED ring.

02

Layered effect engine

Twelve colors plus white, thirteen fixed gobos, two independent prism wheels, frost and six-color effects.

03

Professional movement

540-degree pan with 16-bit fine control and a verified 240-degree tilt channel in the supplied DMX table.

04

Flexible control

DMX512, sound, automatic and master-slave modes support programmed shows and standalone deployment.

CORE VALUE

Compact housing, LED ring identity and full beam-effect programming for clubs, events and rental use.



SIDE PROFILE

Key Performance

Verified core data from the product record, manual and 16-channel fixture library



MINI 295W BEAM + LED RING

450W

RATED POWER

12 + WHITE

COLOR WHEEL

13 + OPEN

FIXED GOBOS

DUAL

PRISM WHEELS

0-100%

LINEAR DIMMING

16CH

DMX MODE

COMPACT BODY, LAYERED BEAM EFFECTS

Imported SRI source, LED ring, two independent prism wheels, frost, six-color effect and fine pan/tilt channels.

AC100-220V / 50-60Hz / IP20

Optical & Effect Architecture

Frames from the supplied product video show the actual color, frost and beam behavior



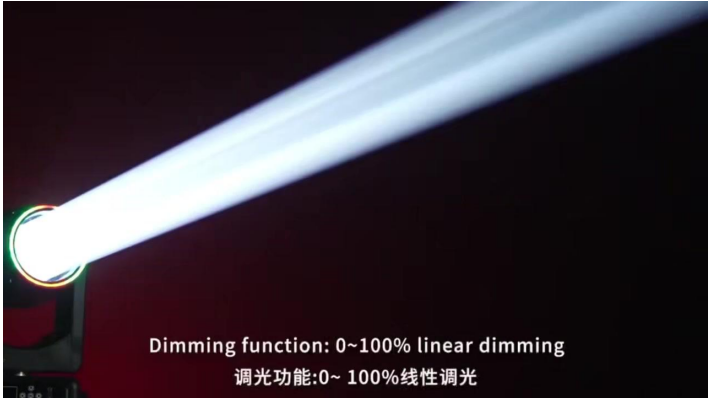
01 **COLOR BEAM**

Twelve colors plus white with split-color transitions



02 **FROST EFFECT**

Integrated frost broadens and softens the beam



03 **BEAM DEFINITION**

Focused aerial output from the compact optical body

COLOR

12 colors + white

GOBO

13 patterns + open

FOCUS

Motorized focus

FROST

Integrated effect

PRISM

Independent + overlay

DIMMER

0-100% linear

Color, Gobo & Prism Effects

Actual frames extracted from the supplied 80.8-second product demonstration video



Color: 12 colors+white
颜色: 12个颜色+白光

01 COLOR OUTPUT

Color-wheel beam transitions

12 COLORS + WHITE



13 fixed patterns+white light
13个固定图案+白光

02 FIXED GOBO OUTPUT

Thirteen patterns plus open

13 PATTERNS + OPEN



Cool prism overlay effect
酷炫的棱镜叠加效果

03 PRISM EFFECT

Independent prisms and overlay combinations

8-FACET + 8+16+24

COLOR / GOBO / FROST / SIX-COLOR / PRISM / STROBE

Motion & Control

Fast setup, address planning and 16-channel effect control for professional integration



LCD DISPLAY / DMX ADDRESS / SYSTEM SETUP / CHANNEL CONTROL

540 DEG

PAN RANGE

240 DEG

TILT RANGE

16-BIT

FINE CONTROL

01 **16-channel DMX mode**

Channels cover color, shutter, dimmer, gobo, dual prisms, frost/six-color, focus, pan/tilt and reset.

02 **Standalone operation**

Sound-active, automatic and master-slave modes support operation without a lighting console.

03 **System management**

Display orientation, language, movement reverse, speed, reset, diagnostics and calibration settings.

CONTROL MODES

DMX512 / SOUND / AUTO / MASTER-SLAVE

Product Views

Four supplied photographs presented at a consistent visual scale



THREE-QUARTER VIEW



SIDE PROFILE



REAR / POWER & DMX



FRONT VIEW

Technical Specifications

Verified data from the product record, original manuals and 16-channel library

Product	Mini295W Moving Head Beam + LED Ring
Input voltage	AC100-220V, 50/60Hz
Rated power	450W
Light source	Imported SRI source + LED ring
Control channels	16 DMX channels
Operating modes	DMX512 / sound / auto / master-slave
Color wheel	12 colors + white
Fixed gobos	13 patterns + open

Electrical protection	Use a grounded supply. Rated current and fuse specification must follow the product nameplate.
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Prism system	Two independent prism wheels; overlay supported
Prism effects	8-facet and 8+16+24 prism combinations
Frost / color effect	Integrated frost + six-color effect
Dimming	0-100% linear dimming
Movement	Pan 540 DEG / tilt 240 DEG / 16-bit fine channels
Product size	27.5 x 20.5 x 45.5 cm
Net / gross weight	8.5 kg / 10.2 kg
Protection	IP20, professional indoor use

Dimensions & Packing

Verified product dimensions and transport weight from the original product record

PRODUCT SIZE W x D x H



27.5 x 20.5 x 45.5 cm

PRODUCT SIZE

8.5 kg

NET WEIGHT

10.2 kg

GROSS WEIGHT

TO BE CONFIRMED

PACKING SIZE

PACKING NOTE

Product size and weights are verified. Final carton dimensions are not consistent in the source files and require confirmation.

Safe Installation

Installation requirements extracted from the supplied operating manual



REAL PRODUCT VIEW / RIGGING REQUIREMENTS

01 Professional installation

Confirm the installation site and support structure are stable before positioning the fixture.

02 Independent safety cable

For inclined or inverted mounting, pass an independent safety cable through the support and fixture handle.

03 Secure all fasteners

Check the hook, clamp, safety rope and mounting screws before operation and at regular intervals.

04 Clear working zone

Do not allow people below the fixture during installation, testing, adjustment or service.

05 Indoor environment

Keep this IP20 fixture dry and allow the unit to return to room temperature after transport before power-up.

Power & DMX Connection

Rear-panel evidence and connection instructions from the supplied product manual



REAL REAR PANEL / POWER IN-OUT / DMX IN-OUT

AC100-220V

INPUT VOLTAGE

50/60Hz

FREQUENCY

450W

RATED POWER

16CH

DMX MODE

01 Shielded DMX cable

Connect fixtures in a DMX512 daisy chain using matched 3-pin XLR input and output connections.

02 Address planning

For 16CH mode, example start addresses are A001, A017 and A033.

03 Signal integrity

Use dedicated shielded signal cable and keep signal wiring separated from mains power.

04 Line termination

Fit a 120-ohm 1W terminator between pins 2 and 3 at the output of the final fixture.

POWER SAFETY: connect only to a grounded Class I supply. Rated current and fuse position/value must follow the product nameplate.

Operating Workflow

Commissioning sequence derived from the manual menu and address instructions



REAL LCD MENU / NAVIGATION KEYS

01

Rig and inspect

Secure the fixture, safety cable, fasteners and working clearance.

02

Connect power and DMX

Verify AC100-220V, grounding, DMX polarity and the final 120-ohm terminator.

03

Select operating mode

Choose DMX, sound-active, automatic or master-slave operation.

04

Assign the address

Use A001 for the first 16CH fixture, then A017 and A033 for the next fixtures.

05

Test channels and effects

Verify color, shutter, dimmer, gobo, prisms, frost/six-color, focus and movement.

06

Monitor and reset

Use the information, channel-control, diagnostics and reset menus as required.

Maintenance & Care

Preventive checks and service limits stated in the supplied manual



REAL PRODUCT BODY / VENTILATION / SERVICE ACCESS

01 **Disconnect before cleaning**

Unplug the fixture whenever it is not in use and before cleaning or inspection.

02 **Inspect the power cord**

Check frequently for folding, damage, scratches or unsafe contact with other cables.

03 **Keep the unit dry**

After transport or temperature change, wait until condensation has cleared before connecting power.

04 **Avoid mechanical abuse**

Do not shake the fixture or use excessive force during installation or operation.

05 **Do not modify the fixture**

Unauthorized modification can cause short circuit, fire or electric shock and void the warranty.

06 **Professional internal service**

Internal maintenance and repair must be performed only by trained professionals.

Troubleshooting Guide

Safe first-line checks derived from the manual and 16-channel control data

01	No power or startup	Verify the AC100-220V supply, grounded connection and the product nameplate. Inspect the power cord for damage.
02	No DMX response	Confirm 16CH mode, start address, XLR pin matching, shielded cable and a 120-ohm final terminator.
03	Intermittent control	Separate signal and power wiring, inspect connectors and test with a known-good DMX cable.
04	Abnormal movement	Run the reset function and review X/Y communication, hall and optocoupler status in the diagnostics menu.
05	Effect channel problem	Use channel-control and reset menus to test color, gobo, prism, frost, focus and lamp-control functions.
06	Problem remains	Disconnect power and refer the fixture to trained technical personnel. Do not continue unsafe operation.

SAFETY FIRST: disconnect power before inspection or maintenance.

Application Scenarios

Representative venue photography shows where compact beam fixtures are typically deployed



LIVE STAGE

Concerts and performance venues

BEAM / PRISM / AERIAL EFFECTS



OUTDOOR EVENTS

Festivals and public performances

HIGH-IMPACT SHOW PROGRAMMING



RENTAL & TOURING

Mobile production and event systems

COMPACT BODY / FLEXIBLE CONTROL

REPRESENTATIVE APPLICATION PHOTOGRAPHY

SCENES ARE ILLUSTRATIVE AND ARE NOT VERIFIED CUSTOMER INSTALLATIONS

Product Summary

LA SOUNDX Mini295W Moving Head Beam + LED Ring



450W

RATED POWER

16CH

DMX CONTROL

12 + WHITE

COLOR WHEEL

13 + OPEN

FIXED GOBOS

DUAL

PRISM SYSTEM

8.5 kg

NET WEIGHT

COMPACT BEAM. LED RING IDENTITY.

A compact moving-head platform for clubs, events, rental and professional stage applications.

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LA SOUNDX PROFESSIONAL STAGE LIGHTING

Product details, fixture profiles and technical support are available on request.