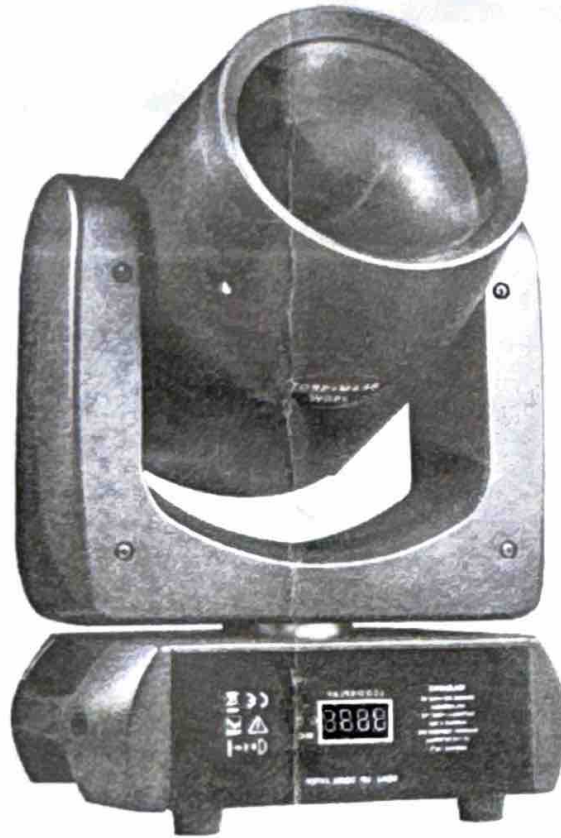# Mini BEAM SPOT LED Moving Head Light

USER MANUAL

$C\epsilon$

KEEP THIS MANUAL FOR FUTURE NEEDS

Thank you for your visit. We believe that our excellent products and services will satisfy you. For your safety, please read this user manual carefully before installing the device.

For proper installation, operation and maintenance of lighting safety. We recommend that installation and operation be carried out by certified technicians and that instructions be followed strictly.

⚠ CAUTION!

Keep this device away from rain and moisture!

Unplug mains lead before opening the housing.

Every person involved with the installation, operation, and maintenance of this device has to:

- Be qualified

- Follow carefully the instructions in this manual

1. INTRODUCTION

Thank you for having chosen this professional moving head.

You will see you have acquired a powerful and versatile device.

Unpack the device. Inside the carton box you should find:

1. One power cable

2. One user manual

3. One pcs lights

4. One pcs DMX cable

5. One pcs bow mount and 2 pcs Screws Install the bottom of the light

Please check carefully that there is no damage caused by transportation. Should there be any, please consult your dealer and don't install this device.

2. MOUNTING AND INSTALLATION

2.1. Cautions:

For added protection, install fixtures outside walkways, seating areas, or areas where unauthorized persons may come into contact with fixtures.

Before mounting the luminaire to any surface, ensure that the mounting area can withstand a minimum point load of 10 times the weight of the unit.

Clamp installations must always be secured using secondary safety accessories such as appropriate safety cables.

Never stand directly beneath the unit when installing, removing or servicing the light fixture from the ceiling or when setting it up on a flat, level surface. Make sure the fixture is at least 0.5m (1.5ft) away from any flammable objects (decorations, etc.)
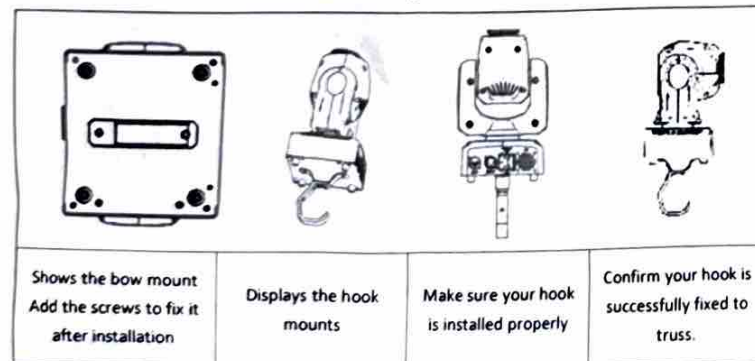
2.2. Mounting points:

Overhead installation requires extensive experience, including calculation of working load limits, in-depth knowledge of the installation materials used and regular safety inspections of all installation materials and fixtures. If you lack these qualifications,

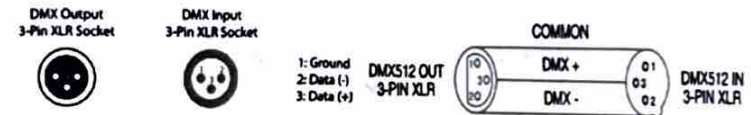Do not attempt to install it yourself, improper installation may result in personal injury.

Be sure to complete all fitting and installation procedures before connecting the mains power cord to a suitable wall outlet.

2.3. Installation Bracket Kit Description:

Shows the bow mount Add the screws to fix it after installation	Displays the hook mounts	Make sure your hook is installed properly	Confirm your hook is successfully fixed to truss.

2.4. DMX-512 control connection

Connect the supplied XLR cable to the 3-pin XLR female output of the controller and the other end to the 3-pin XLR male input of the moving head. You can chain multiple moving heads together via a serial link. The required cable should be a two-conductor shielded cable with XLR input and output connectors. Please refer to the picture below.

DMX Output
3-Pin XLR Socket

DMX Input
3-Pin XLR Socket

1: Ground
2: Data (-)
3: Data (+)

DMX512 OUT
3-PIN XLR

COMMON

DMX +
DMX -

DMX512 IN
3-PIN XLR

3. TECHNICAL PARAMETERS

1) Voltage: AC110-240V 50-60HZ
2) Light source: 1pcs 250W White High Power LED
3) Total power: 230W
4) Strobe: 25 times/sec
5) Prism: 1pcs 24 rotating prisms（No Zoom）
6) Beam angle: 1.5°
7) Playing mode: Auto-running,Sound-activated,DMX512, master-slave
8) Control channel: 12 channels
9) Horizontal scan angle: 540°, speed can be controlled.
10) Vertical scan angle: 220 °, speed can be controlled.
11) Color wheel: 11colors +color rotating speed. infinite rotating
12) Gobo wheel: 14 gobos + shake+Gobo Rotating speed.   infinite rotating
13) Dimmer: 0-100% with regulated constant color control
14) Control panel: 4 Digital LED display figures
15) Display board: LED display
16) N.W:5.5KG
17) G.W: 6.3 KG
18) Packing size: 37.5*27*27.5cm

4. MENU FUNCTION

Appearance and display function

Set the setting function by pressing the key:
*Press the "menu" button to switch function.
*Press "up/down" to switch function or set the address code.
*After switching, press the "Enter" button to save the function.

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◎   ◎   ◎   ◎
MENU   **UP**   **DOWN**   **ENTER**

Addr	1-512	Address settings
Chnd	12ch	12 Channels
SLnd	SI01	Slave modes
	Auto	Auto modes
	Sound	Sound modes
SHnd	Sh 0	Show 1
	Sh 1	Show 2
	Sh 2	Show 3
	Sh 3	Show 4
Sens	10-100	Sound Sensitivity
Led	OFF	Screen
	ON	Screen
Disp	OFF	Screen is turned off
	ON	screen is turned on in reverse
rPan	OFF	X reverse closed
	ON	X reverse turn on
rtiL	OFF	Y reverse close
	ON	Y reverse turn on
Rest	YES	Reset
temp	xxx	temperature display

MAST Automatic mode	Effect	SEnS
(1)Press "MENU" to find "SLnd" (2)Then press the "ENTER" button (3)Then press the "UP"or"DOWN" button , SL 1=Slave Mode Auto= Auto modes SoUn= Sound modes	(1)Press "MENU"to find "SHnd" (2)Then press the "ENTER" button (3)Then press the "UP" or "DOWN" button Turn on Auto mode or Sound mode to show more effects. SH 0 = Effect0 (Recommend) SH 1 = Effect1 SH 2 = Effect2 SH 3 = Effect3	(1)Press "MENU" to find "SEnS" (2)Then press the "ENTER" button (3)Then press the "UP"or"DOWN" button 0-100=Adjust the sensitivity of sound

5. DMX CHANNELS

Remarks: Menu special description

① The keys are not operated, wait for 5 seconds, automatically return to the main menu, there is a DMX signal, the red dot of the display is flickering

② The same lamps of 2 or more units are connected with 3-pin signal line. Set any Lights Master to Show mode, Other Light Switch Slave Mode Automatically, and the DMX mode, the Slave Mode address code is invalid.

➢ 12.DMX CHANNELS

Channels	Features	Channels	Features
1	X	0-255	X
2	X Fine	0-255	X Fine
3	Y	0-255	Y
4	Y Fine	0-255	Y Fine
5	X Y Speed	0-255	Speed from fast to slow
6	Dimming	0-255	Dimming
7	Strobe	0-10	No function
		11-255	Synchronous strobe speed from slow to fast（1HZ~25HZ）
8	Color	0-9	White light
		10-19	Color 1
		20-29	Color 2
		30-39	Color 3
		40-49	Color 4
		50-59	Color 6
		60-69	Color 7
		70-79	Color 8

		80-89	Color 9
		90-99	Color 10
		100-119	Color11
		120-189	Forward turn colors　from fast to slow
		190-255	Reverse　colors　from slow to fast
9		0-5	White light
		6-10	Gobo 1
		11-15	Gobo 2
		16-20	Gobo 3
		21-25	Gobo 4
		26-30	Gobo 5
		31-35	Gobo 6
		36-40	Gobo 7
		41-45	Gobo 8
		46-50	Gobo 9
		51-55	Gobo 10
		56-60	Gobo 11
		61-65	Gobo 12
		66-70	Gobo 13
		71-75	Gobo 14
		76-80	White light
		81-150	Gobos Shake
		151-200	Forward turn gobos　from fast to slow
		201-255	Reverse　gobos　from slow to fast
10	Prism	0-127	off the prism
		128-135	on the prism
		136-255	Prism rotation from slow to fast
11	Macro function	0-29	No function
		30-59	Auto 1
		60-89	Auto 2
		90-119	Auto 3
		120-149	Auto 4
		150-179	Sound 1
		180-209	Sound 2
		210-239	Sound 3
		240-255	Sound 4
12	Reset	0-249	No function
		250-255	3 seconds, enter the reset

This product can get the best effect when paired with a fog machine!