

LED Spot Moving Head Light



Thank you for your patronage. We are confident that our excellent products and service can satisfy you. For your own safety, please read this user manual carefully before installing the device.

In order to install, operate, and maintain the lighting safety correctly. We suggest that the installation and operation should be done by the verified technician and follow the instruction strictly.

CAUTION!

Keep this device away from rain and moisture!

CAUTION!

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 of 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 XLR power cable
2. One user manual
3. One pcs omega

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 mount the fixtures in areas outside walking paths, seating areas, or in areas where the fixture might be reached

Never stand directly below the device when mounting, removing, or servicing the fixture, from a ceiling, or set on a flat level surface (see illustration below). Be sure this fixture is kept at least 0.5m (1.5ft) away from any flammable (decoration etc.)

Always use and install the supplied safety cable as a safety measure to prevent accidental damage and/or injury in the event the clamp fails.

2.2 Mounting points:

Overhead mounting requires extensive experience, including amongst

others calculating working load limits, a fine knowledge of the installation material being used ,and periodic safety inspection of al

installation material and the fixture. If you lack these qualifications , Do not attempt the installation yourself ,improper installation can result in bodily injury.

Be sure to complete all rigging and installation procedures before connecting the main power cord to the appropriate wall outlet.

2.3 Clamp mounting :

The LED moving head provides a unique mounting bracket assembly that integrates the bottom of the base, the included ‘omega bracket’ and the safety cable rigging point in one unit (see the illustration below). When mounting this fixture to truss be sure to sere to secure an appropriately rated clamp to the included omega bracket using a M10 screw fitted through the center hole of the ‘omega bracket’.As an added safety measure be sure to attached at least one properly rated safety cable to the fixture using on of the safety cable rigging point integrated in the base assembly.



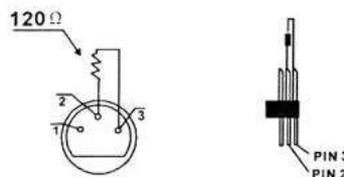
2.4 DMX-512 control connection

Connect the provided XLR cable to the female 3-pin XLR output of your controller and the other side to the male 3-pin XLR input of the moving head. You can chain multiple Moving head together through serial linking. The cable needed should be two core, screened cable with XLR input and output connectors. Please refer to the diagram below.



2.4 DMX-512 connection with DMX terminator

For installations where the DMX cable has to run a long distance or is in an electrically noisy environment, such as in a discotheque, it is recommended to use a DMX terminator. This helps in preventing corruption of the digital control signal by electrical noise. The DMX terminator is simply an XLR plug with a 120 resistor connected between pins 2 and 3, which is then plugged into the output XLR socket of the last fixture in the chain. Please see illustrations below.



1.Channel Table

9 Channel mode

Channel	Function	Explain
1	Horizontal operation	0-255
2	Vertical operation	0-255
3	Color	
	0-139	Color select
	140-255	Color changed automatically,from slow to fast
4	Pattern	
	0-63	Fixed pattern
	64-127	Pattern dither
	128-255	Pattern changed automatically,from slow to fast
5	Strobe	0-255 from slow to fast
6	Dimming	0-255

7	Horizontal operation vertical speed	0-255 from fast to slow
8	Automatic mode	0-255 upward adjustment , downward adjustment
9	0-20	Other mode
	21-100	X motor Automatic mode
	101-200	Y motor Automatic mode
	201-249	XY motor Automatic mode
	Reset	250-255 (5 seconds)

11 Channel mode

Channel	Function	Explain
1	Horizontal operation	0-255
2	Horizontal fine tune	0-255
3	Vertical operation	0-255
4	Vertical fine tune	0-255

5	Color	
	0-139	Color select
	140-255	Color changed automatically, from slow to fast
6	Pattern	
	0-63	Fixed pattern
	64-127	Pattern dither
	128-255	Pattern changed automatically, from slow to fast
7	Strobe	0-255 from slow to fast
8	Dimming	0-255
9	Horizontal vertical operation	0-255 from fast to slow
10	Automatic mode	
	0-59	Other mode
	60-84	Automatic mode 3
	85-109	Automatic mode 2
	110-134	Automatic mode 1
	135-159	Automatic mode 0
	160-184	Sound mode 3
	185-209	Sound mode 2
	210-234	Sound mode 1

	235-255	Sound mode 0
11	0-20	Other mode
	21-100	X motor Automatic mode
	101-200	Y motor Automatic mode
	201-249	XY motor Automatic mode
	Reset	250-255 (5 seconds)

Explain: Set to hold mode,unplug the 512 signal line,and so on for 30 minutes, then turn off the power supply,the system saves the last 512 signals automatically.

About fine-tuning:

In the A001 ,pressing the fourth key for about 10 seconds, the system will call up a menu.

H000-255 X motor offset data

Y000-255 Y motor offset data

C000-255 Color film motor offset data

G000-255 Pattern motor offset data

DEFR The above 4 paramrters are initialized.

Pressing the fourth key for about 10 seconds, the system saves automatically.

This step is indispensable, otherwise the system can not be saved.

3 TECHNICAL PARAMETERS POWER SUPPLIE

Input power:AC100-240V 50/60 Hz

Output LUX :Max 1700 LUX at 5 meters

LED:1PCS high powe rwhite LED

DMX channel:9/11channels

Movement:Pan/Tilt:X axis540degree, Y axis 270degree

Control mode:DMX512/Master-Slave/Auto run/sound

Display: LED display

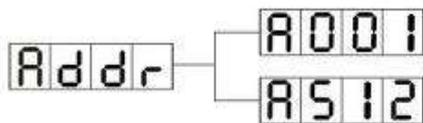
8 internal program , sound mode can control by DXM 512

WEIGHT&SIZE

N.W: 3.1kgs

Packing size 33x22x22Cm (4pcs)

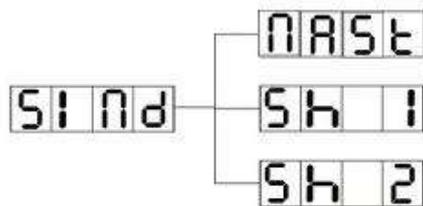
4 :MENU FUNCTION



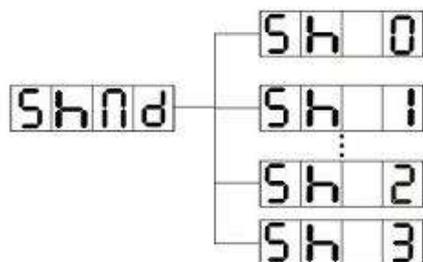
4.1:DMX Address



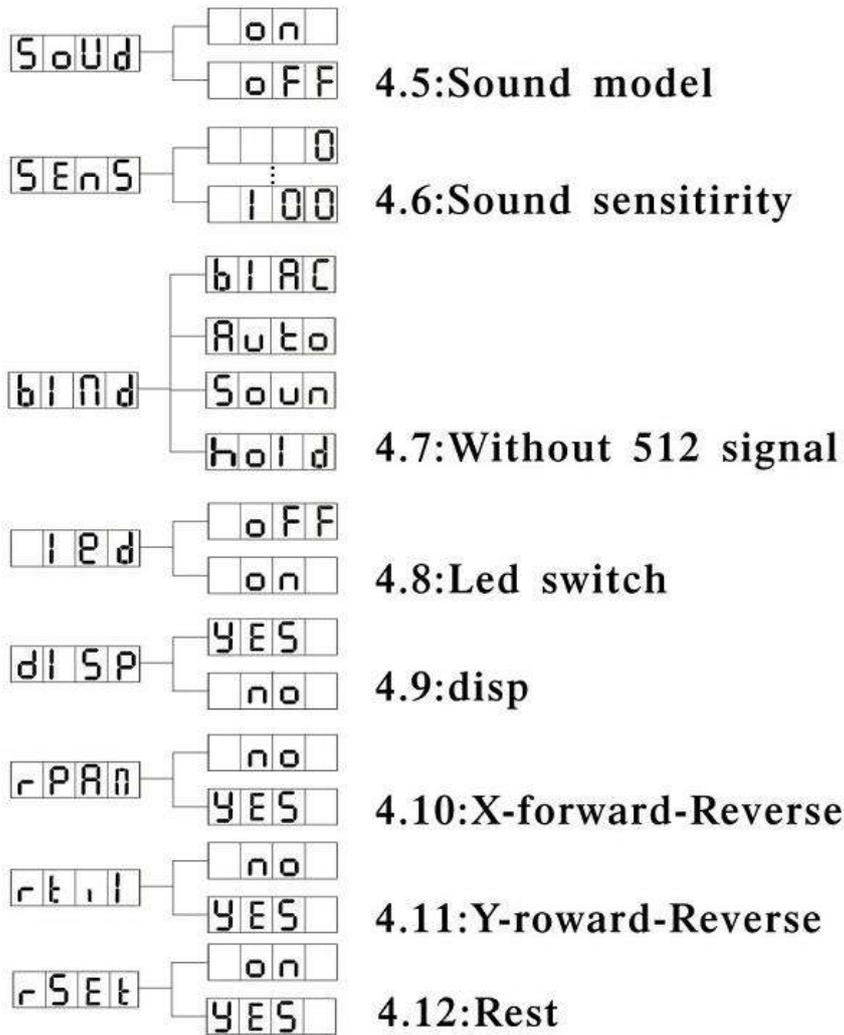
4.2:9CH-11CH mode



4.3:Auto model



4.4:Effects model 0-3



Notic:Automatic lock screen Don't select the menu operation, after 30 seconds, automatic lock screen; Long press menu button for 3 seconds, is unlocked.