

100W SPOT LED Moving Head



USER MANUAL



KEEP THIS MANUAL FOR FUTURE NEEDS

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.



from rain and moisture!

CAUTION! Keep this device away



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 by unauthorized personnel.

Before mounting the fixture to any surface ,make sure that the installation area can hold a minimum point load of 10 times the device's weight.

Fixture installation must always be secured with a secondary safety attachment ,such as an appropriate safety cable.

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 cable as safety measure to prevent accidental damage and /or injury in the event the clamp fails.

2.2 Mounting points:

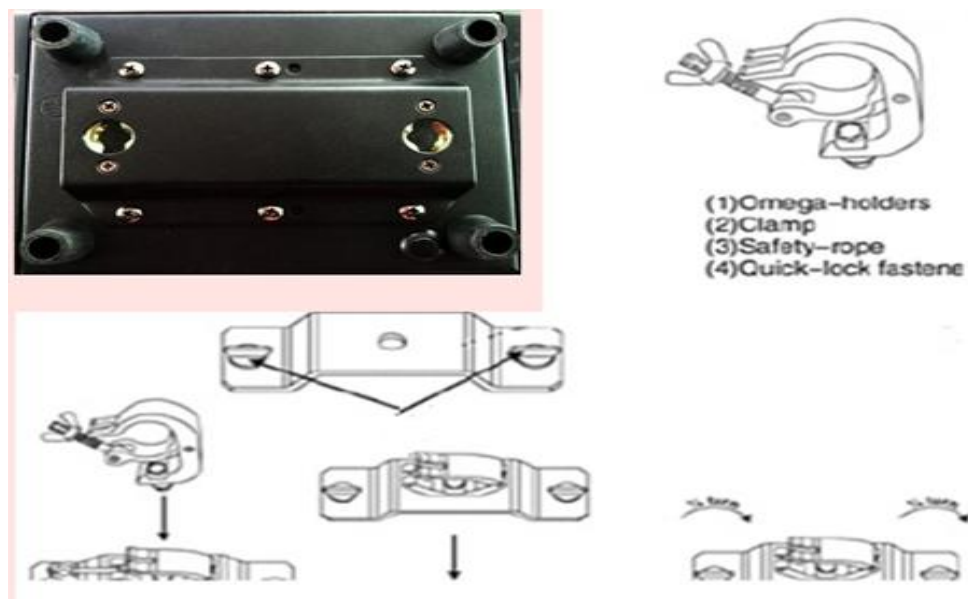
Overhead mounting requires extensive experience , including amongst others calculating working load limits, a fine knowledge of the installation material being used ,and periodic safety inspection of all

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.

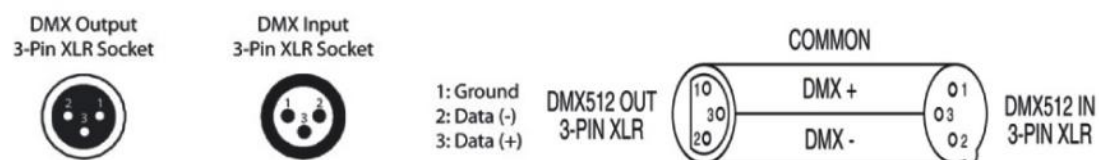
2.3 Clamp mounting :

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.



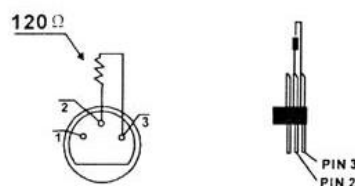
2.4 DMX-512 control connection

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.



3 TECHNICAL PARAMETERS

POWER SUPPLIE

Input power:AC100-240V 50/60 Hz

Power consumption :120W

LED: 100W high power LED

DMX channel:14 channels

Control mode:DMX512/Master-Slave/Auto run

Display:LCD display

WEIGHT

N.W: 7KG

G.W: 8 KG

4 : DMX CHANNELS

CH	CHANNEL MODE	
	DMX	Std.14CH
1	0---255	DIMMER
2	0---255	STOP/STROBE
3	0---255	PAN
4	0---255	TILT
5	0---255	PAN-TILT TIME
6	0---255	PRISM RT COLOUR
7	0---255	GOBO

8	0---255	GOBO1
9	0---255	GOBO1_RT
10	0---255	PRISM
11	0---255	FOCUS
12	0---255	PAN FINE
13	0---255	TILT FINE
14	0---255	RESET

➤ **RESET**

BIT	EFFECT	Function
128-255	COMPLETE RESET	Reset is activated passing through the unused range and staying 5 seconds.
0-127	UNUSED RANGE	

➤ **COLOUR**

BIT	EFFECT	Function
255	FAST ROTATION	
.....		
80	SLOW ROTATION	
75-79	PINK+ WHITE	
70	LAVENDER+ PINK	
65	LIGHT GREEN+ LAVENDER	
60	GREEN+ LIGHT GREEN	
55	AQUAMARINE+ GREEN	
50	ORANGE+ AQUAMARINE	
45	RED+ ORANGE	
40	WHITE+ RED	

35-39	PINK	
30	LAVENDER	
25	LIGHT GREEN	
20	GREEN	
15	AQUAMARINE	
10	ORANGE	
5	RED	
0	WHITE	

➤ **STOP/STOBE**

BIT	EFFECT	Function
252-255	UNUSED	
251	FAST STROBE	
.....		
4	SLOW STROBE	
0-3	UNUSED	

➤ **DIMMER**

BIT	EFFECT	Function
255	100%	Brightness 100%
.....		
0	0%	0%

➤ **GOBO1**

BIT	EFFECT	Function
226-230	GOBO6 SHAKE, SLOW to FAST	
.....		
226-230	GOBO1 SHAKE, SLOW to FAST	
225	FAST ROTATION	

.....		
135	SLOW ROTATION	
130-134	STOP	
129	SLOW ROTATION	
.....		
70	FAST ROTATION	
60-69	GOBO 6	
50	GOBO 5	
40	GOBO 4	
30	GOBO 3	
20	GOBO 2	
10	GOBO 1	
0	WHITE	

➤ **GOBO1 ROTATION**

BIT	EFFECT	Function
255	FAST ROTATION	
.....		
193	SLOW ROTATION	
191-192	STOP	
190	SLOW ROTATION	
.....		
128	FAST ROTATION	
127	FAST ROTATION	
.....		
64	SLOW ROTATION	
0-63	POSITION	

➤ GOBO

BIT	EFFECT	Function
250-255	GOBO7 SHAKE, SLOW to FAST	
.....		
221-225	GOBO1 SHAKE, SLOW to FAST	
220	FAST ROTATION	
.....		
135	SLOW ROTATION	
130-134	STOP	
129	SLOW ROTATION	
.....		
80	FAST ROTATION	
70-79	GOBO 7	
60	GOBO 6	
50	GOBO 5	
40	GOBO 4	
30	GOBO 3	
20	GOBO 2	