

260W Moving Head Beam



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.



rain and moisture!

CAUTION! Keep this device away from



Unplug mains lead before opening the housing.

CAUTION!

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

2.2 Mounting points:

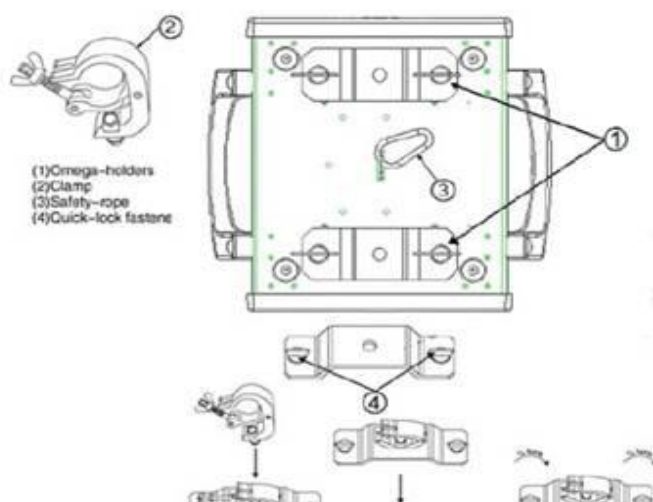
Overhead mounting requires extensive experience , including others calculating working load limits, a fine knowledge of the installation

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 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.



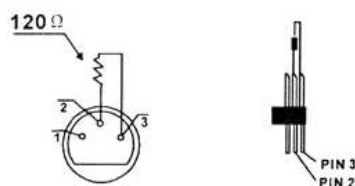
2.4 DMX-512 control connection

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 :330W

Lamp:260W bulb

DMX channel:18 channels

Color temperature : 6700K

Pan scan: 540° (16bit) Electric correction

Tilt scan: 270° (16bit) Electric correction

Color wheel: one color wheel, 13 kinds of color chips in one color wheel

Static Gobo: 13gobos+open

Effect Wheel: two Effect prism,one Rotation 16- prism,one Rotation 48-
prism effect move , Bi-directional rotation

Color chips: 1 colorful chip

Control mode:DMX512/Master-Slave/Auto run

Dimmer : 0- 100 %

Strobe:0-20 HZ

Display:LCD display

WEIGHT&SIZE

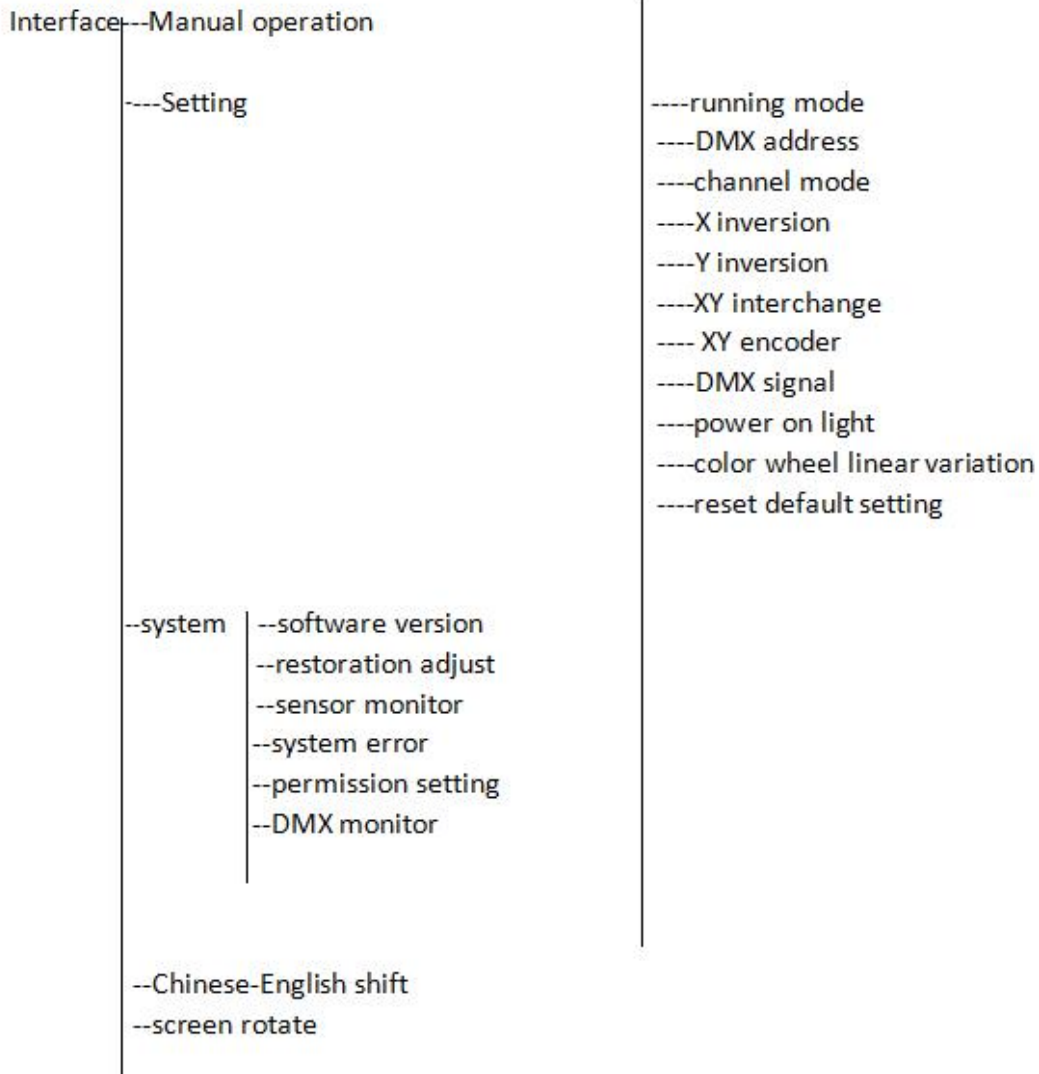
N.W: 12.8 KG

G.W: 14.5KG

Packing size: 49*40*59cm

4 :MENU FUNCTION

➤ Menu construction



Option	Illustrate	
Operation mode	DMX	Slave condition : receive DMX signal from controller or main engine
	Auto run	
	random	
	Voice control	
DMX address	1~512	press“confirm”key to enter redact condition。press“confirm”key to enter redact status。This moment pitch on hundreds place , press“up”“down”key to change the channels 。 Press“confirm”key again to choose decade redact 。 Press“confirm”again to choose the unit redact。 Press again and exit the redact.

Channel mode	Norm 18CH	Norm 18 channel mode
X inversion	close	
	open	
Y inversion	close	
	open	
XY exchange	close	
	open	Exchange XY axial channel (including fine tuning)
XY encoder	open	use encoder to judge step out and self-correcting the setting
	close	Do not use encoder to correct the setting
DMX signal	keep	Running as virgin state
	reset	Electrical return, stop running
Screen saver	open	Free 30 seconds and close backlight
	close	Backlight keep lighting
Open and light bulb	close	Restoration after power on, bulb not working (use menu or controller to light the bulb)
	open	Bulb light after on power, and wait for the bulb successful light then restoration
Screen auto rotation	close	Close Screen auto rotation
	open	Open Screen auto rotation
Reset to default setting		Press“confirm”key and see the confirm dialog box , press“confirm”key again and reset to default setting

6: DMX CHANNELS

18channel definition table

Channel	Function	Value	Illustration
1	PAN	0-255	PAN
2	TILT	0-255	TILT
3	DIMMER	0-255	DIMMER(0-100%)
4	STROBE	0-3	CLOSED
		4-251	STROBE SLOW to FAST
		252-255	OPEN
5	COLOUR	0-4	WHITE
		5-9	COLOUR1
		10-14	COLOUR2
		15-19	COLOUR3
		20-24	COLOUR4
		25-29	COLOUR5
		30-34	COLOUR6
35-39	COLOUR7		

		40-44	COLOUR8
		45-49	COLOUR9
		50-54	COLOUR10
		55-59	COLOUR11
		60-64	COLOUR12
		65-69	COLOUR13
		70-74	WHITE+COLOUR1
		75-79	COLOUR1 + COLOUR2
		80-84	COLOUR2 + COLOUR3
		85-89	COLOUR3 + COLOUR4
		90-94	COLOUR4+ COLOUR5
		95-99	COLOUR5+ COLOUR6
		100-104	COLOUR6 + COLOUR7
		105-109	COLOUR7+ COLOUR8
		110-114	COLOUR8 + COLOUR9
		115-119	COLOUR9 + COLOUR10
		120-124	COLOUR10 + COLOUR11
		125-129	COLOUR11 + COLOUR12
		130-134	COLOUR12 + COLOUR13
		135-139	COLOUR13 +WHITE
		140-255	ROTATION SLOW to FAST
6	GOBO	0-4	WHITE
		5-9	GOBO 1
		10-14	GOBO 2
		15-19	GOBO 3
		20-24	GOBO 4
		25-29	GOBO 5
		30-34	GOBO 6
		35-39	GOBO 7
		40-44	GOBO 8
		45-49	GOBO 9
		50-54	GOBO 10
		55-59	GOBO 11
		60-64	GOBO 12
		65-69	GOBO 13
		70-129	ROTATION FAST to SLOW
		130-134	STOP
		135-190	ROTATION SLOW to FAST
		191-195	GOBO 1 SHAKE, SLOW to FAST

		196-200	GOBO 2 SHAKE, SLOW to FAST
		201-205	GOBO 3 SHAKE, SLOW to FAST
		206-210	GOBO 4 SHAKE, SLOW to FAST
		211-215	GOBO 5 SHAKE, SLOW to FAST
		216-220	GOBO 6 SHAKE, SLOW to FAST
		221-225	GOBO 7 SHAKE, SLOW to FAST
		226-230	GOBO 8 SHAKE, SLOW to FAST
		231-235	GOBO 9 SHAKE, SLOW to FAST
		236-240	GOBO 10 SHAKE, SLOW to FAST
		241-245	GOBO 11 SHAKE, SLOW to FAST
		246-250	GOBO 12 SHAKE, SLOW to FAST
		251-255	GOBO 13 SHAKE, SLOW to FAST
7	PRISM1	0-127	PRISM EXCLUDED
		128-255	PRISM INSERTED
8	PRISM1 RT	0-127	POSITION
		128-190	ROTATION FAST to SLOW
		191-192	STOP
		193-255	ROTATION SLOW to FAST
9	PRISM2	0-127	PRISM1 EXCLUDED
		128-255	PRISM1 INSERTED
10	PRISM2 RT	0-127	POSITION
		128-190	ROTATION FAST to SLOW
		191-192	STOP
		193-255	ROTATION SLOW to FAST
11	FOCUS	0-255	FOCUS(0-100%)
12	FROST	0-127	FROST EXCLUDED
		128-255	FROST INSERTED
13	7-color wheel	0-127	7-color wheel EXCLUDED
		128-255	7-color wheel INSERTED
14	RFU	0-255	RFU
15	PAN FINE	0-255	PAN FINE
16	TILT FINE	0-255	TILT FINE
17	PAN-TILT speed	0-255	Pan-Tilt-speed
18	LAMP CONTROL& RESET	0-99	UNUSED RANGE
		100-105	LAMP ON
		200-205	LAMP OFF
		255-255	COMPLETE RESET