

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 by unauthorized personnel.

clamp fails.

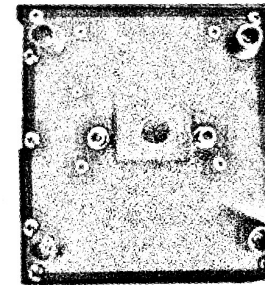
2.2 Mounting points:

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 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 attach at least one properly rated safety cable to the fixture using one of the safety cable rigging points integrated in the base assembly.



2.4 DMX-512 control connection

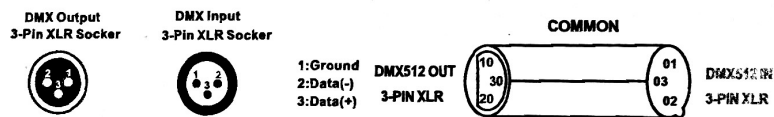
Connect the provided XLR cable to the female 3-pin XLR output of your controller and the other side to the male 3-pin XLR input of the moving

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.

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.

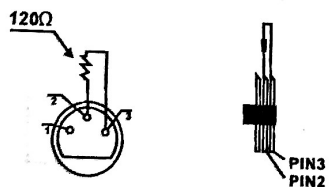
Never stand directly below the device when mounting ,removing ,or servicing the fixture, from a ceiling,or set on a flat level surface (see illustration below).Be sure this fixture is kept at least 0.5m (1.5ft) away from any flammable (decoration etc.)

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



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.



3DMX Channel Table 10CH

CH	Vabalue	Function
1	0-255	PAN 0-540°
2	0-255	PAN 16 bit
3	0-255	Tilt 0-220°
4	0-255	Tilt 16 bit
5	0-255	Pan &Tilt Speed(from fast to slow)
6	0-255	Dimmer 0-100%
7	0-255	Strobe in the line(from slow to fast)
8	0-9	While
	10-19	Color1
	20-29	Color2
	30-39	Color3
	40-49	Color4
	50-59	Color5
	60-69	Color6
	70-79	Color7
	80-89	Color8
	90-99	Color9
	100-109	Color10
	110-119	Color11
	120-129	Color12
	130-139	Color13
140-149	Color14	
150-255	Color Auto (From slow to fast)	
9	0-9	While
	10-19	Gobo1
	20-29	Gobo2
	30-39	Gobo3
	40-49	Gobo4
	50-59	Gobo5
	60-69	Gobo6
	70-79	Gobo7
80-89	Gobo7 shake	

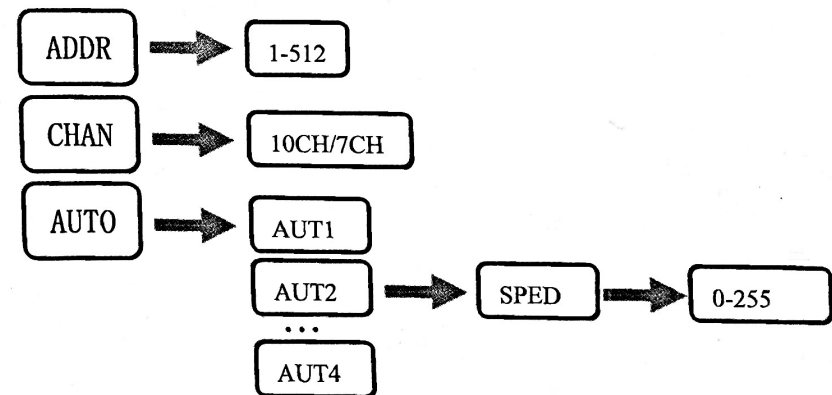
9	90-99	Gobo6 shake
	100-109	Gobo5 shake
	110-119	Gobo4 shake
	120-129	Gobo3 shake
	130-139	Gobo2 shake
	140-149	Gobo1 shake
	150-255	Gobo Auto (From slow to fast)
10	0-30	No function
	31-60	Auto1 Speed(from slow to fast)
	61-90	Auto2 Speed(from slow to fast)
	91-120	Auto3 Speed(from slow to fast)
	121-150	Auto4 Speed(from slow to fast)
	151-180	Sound1 Sensitivity (from low to high)
	181-210	Sound2 Sensitivity (from low to high)
	211-255	Keep 5 seconds, the system reset

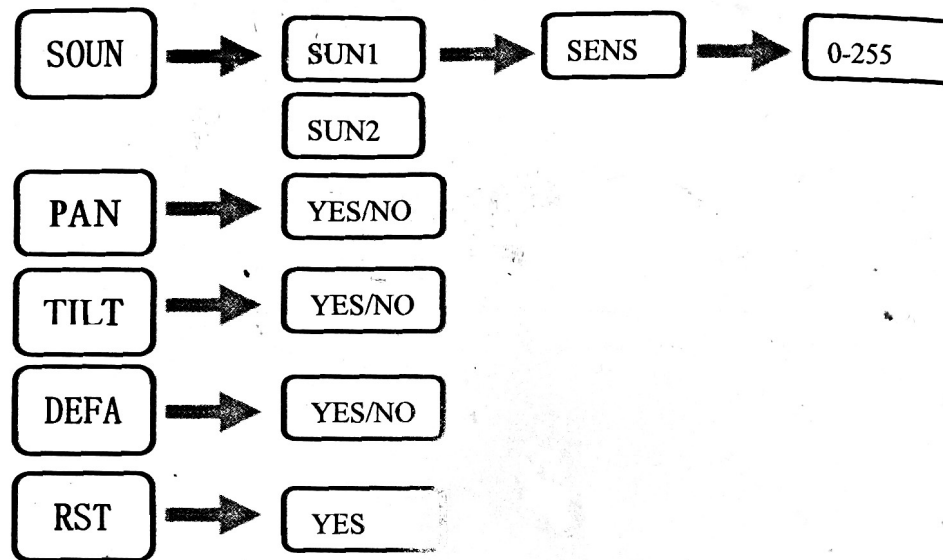
8CH

CH	Vablue	Function
1	0-255	PAN 0-540°
2	0-255	Tilt 0-220°
3	0-255	Dimmer 0-100%
4	0-255	Strobe in the line(from slow to fast)
5	0-9	While
	10-19	Color1
	20-29	Color2
	110-119	Color11
	120-129	Color12
	130-139	Color13
	140-149	Color14
	150-255	Color Auto (From slow to fast)
6	0-9	While
	10-19	Gobo1
	20-29	Gobo2
	30-39	Gobo3
	40-49	Gobo4

6	50-59	Gobo5
	60-69	Gobo6
	70-79	Gobo7
	80-89	Gobo7 shake
	90-99	Gobo6 shake
	100-109	Gobo5 shake
	110-119	Gobo4 shake
	120-129	Gobo3 shake
7	130-139	Gobo2 shake
	140-149	Gobo1 shake
	150-255	Gobo Auto (From slow to fast)
	0-30	No function
	31-60	Auto1 Speed(from slow to fast)
	61-90	Auto2 Speed(from slow to fast)
	91-120	Auto3 Speed(from slow to fast)
	121-150	Auto4 Speed(from slow to fast)
	151-180	Sound1 Sensitivity (from low to high)
	181-210	Sound2 Sensitivity (from low to high)
211-255	Keep 5 seconds, the system reset	

4:MENU FUNCTION





3 TECHNICAL PARAMETERS

POWER SUPPLIE

Input power:AC100-240V 50/60 Hz

Power consumption :

LED:1PCS W high powe rwhite LED

DMX channel:7/10channels

Movement:Pan/Tilt:X axis540degree, Y axis 190degree

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: 2.5kgs

size: 32.5X25X27Cm cm

Packing size :46X31X47Cm (4pcs)