

# **4\*25W Super beam 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.



**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.

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:**

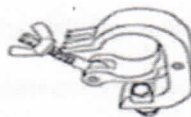
Overhead mounting requires extensive experience, including amongst others calculating working load limits, a fine knowledge of the installation material being used, and periodic safety inspection of all

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

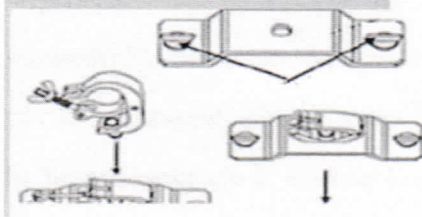
Be sure to complete all rigging and installation procedures before  
connecting the main power cord to the appropriate wall outlet.

### 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.

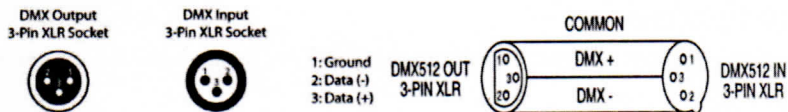


- (1)Omega-holders
- (2)Clamp
- (3)Safety-rope
- (4)Quick-lock fastener



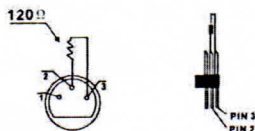
## 2.4 DMX-512 control connection

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 :130 W

LED: 4\*25W high power LED

DMX channel:9/15 channels

Control mode:DMX512/Master-Slave/Auto run

Display:LCD display

#### WEIGHT&SIZE

N.W: 7KG

G.W: 8 KG

Packing size: 27\*15\*40cm

### 4 :MENU FUNCTION

1	DMX Addr	001~512	DMX 地址设置
2	CH Mode	9	9 通道模式
		16	16 通道模式
3	Work Mod	DMX	DMX 控台模式
		Auto	自走模式
		Sound	声控模式
4	Master	No	从机模式
		Yes	主机模式
5	Pan Inve	No	水平不反转
		Yes	水平反转
6	Tilt Inv	No	垂直不反转
		Yes	垂直反转
7	Soud Sen	0~99	声控灵敏度
8	BK Light	Off	显示屏 60 秒后熄灭
		Always	显示屏一直显示



9	Reset	No	
		Yes	灯具复位
10	Factory Set		工厂设置，密码 1122

## 5:Function Mode

### 5.1 DMX address setting

With this function, you can adjust the desired DMX-address via the Control Board.

Select via the encoder.

Press the encoder, adjust the DMX address by turning the encoder.

Press the encoder to confirm.

Press the Mode/Esc-button in order return to the main menu.

Set DMX address

Display the DMX 512 value of each channel

With this function you can display the DMX 512 value of each channel.

The display automatically

shows the channel with a value changing.

### 5.2 Run Mode

The LED moving head have 9CH and 15CH, can receive the International DMX signal.

In the【WORK MOD】mode, you can chose[ DMX] [Auto ] and[ Sound ] [Master ] and 【Slave】 mode.

### 5.3 Manual Control

With this function ,you can adjust the pan and tilt and the move speed, also adjust the dimmer ,strobe and color.

**5.4 Advanced Set up**

**Pan Reverse**

With this function you can reverse the Pan-movement.

**Tilt Reverse**

With this function you can reverse the Tilt 1-movement.

**Display Reverse**

With this function you can reverse the Tilt 2-movement.

**Reset**

With this function, you can reset the device via the Control Board.You can select the different reset function by turning the encoder.

**Factory Reset**

With this function, you can select restore factory set for ON or OFF, the default is OFF.

**6: DMX CHANNELS**

**6.1 9channel definition table**

9 channel			
1	Dimmer	0~255	Dimmer(0-100%)
2	Strobe	0~9	Shutter close
		10~255	Strobe effect slow to fast
3	X	0-255	X
4	Y	0-255	Y
5	X/Y Speed	0-255	X/Y Speed fast to slow
6	Color	0-9	white



		10~19	red
		20~29	green
		30~39	blue
		40~127	Color position linear positioning
		128~191	Forwards rainbow effect from slow to fast
		192~255	Backwards rainbow effect from slow to fast
7	Lens disc	0~127	Linear positioning of lens position
		128~191	Forwards rainbow effect from slow to fast
		192~255	Backwards rainbow effect from slow to fast
8	Lens disc Shaking	0~9	Open/hole
		10~255	When channel 7 is less than 128, lens sharking from slow to fast
9	Rest	240~249	still 3 seconds after the lamp reset

## 6.2 15channel definition table

15channel			
1	Dimmer	0~255	Dimmer
2	LED1 Dimmer	0~255	LED1 Dimmer
3	LED2 Dimmer	0~255	LED2 Dimmer
4	LED3 Dimmer	0~255	LED3 Dimmer
5	LED4 Dimmer	0~255	LED4 Dimmer
6	Strobe	0~9	Shutter close
		10~255	Strobe effect slow to fast
7	X	0~255	X
8	X Fine	0~255	X Fine
9	Y	0~255	Y
10	Y Fine	0~255	Y Fine
11	X/Y Speed	0~255	X/Y Speed fast to slow

12	Color	0~255	white
		10~19	red
		20~29	green
		30~39	blue
		40~127	Color position linear positioning
		128~191	Forwards rainbow effect from slow to fast
		192~255	Backwards rainbow effect from slow to fast
13	Lens disc	0~127	Linear positioning of lens position
		128~191	Forwards rainbow effect from slow to fast
		192~255	Backwards rainbow effect from slow to fast
14	Lens disc Shaking	0~9	Open/hole
		10~255	When channel 7 is less than 128, lens sharking from slow to fast
15	Rest	240~249	still 3 seconds after the lamp reset