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Professional Moving Head Beam

Order Code: HT-LM-3610QZ



User Manual

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Following are a few common problems that may occur during operation. Here are some suggestions for easy troubleshooting:

A. The unit does no work, no light

1. Check the connect power and mains fuse.
2. Measure the mains voltage on the main connector.

B. Not responding to DMX controller

1. Check DMX connectors, cables to see if they are linked properly.
2. Check the address settings and DMX polarity.
3. If you have intermittent DMX signal problems, check the pins on the connectors or on PCB of the unit or the previous one.
4. Try to use another DMX controller.
5. Check to see if the DMX cable run near or run alongside to high voltage cables that may cause damage or interference to DMX interface circuit.

The cleaning of internal and external optical lenses and/or mirrors must be carried out periodically to optimize light output. Cleaning frequency depends on the environment in which the fixture operates: damp, smoky or particularly dirty surrounding can cause greater accumulation of dirt on the unit's optics.

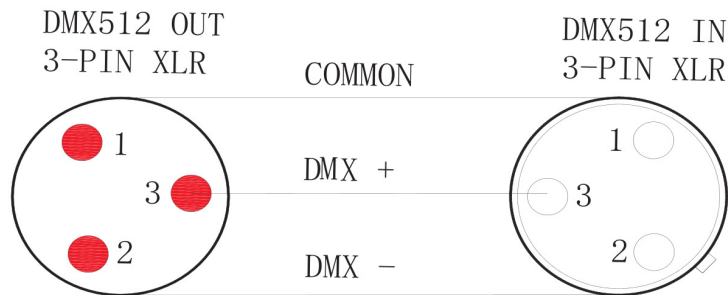
- Clean with soft cloth using normal glass cleaning fluid.
- Always dry the parts carefully.
- Clean the external optics at least every 20 days. Clean the internal optics at least every 30/60 days.

Use universal DMX controller to control the packages, you have to set the DMX address from 1 to 512 channels so that the unit can receive the DMX signal.

When switch on the lighting, use the **MENU** to choose the submenu **System Mode**, use **UP** and **DOWN** to choose **DMX 512**, press **ENTER** and then use **UP** and **DOWN** to change the dmx address value. Once the address has been selected, press **ENTER** button to store.

Please find the following examples to address your DMX512 channel for the first 4 packages.

14CH Mode:	A001	A015	A029	A043
18CH Mode:	A001	A019	A037	A055



Termination reduces signal errors and to avoid signal transmission problems and interference. It is always advisable to connect a DMX terminal. (Resistance 120ohm 1/4W) between pin2(DMX-) and pin3(DMX+) of the last fixture.

1.If you use a controller with 5 pins DMX output, you have to use a 5 to 3 pin adapter-cable.

2.At last unit, the DMX cable has to be terminated with a terminator. Solder a 120 ohm 1/4W resistor between pin 2(DMX-) and pin 3(DMX+) into a 3-pin XLR-plug and plug it in the DMX-output of the last unit.

Warning

For your own safety, please read this user manual before operation.



Caution

Before operating, make sure the voltage and frequency of the power supply match the power requirements of the package.



Safety Instructions:

Please keep this User Manual for future consultation. If you sell the unit to another user, be sure that they also receive this instruction booklet.

Every person involved with the installation, operation and maintenance should:

- Be competent
- Follow the instructions of this user manual



Caution

Take care using this equipment!
High voltage risk of electric shock.



Before your initial start-up, please make sure that there is no damage caused during transportation. Should there be any, consult with the dealer and do not use the unit.

Make sure there are not flammable materials close to the unit while operating

To maintain the equipment in good work condition and to ensure safe operation, it is necessary for the user to follow the safety instructions and warning notes written in the manual.

Damages caused by user modifications to the unit are not subject to warranty.

Professional Moving Head Beam Technical Specifications

You should find the following items inside the carton packing:

1pc LED Moving Head, 1set OMEGA clamps, 1pc power cables, 1pc DMX cables, 1pc User Manual

Technical Specifications

Voltage: AC100-240V,50/60HZ

LEDs: 36pcs 10w RGBW 4IN1 high brightness leds, average life time 50000hours

Power consumption: 360W

Pan: 540degree (8/16bit)

Tilt: 270degree (8/16bit)

Dimmer: 0-100%

Strobe: 0-20times/s

Packing Size: 445*310*435mm

Gross Weight: 11KG

Operation Modes: ● DMX mode: 14CH/18CH ● Master/Slave mode

● Auto

● Sound Activation

Professional Moving Head Beam Control Panel



LCD display: Show the menus and select function by Menu, Up, Down, Enter

Mains input: Powercon in

DMX input / output: Use 3-pin XLR cable to link items together

Switch ON/OFF

Professional Moving Head Beam Control Panel

Main Functions:

System Mode (DMX 512: DMX address setting / ADJ-W: White balance / EDIT: Manual mode / SOUND: Sound activation / AUTO: Auto program) → Save to Sence → SELECT PAN (Pan reverse) → SELECT TILT (Tilt reverse) → SELECT CHANNEL (Channel Mode: 14CH / 18CH) → LANGUAGE → System Reset

Professional Moving Head Beam DMX 512 Configuration

14CH Mode	18CH Mode	Function	Value
CH1	CH1	Dimmer	0-255 from 0% to 100%
CH2	CH2	Red	0-255 from 0% to 100%
CH3	CH3	Green	0-255 from 0% to 100%
CH4	CH4	Blue	0-255 from 0% to 100%
CH5	CH5	White	0-255 from 0% to 100%
CH6	CH6	Strobe	0~2 off; 3~7 on; 8 ~251 Strobe from slow to fast; 252~255 Full on
CH7	CH7	Marco Built-in Programs	0~15 No function; 16~43 Color Change; 44~87 Strobe; 88~131 Color Fade; 132~219 Mixed program; 220~255 Color Flow
CH8	CH8	Marco Speed	0~255 Speed from fast to slow
CH9	CH9	Pan	
CH10	CH10	Tilt	
CH11	CH11	Pan Fine	
CH12	CH12	Tilt Fine	
CH13	CH13	Pan/Tilt Speed	0~255 Speed from fast to slow
	CH14	Movement	0-63 No function; 64-127 Pan Movement; 128-191 Tilt Movement; 192-255 Pan Tilt Movement
	CH15	Pan Movement Angle	0~255 Pan angle from small to big
	CH16	Tilt Movement Angle	0~255 Tilt angle from small to big
	CH17	XY Silent	0~127 no function; 128~255 xy silent
CH14	CH18	ZOOM/Reset	0~192 zoom; 192~254 zoom from slow to fast; 255 Reset