
6x40w 4in1 RGBW Beam Zoom Wash Moving Head



User manual

Please read the instructions carefully before use

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statement

The product has well capability and intact packing when leave factory. All of the user should comply with warning item and manual, any misuse cause of the damages are not included in our guarantee, and also can not be responsible for any malfunction & problem owing to ignore the manual.

1. Safety Instructions

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

Unpack and check carefully there is no transportation damage before using the unit.

Before operating, ensure that the voltage and frequency of power supply match the power requirements of the unit.

It's important to ground the yellow/green conductor to earth in order to avoid electric shock.

The unit is for indoor use only. Use only in a dry location.

The unit must be installed in a location with adequate

ventilation, at least 50cm from adjacent surfaces. Be sure that no ventilation slots are blocked.

Disconnect main power before replacement or servicing.

Make sure there are no flammable materials close to the unit while operating as it is fire hazard.

Use safety cable when fixes this unit. DO NOT handle the unit by taking its head only, but always by taking its base.

Maximum ambient temperature is T_a : 40°C . DO NOT operate it where the temperature is higher than this Unit surface temperature may reach up to 85°C . DO NOT touch the housing bare-hand during its operation. Turn off the power and allow about 15 minutes for the unit to cool down before replacing or serving.

In the event of serious operating problem, stop using the unit immediately. Never try to repair the unit by yourself. Repairs carried out by unskilled people can lead to damage or malfunction. Please contact the nearest authorized technical assistance center. Always use the same type spare parts.

DO NOT touch any wire during operation as high voltage might be causing electric shock.

Warning:

To prevent or reduce the risk of electrical shock or fire, do not expose the unit to rain or moisture.

DO NOT open the unit within five minutes after switching off.

The housing, the lenses, or the ultraviolet filter must be

replaced if they are visibly damaged.

Caution:

There are no user serviceable parts inside the unit. DO NOT open the housing or attempt any repairs yourself. In the unlikely event your unit may require service, please contact your nearest dealer.

Installation:

The unit should be mounted via its screw holes on the bracket. Always ensure that the unit is firmly fixed to avoid vibration and slipping while operating. And make sure that the structure to which you are attaching the unit is secure and is able to support a weight of 10 times of the unit's weight. Also always use a safety cable that can hold 12 times of the weight of the unit when installing the fixture.

The equipment must be fixed by professionals. And it must be fixed at a place where is out of the touch of people.

How to Set up this Unit

1. [MIC]: micro phone for sound mode
2. [MENU]: press this button to go back to the main menu or to leave submenus
3. [▼]:press this button to go down in the menu
4. [▲]:press this button to go up in the menu
5. [Enter]:press this button to confirm the selected function in the menu
6. [Display]:shows the information on the different modes and functions
7. [SOUND SENSITIVITY CONTROL]:To adjust the sensitivity of the sound mode

8. [NETWORK INTERFACE]: DMX512 network interface(Optional)
9. [DMX IN]:3p XLR Male connector to receive DMX data from a console or use in Master/slave modes
10. [DMX OUT]:3 pin XLR Female connector to connect other projectors or use in Master/slave modes
11. [POWER IN]:with IEC socket and integrated fuse holder,connect the supplied mains cable here
12. [FUSE]:Protecting the safety operation of circuit
13. [FAN]:for cooling the electronic components in the base of the machine

2. Technical Specifications

Input power: AC100-240V 50/60 Hz

Power consumption: 255watt(max)

Power connection: 10A

Connection: 3pin-XLR male/female

Extremely Long Life: 50,000 Hr and low power consumption

LED: 6 PCS 40W high power RGBW LED

DMX channel: 10/17 channels

ZOOM angel: 4-36°

Beam :open and rotating

Movement: Pan/Tilt:X axis 540°, Y axis 190°

High speed of pan/tilt movement, speed of pan/tilt movement is adjustable

Control mode:DMX512/Master-Slave/Auto run/sound

Display: 2.4inches LCD display

8 internal program , sound mode can control by DXM 512

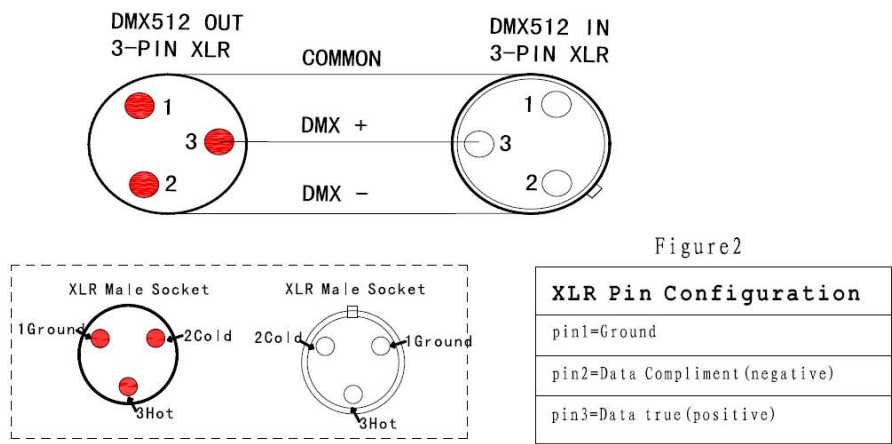
IP Rating : IP20

N.W: 8.5KG

G.W: 11.5KG
Packing size : 44*36*32CM (1pcs/ctn)

3. How To Control The Unit

The DMX512 is widely used in intelligent lighting control,with a DMX 512 controller.connect several lights together,dmx in and dmx out, 3 pin XLR connectors: Pin 1: GND, Pin 2: Negative signal (-), Pin 3: Positive signal (+)



Display:

- MENU To select the programming functions
- DOWN To go backward in the selected functions
- UP To go forward in the selected functions
- ENTER To confirm the selected functions

Set DMX Address Code

- 1 Press **"Menu"** to "Set DMX Address",and press**"ENTER"** keys to enter into
- 2 Show "Set DMX Address DMX Address:**001"**,Press the **"UP and DOWN"** keys to amended
- 3 Press **"ENTER"**keys to save and Exit,Press the**"MENU"**Keys does not save and Exit

Menu Function

DMX Address	001~512		
Operating Mode	DMX 17 Ch		
	DMX 10 Ch		
	Auto	Perform Mode 1	
		Perform Mode 2	
		Perform Mode 3	
		Perform Mode 4	
		Perform Mode 5	
		Perform Mode 6	

		Perform Mode 7	
		Perform Mode 8	
	Sound		
	Master Auto	Perform Mode 1	
		Perform Mode 2	
		Perform Mode 3	
		Perform Mode 4	
		Perform Mode 5	
		Perform Mode 6	
		Perform Mode 7	
		Perform Mode 8	
	Master Sound		
	Slave		
Advanced Setting	Pan Reverse		
	Tilt Reverse		
	Display Reverse		

	Reset Motor		
	Factory Reset		
	Home Position	Password	Code =018
		PAN	PAN =000
		TILT	TILT =000
		Zoom	Zoom =000
		Effect Motor	EFFECT =000
		Dimmer	DIMMER =000
		Red	Red =000
		Green	Green =000
		Blue	Blue =000
		White	White =000
		Language Setting	简体中文
			English
	Mic Sensitive	0	
System Info	Current Time		
	Total Time		

	Current Mode		
	Temperature		
	Software Version		
Manual Control	PAN	PAN =000	
	TILT	TILT =000	
	Pan/Tilt Speed	Move Speed =000	
	Zoom	Zoom =000	
	Effect Motor	Effect Motor =000	
	Dimmer	Dimmer =000	
	Strobe	Strobe =000	
	Red	Red =000	
	Green	Green =000	
	Blue	Blue =000	
	White	White =000	

DMX-Configuration

Channel definition table			
<i>10CH</i>	<i>17CH</i>	<i>DMX Value</i>	<i>Function</i>
1	1	000 - 255	X
	2	000-255	X-Fine
2	3	000 - 255	Y
	4	000-255	Y-Fine
	5	000 - 255	XY SPEED
3	6	000-255	Dimmer(0-100%)
4	7	000-004	Shutter closed
		005-250	Strobe effect slow to fast
		251-255	Shutter open
5	8	000-255	LED1(0-100%)
6	9	000-255	LED2(0-100%)
7	10	000-255	LED3(0-100%)
8	11	000-255	LED4(0-100%)
9	12	000-255	Focus(0-100%)
10	13	000-099	Effect Lens linear(0~60°)
		100-133	Shake from Small to Big
		134-194	Backward rotation from fast to slow
		195-255	Forward rotation from slow to fast
	14	000-007	Empty
		008-015	Red

		016-023	Amber
		024-031	Yellow warm
		032-039	Yellow
		040-047	Green
		048-055	Turquoise
		056-063	Cyan
		064-071	Blue
		072-079	Lavender
		080-087	Mauve
		088-095	Magenta
		096-103	Pink
		104-111	White 3200K
		112-119	White 5600K
		120-127	White 7200K
		128-191	Jump from slow to fast
		192-255	Fade from slow to fast
	15	000-009	Empty
		010-039	Focus auto run 1
		040-069	Focus auto run 2
		070-099	Focus auto run 3
		100-129	Focus auto run 4
		130-159	Focus auto run 5
		160-189	Focus auto run 6
		190-219	Focus auto run 7

		220-255	<i>Focus auto run 8</i>
	16	000-007	<i>Empty</i>
		008-032	<i>X/Y auto run 1</i>
		033-058	<i>X/Y auto run 2</i>
		059-084	<i>X/Y auto run 3</i>
		085-110	<i>X/Y auto run 4</i>
		111-136	<i>X/Y auto run 5</i>
		137-162	<i>X/Y auto run 6</i>
		163-188	<i>X/Y auto run 7</i>
		189-214	<i>X/Y auto run 8</i>
		215-240	<i>X/Y auto run 9</i>
		241-255	<i>X/Y Sound Control</i>
	17	250-255	<i>RESET(10S)</i>

5. Trouble shooting

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

A. The unit does not work, no light and the fan does not work

1. Check the connection of power and main fuse.
2. Measure the mains voltage on the main connector.
3. Check the power on LED.

B. Not responding to DMX controller

1. DMX LED should be on. If not, check DMX connectors, cables to see

if link properly.

2. If the DMX LED is on and no response to the channel, check the address settings and DMX polarity.
3. If you have intermittent DMX signal problems, check the pins on connectors or on PCB of the unit or the previous one.
4. Try to use another DMX controller.
5. Check if the DMX cables run near or run alongside to high voltage cables that may cause damage or interference to DMX interface circuit.

C. One of the channels is not working well

1. The stepper motor might be damaged or the cable connected to the PCB is broken.
2. The motor's drive IC on the PCB might be out of condition.

6. Fixture Cleaning

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.