
19x15w ZOOM WASH MOVING HEAD



Specification:

- Item name:ELMH-19*15-WASH
- Item Input voltage :100–240 V, 50/60 Hz
- Lamp: 19pcs 15W RGBW 4in1 LEDs
- Power consumption: 350W
- Beam angle: 8-58degree
- Dimmer: 0-100% dimming Strobe: 0~20HZ
- Control mode : Standard DMX512, Automatic and
- Master/ slave mode
- DMX channel: 16/24CH
- IP rate: IP20
- Pan rotation:540 degree Tilt rotation:240 degree
- Data in/out:3-pin XLR in&out and PowerCon in&out
- N.W.:8kgs G.w.:9.5kgs
- Dimension:32*21*38cm

1、 DMX Settings

This option is used to set the DMX communication address and channel mode. Press “Enter” to enter the setting. Press “UP” to increase the address number. Otherwise, “DOWN” to decrease the address number. After selecting the address, select the address. Press “Enter” to save and exit. The channel has 24 channels and 16 channels mode selection.

2、 Run Mode

This option is used to set the working mode of the lamp body. Press “Enter” to enter the setting. Press “UP” or “DOWN” to select the working mode. The working mode has “DMX512”, “Slow” and “Fast”. "", "Sound" and "manual", select the working mode and press "Enter" to save and exit.

DMX512: DMX mode

- **Slow:** **Auto mode slowly**
- **Fast:** **Auto mode in fast**
- **Sound** **sound control mode**
- **manual:** **manual operate**

3、 Invert PAN/TILT

This option is to reverse the direction of the X/Y axis. Press “Enter” to enter the setting. Press “UP” or “DOWN” to reverse the selection of the X/Y axis. Select “Yes” to indicate X. /Y axis is reversed. Select “NO” to indicate that the X/Y axis is not reversed. After selecting the direction, press “Enter” to save and exit.

4、 Display Set

This option is to set the LCD font backwards, Chinese and English display and backlight of the display panel. Press “Enter” to enter the setting. Press the “UP” or “DOWN” button on the LCD backlight to select the switch. Select “Yes”. ” indicates that the LCD backlight is always on and off, and “NO” means that no button operation is turned off after 20 seconds, and then turned back on when there is a button operation. After selecting the settings, press "Enter" to save and exit.

- **Invert Word**
- **English/Chinese:**
- **LCD Backlight on**

4、 Manual Set

This option is to set the parameters of the lamp body scene. Press “Enter” to enter the save and run online. The operating mode (Run Mode) of the pre-conditioner should be set to manual, which is valid only after the power is off. The next time you turn it on, you can restore the previous power-on state.

- PAN
- PANMICO
- TILT
- TILTMICO
- XY_SPEED
- ZOOM
- DIM
- STROBE
- DIM_R0
- DIM_G0
- DIM_B0
- DIM_W0
- DIM_R1
- DIM_G1
- DIM_B1
- DIM_W1
- DIM_R2
- DIM_G2
- DIM_B2
- DIM_W2
- LIGHT_CH
- SHOW_SP
- MACRO_CH

6、 Sound to Light Mode

This option is to switch the sound sensitivity of the lamp body. Press “Enter” to enter the setting. Press “UP” or “DOWN” to select the sensitivity of 0~100 level. After selecting the sensitivity, press “ Enter" save and exit.

7、 System Set

PAN Reset: Normal / Inverted

TILT Reset: Normal / Inverted

Code Settings:

When the password channel is used, the user needs to transfer the password to view and set the XY fine adjustment and lamp white balance parameters.

The number of characters in the password is four. Press “UP” or “DOWN” to enter. The factory password is “DOWN DOWN UP UP”.

- **PAN_INIT:**
- **TILT_INIT:**
- **SET_R:**
- **SET_G:**
- **SET_B:**
- **SET_W:**

8、Reset

After the user selects reset, wait for 3 seconds and the lamp will be reset.

Routine maintenance

Cleaning and maintenance

The equipment requires daily cleaning and maintenance. The service life of the equipment depends largely on the operating environment and daily cleaning and maintenance. Please disconnect the power before opening any cover.

The optical components should be lightly rubbed, the surface of the coating is very brittle, and it is easy to scratch. Do not use destructive solvents or damage the plastic or coated surface. Use a soft brush, tissue, air cleaner or pressure blower to remove dust from the fan and air vents.

DMX Table

24CH	FUNCTION	DMX Value	description
1	X	0-255	0~540 degree
2	X fine	0-255	16bit
3	Y	0-255	0~270 degree
4	Y fine	0-255	16bit
5	XY speed	0-255	0-100%
6	Zoom	0-255	
7	Dimmer	0-255	0 → 100% intensity
8	Strobe	0-3	No function
		4-95	0-100% (1HZ~25HZ)
		96-176	Random strobe
		177-255	Fast strobe
9	R1	0-255	Red 1 dimmer 0-100%
10	G1	0-255	Green 1 dimmer 0-100%
11	B1	0-255	Blue 1 dimmer 0-100%
12	W1	0-255	white 1 dimmer 0-100%
13	R2	0-255	Red 2 dimmer 0-100%
14	G2	0-255	Green 2 dimmer 0-100%
15	B2	0-255	Blue 2 dimmer 0-100%
16	W2	0-255	white 2 dimmer 0-100%
17	R3	0-255	Red 3 dimmer 0-100%
18	G3	0-255	Green 3 dimmer 0-100%
19	B3	0-255	Blue 3 dimmer 0-100%
20	W3	0-255	white 3 dimmer 0-100%
21	function	0-24	Built-in effect 1
		25-49	.....2
		50-74	.....3
		75-99	.....4
		100-124	.....5
		125-149	.....6
		150-174	.....7
		175-199	.....8
		200-224	.....9
		225-255	.....10
22	Function speed	0-255	From fast to slow
23	macro	0-49	
		50-99	Show
		100-149	Auto 1

24	Reset	150-199	Auto 2
		200-255	Sound control
		0-250	No function
		251-255	Reset(wait for 3s)

16CH	Function	DMX Value	Description
1	X	0-255	0~540
2	X Fine	0-255	16bit
3	Y	0-255	0~270 degree
4	Y Fine	0-255	16bit
5	XY speed	0-255	From fast to slow
6	Dimmer	0-255	0-100%
7	Strobe	0-3	No function
		4-95	Strobe (1HZ~25HZ)
		96-176	Random strobe
		177-255	Fast strobe
8	R	0-255	Red dimmer 0-100%
9	G	0-255	Green dimmer 0-100%
10	B	0-255	Blue dimmer 0-100%
11	W	0-255	White dimmer 0-100%
12	zoom	0-255	
13	function	0-24	Built-in effect 1
		25-49	.....2
		50-74	.....3
		75-99	.....4
		100-124	.....5
		125-149	.....6
		150-174	.....7
		175-199	.....8
		200-224	.....9
		225-255	.....10
14	Function speed	0-255	From fast to slow
15	macro	0-49	
		50-99	Show
		100-149	Auto 1
		150-199	Auto 2
		200-255	Sound control
16	Reset	0-250	No function
		251-255	Reset(wait for 3s)