7*40W ZOOM BEAM WASH MOVING HEAD
Operation Manual

Dear User, please read the manual carefully before you use our light machine

BRIGHTSUN

Product technical parameters:

Voltage: AC90-240v
Power: 350w
Frequency: 50-60Hz
Lamp beads: 7x40w OSRAM 4-in-1 LED beads
Channel: 17CH
Control mode: DMX/master-slave/voice control
Horizontal scan: 540 degrees
Vertical scan: 270 degrees
Strobe: 1-25 times/sec or random
Display: LCD/English WQERFWSFRF
Net weight: 6.5kg

1. DMX   Settings

This option is used to set the DMX mailing address and channel setting, press " Enter" to start setting, the address presses the "UP" key to increase the address number, the opposite "DOWN" key can decrease the address number, select the address and press " Enter" saves the exit. There are 17 Channels for selection.

2. Run Mode

This option is used to set the working mode of the lamp body, press the "Enter" key to enter the setting, press the "UP" key or the "DOWN" key to select the working mode, and the working mode is in turn "DMX512", "Slow", "Fast", "Sound", "manual", select the working mode and press " Enter" saves the exit.

DMX512:   light console control
Slow: slow auto run
Fast: fast auto run
Sound: sound auto run
manual: manual operation, can do scenes setting, can do light machines connection

3. Invert Pan\Invert Tilt

This option is to reverse the X/Y axis direction, press the "Enter" key to enter the settings, press the "UP" key or "DOWN" Key to select whether the X/Y axis is reversed, "Yes" indicates that the X/Y axis is reversed, and "NO." Indicates that the X/Y axis is not reversed, select the direction and press "Enter" to save and exit.

4. Display Set

This option is for display font, language and the LCD backlight light settings, press the "Enter" key to enter the settings, press the "UP" key or "DOWN" key to switch the LCD backlight, select

"Yes" means that the LCD backlight switch on long time, select "NO"L means that LCD backlight will switch off after 20 seconds if there is no operation. Press "Enter" to save and exit.

Invert   Word: font backwards
English/Chinese: change language
LCD Backlight on: LCD backlight start to set

5. Manual Set

This option is for light sences parameter to set, press "Enter" can start to save, or start to connect other lights. Light must be at Run Mode and Manual setting. After power off, light will save this working status and keep it for next power on.

6. Sound Sence

This option is for sound control sensitivity setting, press "Enter" to start, press the "UP" key or "DOWN" Key to set it from 0~100. After you select the vaule, press "Enter" to save.

7. System Set

System Information：

> The version: V1 software version

> **Default Settings:** reset factory setting

> **Code Settings:**   password set

When you start to passwod set, you need to enter password to check and set pan/tilt fine or led Parameter.
Password is "DOWN-DOWN-UP-UP"

> **PAN_INIT:**   **pan fine**
> **TILT_INIT:**   **tilt fine**
> **ZOOM_INIT:**   **zoom fine**
> **SET_R:**   **red current**
> **SET_G:**   **green current**
> **SET_B:**   **blue current**
> **SET_W:**   **white current**

8. Reset

This option is for resent. The light will reset after 3 seconds, after you select this function.

17 Channels	Function	DMX Value	Description
1	X-axis	0-255	0 ~ 540 degrees
2	X-axis fine-tuning	0-255	16bit adjustable
3	Y-axis	0-255	0 ~ 270 degrees
4	Y-axis fine-tuning	0-255	16bit adjustable
5	XY speed	0-255	XY axis (horizontal, vertical) speed from fast to slow
6	Zoom	0-255	Zoom out the light from near to far
7	Total dimming	0-255	Linear dimming from dark to light
8	Strobe	0-9	No functionality
		10-154	Synchronous strobe speed from slow to fast (1HZ ~ 25HZ).
		155-204	Random strobe
		205-255	Lightning stroboscopic
9	LED1Red dimming	0-255	Area 1 red dimming from dark to light
10	LED1Green dimming	0-255	Area 1 green dimming from dark to light
11	LED1Blue dimming	0-255	Area 1 blue dimming from dark to light
12	LED1White dimming	0-255	Area 1 white dimming from dark to light
13	Priority 3: COT color temperature	0-9	No functionality
		10-255	10000K-2500K
14	Priority 2: Color effect	0-9	No functionality
		10-19	Built-in color effect 1
		20-29	Built-in color effect 2
		30-39	Built-in color effect 3
		40-49	Built-in color effect 4
		50-59	Built-in color effect 5
		60-69	Built-in color effect 6
		70-79	Built-in color effect 7
		80-89	Built-in color effect 8
		90-99	Built-in color effect 9
		100-109	Built-in color effect 10
		110-119	Built-in color effect 11
		120-129	Built-in color effect 12
		130-139	Built-in color effect 13
		140-149	Built-in color effect 14
		150-159	Built-in color effect 15
		160-169	Built-in color effect 16
		170-179	Built-in color effect 17

		180-189	Built-in color effect 18
		190-199	Built-in color effect 19
		200-209	Built-in color effect 20
		210-224	Color jumping chanage effect display (built-in effect)
		225-239	Color pulse change effect display (built-in effect).
		240-255	Color fading change effect display (built-in effect)
15	Priority 1: Dynamic effects	0-9	No functionality
		10-33	Built-in dynamic effect 1
		34-57	Built-in dynamic effects2
		58-81	Built-in dynamic effects 3
		82-105	Built-in dynamic effects 4
		106-129	Built-in dynamic effects 5
		130-153	Built-in dynamic effects6
		154-177	Built-in dynamic effects7
		178-201	Built-in dynamic effects8
		202-225	Built-in dynamic effects9
		226-255	Built-in dynamic effects 10
16	Light effect speed	0-255	From fast to slow
17	Reset	0-239	No functionality
		240-250	Lamp body reset, 3s effective.
		251-255	No functionality

Routine maintenance

Cleaning and maintenance

The equipment requires daily cleaning and maintenance, and the service life of the equipment depends largely on the operating environment and daily cleaning and maintenance, and the power supply is cut off before any lid is opened

Optical parts should be lightly rubbed, the coating surface is brittle, easy to scratch, do not use destructive solvents otherwise it will damage the plastic or coated surface. Remove dust from fans and air holes with a soft brush, tissue paper, air cleaner or pressure dryer.