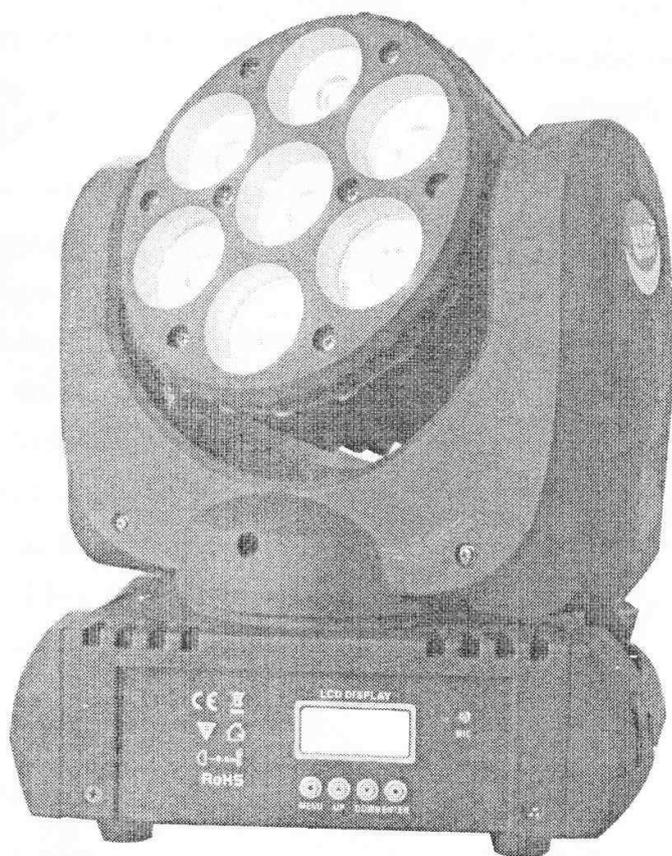


7x12W Quad LED Moving Beam

User Manual



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1. Product Characteristics

- ◆ TFT LCD display, nice interface enhance the profile class
- ◆ Dual language in the operation menu, and the end user can set by different demand.
- ◆ 16bit dimming software, the effect become much softer and no shake. Software bright grade: 655536
- ◆ Master-slave control condition, any led moving beam can be the master, when disconnect the DMX512 signal, the other can be the slave ones. And following the actions.

2. Technical parameters

- ◆ **Input Voltage:** AC110V-240V, 50HZ-60HZ
- ◆ **Rated Power:** 160W
- ◆ **Color mixing:** RGBW mixing, 167million kinds.
- ◆ **Channel number:** 16/39 channel for optional
- ◆ **Y Axis/X Axis:** 240°/ 540°
- ◆ **Net weight:** 5.2KG
- ◆ **Gross weight:** 6.2KG
- ◆ **Products Size:** 33cmx25cmx48cm
- ◆ **Carton size:** 52cmx35cmx50.5cm

3. Menu description

	English menu	Description
1	DMX-MODE CH16	Press "up" and "down" bottom to select channel mode,, then enter and save,16/39 channel for optional
2	DMX-ADR001	Press "up" and "down" bottom to adjust DMX512

		address, then enter and save
3	ADJ—R255	Press "up" and "down" bottom to adjust brightness of color red (value 0~255), then enter and save
4	ADJ—G255	Press "up" and "down" bottom to adjust brightness of color green (value 0~255), then enter and save
5	ADJ-B255	Press "up" and "down" bottom to adjust brightness of color blue (value 0~255), then enter and save
6	ADJ-W255	Press "up" and "down" bottom to adjust brightness of color white (value 0~255), then enter and save
7	PROGRAM001	Press "up" and "down" bottom to choose built in program, then enter and save
8	SPEED16	Press "up" and "down" bottom to choose built-in program speed, then enter and save
9	TEST MODE	Press "up" and "down" bottom to choose sound activate and auto run control method
10	SLAVE ON	After Setting master-salve control method, the display indicator DIP LED will be in on condition, if not enter and save, the DIP LED will flash.
11	RESET?	Please press the enter to reset

4. Channels and function

16 channels

Channels	Function	Value and description
1	X Axis Movement	0~255 Clockwise movement
		255~0 anticlockwise Movement
2	Y Axis Movement	0~255 Clockwise movement
		255~0 anticlockwise Movement
3	X Axis Fine	0~255 Clockwise movement
		255~0 anticlockwise Movement
4	Y Axis Fine	0~255 Clockwise movement
		255~0 anticlockwise Movement

5	Speed of X Axis and Y Axis Step motor speed	0~255 slowest speed to Max Speed
6	Master Dimming	R, G, B, W master dimming, linearity dimming(16bit) 0~255 from dark to bright
7	Master Strobe	R, G, B, W master strobe, 0~255 from slow to the max speed
8	Red Dimming	0~255 Red dimming from dark to bright
9	Green Dimming	0~255 Green dimming from dark to bright
10	Blue Dimming	0~255 Blue dimming from dark to bright
11	White Dimming	0~255 White dimming from dark to bright
12	Color changing	0-255 color change (0-20:R+G++; 21-40:R+B++; 41-60:G+R++; 61-80:G+B++; 81-100:B+G++; 101-120:R+G+B++; 121-140:R+B+G++; 141-160:B+G+R++; 161-200:R+B+G++; 201-220:B+G+R++; 221-255:R+B+G++)
13	7 pcs LEDs separately controlled	0-20 7pcs LED full on 21-50 the 1 st LED on 51-80 the 2 nd LED on 81-110 the 3 rd LED on 111-150 the 4 th LED on 151-180 the 5 th LED on 181-210 the 6 th LED on 211-255 the 7 th LED on

14	Built-in Program	0~75 Channel 1 to Channel 13 function When DMX value more than 75, there is one built-in program per 10 values.
15	Built-in Program Speed	0~255 max speed(0) to the slowest(255)
16	Reset, Auto run and Sound Activated	DMX 512 value do not change in 10 seconds, the fixture will executive program.
		0~64 no function
		65~128 Auto run
		129~192 Sound Activated
		193~255 Reset

39 CHs

Channels	Function	Value and description
1	X Axis Movement	0~255 Clockwise movement
		255~0 anticlockwise Movement
2	Y Axis Movement	0~255 Clockwise movement
		255~0 anticlockwise Movement
3	X Axis Fine	0~255 Clockwise movement
		255~0 anticlockwise Movement
4	Y Axis Fine	0~255 Clockwise movement
		255~0 anticlockwise Movement
5	Speed of X Axis and Y Axis Step motor speed	0~255 slowest speed to Max Speed
6	Master Dimming	R, G, B, W master dimming, linearity dimming(16bit)
7	Master Strobe	R, G, B, W master strobe, 0~255 from slow to the max speed
8	Red 1 Dimming	0~255 Red dimming from dark to bright
9	Green 1 Dimming	0~255 Green dimming from dark to bright
10	Blue 1 Dimming	0~255 Blue dimming from dark to bright
11	White 1 Dimming	0~255 White dimming from dark to bright
12	Red 2 Dimming	0~255 Red dimming from dark to bright

13	Green 2 Dimming	0~255 Green dimming from dark to bright
14	Blue 2 Dimming	0~255 Blue dimming from dark to bright
15	White 2 Dimming	0~255 White dimming from dark to bright
16	Red 3 Dimming	0~255 Red dimming from dark to bright
17	Green 3 Dimming	0~255 Green dimming from dark to bright
18	Blue 3 Dimming	0~255 Blue dimming from dark to bright
19	White 4 Dimming	0~255 White dimming from dark to bright
20	Red 4 Dimming	0~255 Red dimming from dark to bright
21	Green 4 Dimming	0~255 Green dimming from dark to bright
22	Blue 4 Dimming	0~255 Blue dimming from dark to bright
23	White 4 Dimming	0~255 White dimming from dark to bright
24	Red 5 Dimming	0~255 Red dimming from dark to bright
25	Green 5 Dimming	0~255 Green dimming from dark to bright
26	Blue 5 Dimming	0~255 Blue dimming from dark to bright
27	White 5 Dimming	0~255 White dimming from dark to bright
28	Red 6 Dimming	0~255 Red dimming from dark to bright
29	Green 6 Dimming	0~255 Green dimming from dark to bright
30	Blue 6 Dimming	0~255 Blue dimming from dark to bright
31	White 6 Dimming	0~255 White dimming from dark to bright
32	Red 7 Dimming	0~255 Red dimming from dark to bright
33	Green 7 Dimming	0~255 Green dimming from dark to bright
34	Blue 7 Dimming	0~255 Blue dimming from dark to bright
35	White 7 Dimming	0~255 White dimming from dark to bright

36	Color changing	0-255 color change (0-20:R+G++; 21-40:R+B++; 41-60:G+R++; 61-80:G+B++; 81-100:B+G++; 101-120:R+G+B++; 121-140:R+B+G++; 141-160:B+G+R++; 161-200:R+B+G++; 201-220:B+G+R++; 221-255:R+B+G++)
37	Built-in Program	0~75 Channel 1 to Channel 36 function When DMX value more than 75, there is one built-in
38	Built-in Program Speed	0~255 max speed(0) to the slowest(255)
39	Reset, Auto run and Sound Activated	DMX 512 value do not change in 10 seconds, the
		0~64 no function
		65~128 Auto run
		129~192 Sound Activated
		193~255 Reset

5. Matters and Attention

FOQ:

- ◆ When the motor cannot reset as usual, please check X & Y Axis motor PCB and LCD PCB in the correct condition.
- ◆ When correct reset, X& Y Axis motor direction has to be the same as Opt coupler. Or please exchange the step motor cable, and make sure not be reversed.
- ◆ When you want to change the motor direction, please check the optical coupler directions, too. Then it will promise correct reset.
- ◆ When master-slave control method, please disconnect the DMX512 signal. Or the slave ones cannot receive the signal from the master fixture.
- ◆ When LCD broke, please set LCD off in senior setting, the fixture will work as usual.