

10x40w RGBW led bar light



USER MANUAL

Thank you very much for choosing our product. For safety purpose, please read this manual carefully before your operation. This manual included installation and using information. Please install and operate it according to this manual.

1. Product

1.1 Product introduction

This product is designed for indoor use. Suitable applications include wash or effect lighting for architectural, stage or nightclub applications. This product can also be installed for use in signage and advertising using the dynamic functions available with DMX512 control. Direct input of DMX512 signal allows the units to be controlled from any DMX512 controller. This product can be operated as a single unit or in multiple units for large applications.

1.2 Technical Specifications

Voltage: AC90-240V, 50/60Hz

Power: 400W

Light Source: 10 pcs RGBW 4in1 ultra bright LED

Lifespan: around 50,000-100,000 hours

Control: DMX 512, 7/13/43 channels

Control mode: DMX 512, Auto mode, Master/Slave, Sound active

Beam angle: 2 °

Display: Digital screen

Power socket: powercon in and out

DMX socket: dmx in and out

Strobe : 1-25 times /second or random

Tilt angle : 270 degree

2. Menu



Menu: function

Up: increase

Down: decrease

Enter: Confirm and save

Press menu button, after power on. Menu functions will show in sequence. ; press the up or down key to change functional parameters, and press Enter key to save the current function and parameters (Have memory function after saving)

Menu table:

A001	➔	A512	(A001~A512) address code setting
CH7	➔	CH43	Press up and down button to select CH7、CH13、CH43 channels, press enter to save
M000	➔	M126	127 built in effects, press up and down to change built in effects, press enter to save
S000	➔	S255	Press up and down button to change speed of built in effects (S000~ S255) , press enter to

			save。
R255	➡	R000	Press up and down button to change brightness of red (R000~ R255) , press enter to save.
G255	➡	G000	Press up and down button to change brightness of Green (G000~ G255) , press enter to save.
B255	➡	B000	Press up and down button to change brightness of Blue (B000~ B255) , press enter to save.
W255	➡	W000	Press up and down button to change brightness of White (W000~W255) , press enter to save.
Soud	➡	Soud	Sound mode
M000	➡	M255	Press up and down to cange the motor data of Tilt (M000~ M255) , press enter to save.
T000	➡		Temperature display, if shows T045 means current temperature of the ligh is 45℃

3.Master Slave control

Two or the same lights are connected by DMX cable. All the lights are set to address code of A001 ~ A512, Set one as master, rest lighs will be slaves. Control master light, all the slave lights will follow .

Attention: 1. A set of lights can only set one Master. If there are multiple master, all lights will flash and do not synchronize.

3. All lights work in master-slave mode,when disconnected with dmx controller.

4. Factory setting

When in address code from A001-A512, press menu button for 5 seconds will get in factory setting page. After setting, press menu button for 5 seconds to exit.

R255	➡	R032	press Up or Down button to change the electrical current of red (R032-R255) , press Enter to save.
G255	➡	G032	press Up or Down button to change the electrical current of Green (G032-G255) , press Enter to save
B255	➡	B032	press Up or Down button to change the electrical current of Blue (B032-B255) , press Enter to save
W255	➡	W032	press Up or Down button to change the electrical current of White (W032-W255) , press Enter to save
M000	➡	M255	press Up or Down button to change Speed of Tilt motor (M000~ M255) press Enter to save
FAN0	➡	FAN1	Fan setting: FAN0 (Fan start when power on) , FAN1 (Fan start when reached certain temperature , press enter to save.
T040	➡	T070	Up and down to change the temperature data (40°C ~70°C) , press enter to save.
Send	➡	Send	Press up and down to send the factory setting of this light to other lights that connected by dmx cables, If confirm to send data press menu button for 5 seconds then exit, if negate data press enter to cancel)

5. Dmx channel table

7 channels,13 channels,43 channels

CH7 channel mode:

Channel	Value	Function
1	000-255	Tilt
2	000-255	Tilt speed
3	000-255	Red dimming
4	000-255	Green dimming
5	000-255	Blue dimming
6	000-255	White dimming
7	000-255	Reset: light will reset when value in 155-255, if control by controller ,need to put the value under 10, then put 150-255 then will reset. 0-149 : No function.

CH13 channel mode:

Channel	Value	Function
1	000-255	Tilt
2	000-255	Tilt speed
3	000-255	Total dimmer
4	000-255	Strobe
5	000-255	Red dimming

6	000-255	Green dimming
7	000-255	Blue dimming
8	000-255	White dimming
9	000-255	Effect modes
10	000-255	Speed
11	000-255	background color
12	000-255	Background color dimming
13	000-255	Reset: light will reset when value in 155-255, if control by controller ,need to put the value under 10, then put 150-255 then will reset. 0-149 : No function.

CH43 Channel mode:

Channel	Value	Function
1	000-255	Tilt
2	000-255	Tilt speed
3	000-255	Red 1 dimming
4	000-255	Green 1 dimming
5	000-255	Blue 1 dimming
6	000-255	White 1 dimming
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39	000-255	Red 10 dimming
40	000-255	Green 10 dimming
41	000-255	Blue 10 dimming
42	000-255	White 10 dimming
43	000-255	Reset: light will reset when value in 155-255, if control by controller ,need to put the value under 10, then put 150-255 then will reset.

		0-149 : No function.
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6.Effect modes

Value	Mode	Effect
0-1	0	Empty
2-3	1	Effect 1
4-5	2	Effect 2
6-7	3	Effect 3
8-9	4	Effect 4 (color select, front/background color adjustable)
10-11	5	Effect 5
12-13	6	Effect 6 (color select, front/background color adjustable)
14-15	7	Effect 7
16-17	8	Effect 8 (color select, front/background color adjustable)
18-19	9	Effect 9
20-21	10	Effect 10 (color select, front/background color adjustable)
22-23	11	Effect 11
24-25	12	Effect 12 (color select, front/background color adjustable)
26-27	13	Effect 13
28-29	14	Effect 14 (color select, front/background color adjustable)
30-31	15	Effect 15
32-33	16	Effect 16 (color select, front/background color adjustable)

34-35	17	Effect 17
36-37	18	Effect 18 (color select, front/background color adjustable)
38-39	19	Effect 19
40-41	20	Effect 20 (color select, front/background color adjustable)
42-43	21	Effect 21
44-45	22	Effect 22 (color select, front/background color adjustable)
46-47	23	Effect 23
48-49	24	Effect 24 (color select, front/background color adjustable)
50-51	25	Effect 25
52-53	26	Effect 26 (color select, front/background color adjustable)
54-55	27	Effect 27
56-57	28	Effect 28 (color select, front/background color adjustable)
58-59	29	Effect 29
60-61	30	Effect 30 (color select, front/background color adjustable)
62-63	31	Effect 31
64-65	32	Effect 32 (color select, front/background color adjustable)
66-67	33	Effect 33
68-69	34	Effect 34 (color select, front/background color adjustable)
70-71	35	Effect 35
72-73	36	Effect 36 (color select, front/background color

		adjustable)
74-75	37	Effect 37
76-77	38	Effect 38 (color select, front/background color adjustable)
78-79	39	Effect 39
80-81	40	Effect 40 (color select, front/background color adjustable)
82-83	41	Effect 41
84-85	42	Effect 42 (color select, front/background color adjustable)
86-87	43	Effect 43
88-89	44	Effect 44 (color select, front/background color adjustable)
90-91	45	Effect 45
92-93	46	Effect 46 (color select, front/background color adjustable)
94-95	47	Effect 47
96-97	48	Effect 48 (color select, front/background color adjustable)
98-99	49	Effect 49
100-101	50	Effect 50 (color select, front/background color adjustable)
102-103	51	Effect 51
104-105	52	Effect 52 (color select, front/background color adjustable)
106-107	53	Effect 53
108-109	54	Effect 54 (color select, front/background color adjustable)
110-111	55	Effect 55

112-113	56	Effect 56 (color select, front/backgroud color adjustable)
114-115	57	Effect 57
116-117	58	Effect 58 (color select, front/backgroud color adjustable)
118-119	59	Effect 59
120-121	60	Effect 60 (选色, 前, 背景色可调)
122-123	61	Effect 61
124-125	62	Effect 62 (选色, 前, 背景色可调)
126-127	63	Effect 63
128-129	64	Effect 64 (选色, 前, 背景色可调)
130-131	65	Effect 65
132-133	66	Effect 66 (选色, 前, 背景色可调)
134-135	67	Effect 67
136-137	68	Effect 68 (选色, 前, 背景色可调)
138-139	69	Effect 69
140-141	70	Effect 70 (选色, 前, 背景色可调)
142-143	71	Effect 71
144-145	72	Effect 72 (选色, 前, 背景色可调)
146-147	73	Effect 73
148-149	74	Effect 74 (color select, front/backgroud color adjustable)
150-151	75	Effect 75
152-153	76	Effect 76 (color select, front/backgroud color adjustable)
154-155	77	Effect 77
156-157	78	Effect 78 (color select, front/backgroud color adjustable)
158-159	79	Effect 79

160-161	80	Effect 80 (color select, front/backgroud color adjustable)
162-163	81	Effect 81
164-165	82	Effect 82 (color select, front/backgroud color adjustable 调)
166-167	83	Effect 83
168-169	84	Effect 84 (color select, front/backgroud color adjustable)
170-171	85	Effect 85
172-173	86	Effect 86 (color select, front/backgroud color adjustable)
174-175	87	Effect 87
176-177	88	Effect 88 (color select, front/backgroud color adjustable)
178-179	89	Effect 89
180-181	90	Effect 90 (color select, front/backgroud color adjustable)
182-183	91	Effect 91
184-185	92	Effect 92 (color select, front/backgroud color adjustable)
186-187	93	Effect 93
188-189	94	Effect 94
190-191	95	Effect 95
192-193	96	Effect 96
194-195	97	Effect 97
196-197	98	Effect 98
198-199	99	Effect 99
200-201	100	Effect 100
202-203	101	Effect 101

204-205	102	Effect 102
206-207	103	Effect 103
208-209	104	Effect 104
210-211	105	Effect 105
212-213	106	Effect 106
214-215	107	Effect 107
216-217	108	Effect 108
218-219	109	Effect 109
220-221	110	Effect 110
222-223	111	Effect 111
224-225	112	Effect 112
226-227	113	Effect 113
228-229	114	Effect 114
230-231	115	Effect 115
232-233	116	Effect 116
234-235	117	Comprehensive Effect
236-237	118	Effect 118
238-239	119	Effect 119
240-241	120	Effect 120
242-243	121	Effect 121
244-245	122	Effect 122
246-247	123	Effect 123
248-249	124	Effect 124
250-251	125	Effect 125
252-253	126	Effect 126
254-255	127	Effect 127

5. Maintenance

The cleaning of internal 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 fixture'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 – Up to vary products.

Please ask professional technical to clean waterproof products and make sure the fixture will be reassembled well for waterproof.