

# 12X40W RGBW PIXEL & ZOOM +144X0.3W RGB LED MOVING BAR LIGHT USER MANUAL



## 1. Definition of display panel and buttons



**Menu key: select function**

**Up key: parameter increment**

**Down key: parameter decrement**

**Confirm key: Confirm and save**

## 2. Menu

Power on, press the menu key, enter the main menu (main menu interface without operation after 30 seconds to exit), select the function, choose the function by up or down key, confirm the key to modify the menu of the functional parameters, modify and then press the confirmation key to save the current functional parameters (save with power-down memory).

Menu	Function	Description
System setting	DMX ADD	001-512
	Code	Press up or down to set the code
	Y opposite moving	Press up or down to set the moving
	Advanced setting	
Control mode	Mode	DMX/sound/auto
	DMX channel	CH26,CH38,CH62,CH74,CH194
Manual setting	Y	000-255
	Y fine	000-255。
	Y speed	000-255
	Zoom	000-255
	Dimmer	000-255
	A strobe	000-255
	A red	000-255
	A green	000-255
	A blue	000-255
	A white	000-255
	A mode	000-255
	A speed	000-255
	A background color	000-255
A dimmer of	000-255	

	background		
	B strobe	000-255	
	B red	000-255	
	B green	000-255	
	B blue	000-255	
	B white	000-255	
	B mode	000-255	
	B speed	000-255	
	B background color	000-255	
	B dimmer of background	000-255	
	A strobe	000-255	
	A red	000-255	
	Reset	Yes/No	
	Display setting	Language	Chines/English (CN/EN)
Backward display		Yes/No	
Screen protection		Yes/No	
Software version		069C(Program identifier, not modifiable)	
Factory setting	Enter password! Modify up or down to 138, then press the confirmation button to enter the factory settings.	Y adjustment	000-255
		Zoom 1	000-255
		Zoom 2	000-255
		Zoom schedule	000-255
		Red	032-255
		Green	032-255
		Blue	032-255
		White	032-255
		LED Num	000 /0012
		Current	000 /007
		Speed	000 /007
		LOGO	000 /001
		Temperature	40-70
		Fan temperature	Up/down
LED direction	LEDA/LEDB		
ETO	ETO		

### 3.Master slave control

Two or more identical lighting fixtures are connected with a three core signal wire using a DMA. All lighting fixtures are set to any address code from A001 to A512, with any one set as the host and the other lighting fixtures as the slave; When using the host to adjust the gradient, pulse, jump, voice control, dimming, and self-propelled effects, all slaves synchronize the gradient, pulse, jump, voice control, dimming, and self-propelled effects.

Special note:

1. Only one host can be set for a group of lighting fixtures. If there are multiple hosts, all lighting fixtures will flash randomly and not synchronize.
2. All lighting fixtures must be functional when the DMX512 console is turned off.

## 4. DMX channel

### CH26

CH	Value	Function
1	000-255	Y moving
2	000-255	Y fine
3	000-255	Y speed
4	000-255	ZOOM
5	000-255	Dimmer
6	000-255	Strobe of 12 leds
7	000-255	Red of 12 leds
8	000-255	Green of 12 leds
9	000-255	Blue of 12 leds
10	000-255	White of 12 leds
11	000-255	Auto effect of 12 leds
12	000-255	Auto speed
13	000-255	Background color
14	000-255	Dimmer of background color
15	000-255	Strobe of 144 leds
16	000-255	Red of 144 leds
17	000-255	Green of 144 leds
18	000-255	Blue of 144 leds
19	000-255	White of 144 leds
20	000-255	Yellow of 144 leds
21	000-255	Auto effect of 144 leds
22	000-255	Auto speed
23	000-255	144 leds direction
24	000-255	Background color
25	000-255	Dimmer of background color
26	000-255	Resetting

### CH38

CH	Value	Function
1	000-255	Y moving
2	000-255	Y fine
3	000-255	Y speed
4	000-255	ZOOM
5	000-255	Dimmer
6	000-255	Strobe of 12 leds
7	000-255	Red of 12 leds
8	000-255	Green of 12 leds
9	000-255	Blue of 12 leds
10	000-255	White of 12 leds
11	000-255	Auto effect of 12 leds

12	000-255	Auto speed
13	000-255	Background color
14	000-255	Dimmer of background color
15	000-255	Strobe of 144 leds
16	000-255	Red of 144 leds
17	000-255	Green of 144 leds
18	000-255	Blue of 144 leds
19	000-255	White of 144 leds
20	000-255	Yellow of 144 leds
21	000-255	Auto effect of 144 leds
22	000-255	Auto speed
23	000-255	144 leds direction
24	000-255	Background color
25	000-255	Dimmer of background color
26	000-255	Resetting
27	000-255	LED1 of 12 leds
28	000-255	LED2 of 12 leds
29	000-255	LED3 of 12 leds
30	000-255	LED4 of 12 leds
31	000-255	LED5 of 12 leds
32	000-255	LED6 of 12 leds
33	000-255	LED7 of 12 leds
34	000-255	LED8 of 12 leds
35	000-255	LED9 of 12 leds
36	000-255	LED10 of 12 leds
37	000-255	LED11 of 12 leds
38	000-255	LED12 of 12 leds

## CH62

CH	Value	Function
1	000-255	Y moving
2	000-255	Y fine
3	000-255	Y speed
4	000-255	ZOOM
5	000-255	Dimmer
6	000-255	Strobe of 12 leds
7	000-255	Red of 12 leds
8	000-255	Green of 12 leds
9	000-255	Blue of 12 leds
10	000-255	White of 12 leds
11	000-255	Auto effect of 12 leds
12	000-255	Auto speed
13	000-255	Background color
14	000-255	Dimmer of background color
15	000-255	Strobe of 144 leds
16	000-255	Red of 144 leds

17	000-255	Green of 144 leds
18	000-255	Blue of 144 leds
19	000-255	White of 144 leds
20	000-255	Yellow of 144 leds
21	000-255	Auto effect of 144 leds
22	000-255	Auto speed
23	000-255	144 leds direction
24	000-255	Background color
25	000-255	Dimmer of background color
26	000-255	Resetting
27	000-255	LED1 of 12 leds
28	000-255	LED2 of 12 leds
29	000-255	LED3 of 12 leds
30	000-255	LED4 of 12 leds
31	000-255	LED5 of 12 leds
32	000-255	LED6 of 12 leds
33	000-255	LED7 of 12 leds
34	000-255	LED8 of 12 leds
35	000-255	LED9 of 12 leds
36	000-255	LED10 of 12 leds
37	000-255	LED11 of 12 leds
38	000-255	LED12 of 12 leds
39	000-255	Section 1 of 144 leds
40	000-255	Section 2 of 144 leds
41	000-255	Section 3 of 144 leds
42	000-255	Section 4 of 144 leds
43	000-255	Section 5 of 144 leds
44	000-255	Section 6 of 144 leds
45	000-255	Section 7 of 144 leds
46	000-255	Section 8 of 144 leds
47	000-255	Section 9 of 144 leds
48	000-255	Section 10 of 144 leds
49	000-255	Section 11 of 144 leds
50	000-255	Section 12 of 144 leds
51	000-255	Section 13 of 144 leds
52	000-255	Section 14 of 144 leds
53	000-255	Section 15 of 144 leds
54	000-255	Section 16 of 144 leds
55	000-255	Section 17 of 144 leds
56	000-255	Section 18 of 144 leds
57	000-255	Section 19 of 144 leds
58	000-255	Section 20 of 144 leds
59	000-255	Section 21 of 144 leds
60	000-255	Section 22 of 144 leds
61	000-255	Section 23 of 144 leds
62	000-255	Section 24 of 144 leds

**CH74**

<b>CH</b>	<b>Value</b>	<b>Function</b>
1	000-255	Y moving
2	000-255	Y fine
3	000-255	Y speed
4	000-255	ZOOM
5	000-255	Dimmer
6	000-255	Strobe of 12 leds
7	000-255	Red of 12 leds
8	000-255	Green of 12 leds
9	000-255	Blue of 12 leds
10	000-255	White of 12 leds
11	000-255	Auto effect of 12 leds
12	000-255	Auto speed
13	000-255	Background color
14	000-255	Dimmer of background color
15	000-255	Strobe of 144 leds
16	000-255	Red of 144 leds
17	000-255	Green of 144 leds
18	000-255	Blue of 144 leds
19	000-255	White of 144 leds
20	000-255	Yellow of 144 leds
21	000-255	Auto effect of 144 leds
22	000-255	Auto speed
23	000-255	144 leds direction
24	000-255	Background color
25	000-255	Dimmer of background color
26	000-255	Resetting
27	000-255	Red 1 of 12 leds
28	000-255	Green 1 of 12 leds
29	000-255	Blue 1 of 12 leds
30	000-255	White 1 of leds
31	000-255	Red 2 of 12 leds
32	000-255	Green 2 of 12 leds
33	000-255	Blue 2 of 12 leds
34	000-255	White 2 of leds
35	000-255	Red 3 of 12 leds
36	000-255	Green 3 of 12 leds
37	000-255	Blue 3 of 12 leds
38	000-255	White 3 of leds
39	000-255	Red 4 of 12 leds
40	000-255	Green 4 of 12 leds
41	000-255	Blue 4 of 12 leds
42	000-255	White 4 of leds
43	000-255	Red 5 of 12 leds

44	000-255	Green 5 of 12 leds
45	000-255	Blue 5 of 12 leds
46	000-255	White 5 of leds
47	000-255	Red 6 of 12 leds
48	000-255	Green 6 of 12 leds
49	000-255	Blue 6 of 12 leds
50	000-255	White 6 of leds
51	000-255	Red 7 of 12 leds
52	000-255	Green7 of 12 leds
53	000-255	Blue 7 of 12 leds
54	000-255	White 7 of leds
55	000-255	Red 8 of 12 leds
56	000-255	Green 8 of 12 leds
57	000-255	Blue 8 of 12 leds
58	000-255	White 8 of leds
59	000-255	Red 9 of 12 leds
60	000-255	Green 9 of 12 leds
61	000-255	Blue 9 of 12 leds
62	000-255	White 9 of leds
63	000-255	Red 10 of 12 leds
64	000-255	Green 10 of 12 leds
65	000-255	Blue 10 of 12 leds
66	000-255	White 10 of leds
67	000-255	Red 11 of 12 leds
68	000-255	Green 11 of 12 leds
69	000-255	Blue 11 of 12 leds
70	000-255	White 11 of leds
71	000-255	Red 12 of 12 leds
72	000-255	Green 12 of 12 leds
73	000-255	Blue 12 of 12 leds
74	000-255	White 12 of leds

#### CH194

CH	Value	Function
1	000-255	Y moving
2	000-255	Y fine
3	000-255	Y speed
4	000-255	ZOOM
5	000-255	Dimmer
6	000-255	Strobe of 12 leds
7	000-255	Red of 12 leds
8	000-255	Green of 12 leds
9	000-255	Blue of 12 leds
10	000-255	White of 12 leds

11	000-255	Auto effect of 12 leds
12	000-255	Auto speed
13	000-255	Background color
14	000-255	Dimmer of background color
15	000-255	Strobe of 144 leds
16	000-255	Red of 144 leds
17	000-255	Green of 144 leds
18	000-255	Blue of 144 leds
19	000-255	White of 144 leds
20	000-255	Yellow of 144 leds
21	000-255	Auto effect of 144 leds
22	000-255	Auto speed
23	000-255	144 leds direction
24	000-255	Background color
25	000-255	Dimmer of background color
26	000-255	Resetting
27	000-255	Red 1 of 12 leds
28	000-255	Green 1 of 12 leds
29	000-255	Blue 1 of 12 leds
30	000-255	White 1 of leds
31	000-255	Red 2 of 12 leds
32	000-255	Green 2 of 12 leds
33	000-255	Blue 2 of 12 leds
34	000-255	White 2 of leds
35	000-255	Red 3 of 12 leds
36	000-255	Green 3 of 12 leds
37	000-255	Blue 3 of 12 leds
38	000-255	White 3 of leds
39	000-255	Red 4 of 12 leds
40	000-255	Green 4 of 12 leds
41	000-255	Blue 4 of 12 leds
42	000-255	White 4 of leds
43	000-255	Red 5 of 12 leds
44	000-255	Green 5 of 12 leds
45	000-255	Blue 5 of 12 leds
46	000-255	White 5 of leds
47	000-255	Red 6 of 12 leds
48	000-255	Green 6 of 12 leds
49	000-255	Blue 6 of 12 leds
50	000-255	White 6 of leds
51	000-255	Red 7 of 12 leds
52	000-255	Green7 of 12 leds
53	000-255	Blue 7 of 12 leds
54	000-255	White 7 of leds
55	000-255	Red 8 of 12 leds
56	000-255	Green 8 of 12 leds

57	000-255	Blue 8 of 12 leds
58	000-255	White 8 of leds
59	000-255	Red 9 of 12 leds
60	000-255	Green 9 of 12 leds
61	000-255	Blue 9 of 12 leds
62	000-255	White 9 of leds
63	000-255	Red 10 of 12 leds
64	000-255	Green 10 of 12 leds
65	000-255	Blue 10 of 12 leds
66	000-255	White 10 of leds
67	000-255	Red 11 of 12 leds
68	000-255	Green 11 of 12 leds
69	000-255	Blue 11 of 12 leds
70	000-255	White 11 of leds
71	000-255	Red 12 of 12 leds
72	000-255	Green 12 of 12 leds
73	000-255	Blue 12 of 12 leds
74	000-255	White 12 of leds
75	000-255	Red section 1 of 144leds
76	000-255	Green section 1 of 144leds
77	000-255	Blue section 1 of 144leds
78	000-255	White section 1 of 144leds
79	000-255	Yellow section 1 of 144leds
80	000-255	Red section 2 of 144leds
81	000-255	Green section 2 of 144leds
82	000-255	Blue section 2 of 144leds
83	000-255	White section 2 of 144leds
84	000-255	Yellow section 2 of 144leds
85	000-255	Red section 3 of 144leds
86	000-255	Green section 3 of 144leds
87	000-255	Blue section 3 of 144leds
88	000-255	White section 3 of 144leds
89	000-255	Yellow section 3 of 144leds
90	000-255	Red section 4 of 144leds
91	000-255	Green section 4 of 144leds
92	000-255	Blue section 4 of 144leds
93	000-255	White section 4 of 144leds
94	000-255	Yellow section 4 of 144leds
95	000-255	Red section 5 of 144leds
96	000-255	Green section 5 of 144leds
97	000-255	Blue section 5 of 144leds
98	000-255	White section 5 of 144leds
99	000-255	Yellow section 5 of 144leds
100	000-255	Red section 6 of 144leds
101	000-255	Green section 6 of 144leds
102	000-255	Blue section 6 of 144leds

103	000-255	White section 6 of 144leds
104	000-255	Yellow section 6 of 144leds
105	000-255	Red section 7 of 144leds
106	000-255	Green section 7 of 144leds
107	000-255	Blue section 7 of 144leds
108	000-255	White section 7 of 144leds
109	000-255	Yellow section 7 of 144leds
110	000-255	Red section 8 of 144leds
111	000-255	Green section 8 of 144leds
112	000-255	Blue section 8 of 144leds
113	000-255	White section 8 of 144leds
114	000-255	Yellow section 8 of 144leds
115	000-255	Red section 9 of 144leds
116	000-255	Green section 9 of 144leds
117	000-255	Blue section 9 of 144leds
118	000-255	White section 9 of 144leds
119	000-255	Yellow section 9 of 144leds
120	000-255	Red section 10 of 144leds
121	000-255	Green section 10 of 144leds
122	000-255	Blue section 10 of 144leds
123	000-255	White section 10 of 144leds
124	000-255	Yellow section 10 of 144leds
125	000-255	Red section 11 of 144leds
126	000-255	Green section 11 of 144leds
127	000-255	Blue section 11 of 144leds
128	000-255	White section 11 of 144leds
129	000-255	Yellow section 11 of 144leds
130	000-255	Red section 12 of 144leds
131	000-255	Green section 12 of 144leds
132	000-255	Blue section 12 of 144leds
133	000-255	White section 12 of 144leds
134	000-255	Yellow section 12 of 144leds
135	000-255	Red section 13 of 144leds
136	000-255	Green section 13 of 144leds
137	000-255	Blue section 13 of 144leds
138	000-255	White section 13 of 144leds
139	000-255	Yellow section 13 of 144leds
140	000-255	Red section 14 of 144leds
141	000-255	Green section 14 of 144leds
142	000-255	Blue section 14 of 144leds
143	000-255	White section 14 of 144leds
144	000-255	Yellow section 14 of 144leds
145	000-255	Red section 15 of 144leds
146	000-255	Green section 15 of 144leds
147	000-255	Blue section 15 of 144leds
148	000-255	White section 15 of 144leds

149	000-255	Yellow section 15 of 144leds
150	000-255	Red section 16 of 144leds
151	000-255	Green section 16 of 144leds
152	000-255	Blue section 16 of 144leds
153	000-255	White section 16 of 144leds
154	000-255	Yellow section 16 of 144leds
155	000-255	Red section 17 of 144leds
156	000-255	Green section 17 of 144leds
157	000-255	Blue section 17 of 144leds
158	000-255	White section 17 of 144leds
159	000-255	Yellow section 17 of 144leds
160	000-255	Red section 18 of 144leds
161	000-255	Green section 18 of 144leds
162	000-255	Blue section 18 of 144leds
163	000-255	White section 18 of 144leds
164	000-255	Yellow section 18 of 144leds
165	000-255	Red section 19 of 144leds
166	000-255	Green section 19 of 144leds
167	000-255	Blue section 19 of 144leds
168	000-255	White section 19 of 144leds
169	000-255	Yellow section 19 of 144leds
170	000-255	Red section 20 of 144leds
171	000-255	Green section 20 of 144leds
172	000-255	Blue section 20 of 144leds
173	000-255	White section 20 of 144leds
174	000-255	Yellow section 20 of 144leds
175	000-255	Red section 21 of 144leds
176	000-255	Green section 21 of 144leds
177	000-255	Blue section 21 of 144leds
178	000-255	White section 21 of 144leds
179	000-255	Yellow section 21 of 144leds
180	000-255	Red section 22 of 144leds
181	000-255	Green section 22 of 144leds
182	000-255	Blue section 22 of 144leds
183	000-255	White section 22 of 144leds
184	000-255	Yellow section 22 of 144leds
185	000-255	Red section 23 of 144leds
186	000-255	Green section 23 of 144leds
187	000-255	Blue section 23 of 144leds
188	000-255	White section 23 of 144leds
189	000-255	Yellow section 23 of 144leds
190	000-255	Red section 24 of 144leds
191	000-255	Green section 24 of 144leds
192	000-255	Blue section 24 of 144leds
193	000-255	White section 24 of 144leds
194	000-255	Yellow section 24 of 144leds

## 5. Specification

Power Supply: AC 90-260V, 50/60Hz

Power Consumption: 550W

LED Light Source : 12PCS \*40W RGBW 4IN1 LED+144x0.3W RGB 3in1 Leds

12PCS leds: each LEDs can be single controlled

144PCS leds: 24 sections, each section can be single controlled

Zoom angle: 3-40°

Life Span: 100000hrs

Dimmer: 0-100% linear dimmer

Control Mode: DMX512, master-slave, sound-activated or auto operation

DMX Channels:26/38/62/74/194CH

Display: LCD Menu Display

Power :PowerCon connection in & out

DMX : 3pin or 5pin in & out

Tilt : 0-230° rotation, 16bit

Protect Rate: IP20

Housing: Flame-retardant thermoplastic

Dimension:1020\*100\*270mm

Weight: 13 kg