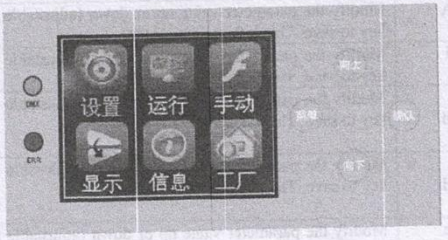
一、 Display panel and key definition



Menu key: enter/return to the main menu.
Up key: menu function up selection/parameter increment.
Down key: menu function down selection/parameter decreasing.
Enter key: select the menu function, and confirm and save it when the menu function parameters are modified.

Second, the menu function

After the machine is powered on and reset, press the menu key to enter the main menu (exit after 30 seconds of no operation in the main menu interface). See the main menu menu (5 main menu options in total) for details. Press the Up or Down key to select the main menu, enter the Enter key to modify the function parameters of each menu, and then press the Enter key to save the current function parameters after modification (with power-off memory after saving).

primary menu	submenu	Menu function description
1. System Settings	1. DMX address	Modify the DMX address code up or down (the optional range of address code is 001-512), and press the Enter key to save. The default value is 001.
	2. Encoder	Modify the encoder on/off up or down, save the confirmation key and turn it on by default.
	3. X inversion	Modify the X-reversal on/off up or down, and confirm to save, which is closed by default.
	4. Y inversion	Modify Y-turn on/off up or down, and confirm to save, which is closed by default.
	5. Advanced Settings	
2. Operation mode	1. Operation mode	Select the running mode DMX/ Voice Control/Auto up or down, and press the Enter key to save. The default DMX is selected.
	2. Channel selection	Select up or down channels CH26, CH38, CH62. CH74. CH194 to confirm the key to save. The default is CH26.
3. Manual control	1. Y axis	Modify the parameter value up or down (adjustable range: 000-255), and press the Enter key to save. The default value is 000.
	2. y fine-tuning	Modify the parameter value up or down (adjustable range: 000-255), and press the Enter key to save. The default value is 000.
	3. y speed	Modify the parameter value up or down (adjustable range: 000-255), and press the Enter key to save. The default value is 000.
	4. focusing	Modify the parameter value up or down (adjustable range: 000-255), and press the Enter key to save. The default value is 000.
	5. Dimming	Modify the parameter value up or down (adjustable range: 000-255), and press the Enter key to save. The default value is 000.
	6. a strobe	Modify the parameter value up or down (adjustable range: 000-255), and press the Enter key to save. The default value is 000.
	7. a red	Modify the brightness of the red light bulb up or down (adjustable range 000-255), and press the Enter key to save. The default value is 000.
	8. a green	Modify the brightness of the green light bulb up or down (adjustable range 000-255), and press the Enter key to save. The default value is 000.
	9. a blue	Modify the brightness of the blue light bulb up or down (adjustable range 000-255), and press the Enter key to save. The default value is 000.

	10, a white	Modify the brightness of the white light bulb up or down (adjustable range 000-255), and press the Enter key to save. The default value is 000.	
	11. Mode A	Modify the parameter value up or down (adjustable range: 000-255), and press the Enter key to save. The default value is 000.	
	12, a speed	Modify the parameter value up or down (adjustable range: 000-255), and press the Enter key to save. The default value is 000.	
	13, a background color	Modify the parameter value up or down (adjustable range: 000-255), and press the Enter key to save. The default value is 000.	
	14, a background color light	Modify the parameter value up or down (adjustable range: 000-255), and press the Enter key to save. The default value is 000.	
	15, b strobe	Modify the parameter value up or down (adjustable range: 000-255), and press the Enter key to save. The default value is 000.	
	16, b red	Modify the brightness of the red light bulb up or down (adjustable range 000-255), and press the Enter key to save; the default value is 255.	
	17, b green	Modify the brightness of the green light bulb up or down (adjustable range 000-255), and press the Enter key to save; the default value is 255.	
	18, b blue	Modify the brightness of the blue bulb up or down (adjustable range 000-255), and press the Enter key to save, and the default value is 255.	
	19, b white	Modify the brightness of white light beads up or down (adjustable range 000-255), and press the Enter key to save, and the default value is 255.	
	20, b yellow	Modify the brightness of blue and yellow bulbs up or down (adjustable range: 000-255), and press the Enter key to save; the default value is 255.	
	21. Mode B	Modify the parameter value up or down (adjustable range: 000-255), and press the Enter key to save. The default value is 000.	
	22, b speed	Modify the parameter value up or down (adjustable range: 000-255), and press the Enter key to save. The default value is 000.	
	23. direction b	Modify the parameter value up or down (adjustable range: 000-255), and press the Enter key to save. The default value is 000.	
	24, b background color	Modify the parameter value up or down (adjustable range: 000-255), and press the Enter key to save. The default value is 000.	
	25, b background color light	Modify the parameter value up or down (adjustable range: 000-255), and press the Enter key to save. The default value is 000.	
	26, reset	Yes/no	
4. Display settings	1. Language choice	Select Chinese /EN (English) up or down, and press the Enter key to save. The default is Chinese.	
	2. Inverted display settings	Select up or down to turn off/on the reverse display setting, and press the Enter key to save, which is turned off by default.	
	3. Screen protection	Select Close/Open Screen Saver up or down, and confirm to save, which is turned on by default.	
	4. Software version	069C program identification code, which cannot be modified.	
5. Factory Settings	Please enter the password for display! Change it to 138 up or down, and then press the Enter key to enter the factory settings.	1. Y axis calibration	Modify the parameter up or down (range 000-255), and confirm to save it. The default value is 128.
		2, focusing 1 calibration	Modify the focus 1 calibration (000-255) up or down, and confirm the key to save. The default is 128.
		3, focusing 2 calibration	Modify the focus 2 calibration (000-255) up or down, and confirm the key to save. The default is 128.
		4, focusing stroke	Modify the focusing stroke (000-255) up or down, and press the Enter key to save. The default value is 128.
		5. Red	Modify the red light bulb current (032-255) up or down, and press the Enter key to save. The default value is 252.
		6. Green	Modify the green light bulb current up or down (032-255), and press the Enter key to save. The default value is 252.
		7. Blue	Modify the blue light bulb current up or down (032-255), and press the Enter key to save. The default value is 252.
		8. White	Modify the white light bulb current up or down (032-255), and press the Enter key to save. The default value is 252.
		9 、 LEDNum	Select 000 /0012 up or down, and confirm to save. The default value is 001.

		10. Current	Select 000 /007 up or down, and confirm to save. The default value is 004.
		11. Speed	Select 000 /007 up or down, and confirm to save. The default value is 000.
		12、LOGO	L Select 000 /001 up or down, and confirm to save. The default value is 000.
		13. Temperature	Modify the temperature parameter up or down (range 40-70), and confirm to save it. The default value is 065.
		14. Temperature -Fan	Select up or down to turn off/on temperature-fan control, and press the Enter key to save and turn it on by default.
		15、LED	Select LEDa/ledb in sequence for led lamp beads.
		16、ETO	ETO

Third, master-slave control

There are two or more identical lamps connected by DMX three-core signal lines, all lamps are modified to any address code of 001~512, and any one is set as the master, while other lamps are slaves, and all slave displays do not flicker; When the master adjusts the effects of gradual change, pulse change, jump, voice control and self-walking, all slaves synchronize the effects of gradual change, pulse change, jump, voice control and self-walking.

Special attention: 1. Only one host can be set for a group of lamps. If there are multiple hosts, all lamps will flash without synchronization.

2. All lamps and lanterns must be used when the DMX512 console is closed.

Fourth, DMX512 control

Address codes of all lamps and lanterns are set, and all lamps and lanterns are connected to the DMX512 console in parallel with DMX three-core signal lines. The address code stops flashing, indicating that the DMX512 console signal has been sent to the lamps and lanterns. According to the channel description, the DMX512 console is used to control related functions.

CH26 Channel Description:

passage	Channel value	fundamental function
one	000-255	electrical machinery
2	000-255	Motor fine tuning
three	000-255	Motor speed
four	000-255	focus
five	000-255	aiming
six	000-255	Main light stroboscopic
seven	000-255	Main light red
eight	000-255	Main light green
nine	000-255	Main light blue
10	000-255	Main light white
11	000-255	Main light mode
12	000-255	Principal light velocity
13	000-255	Main light background color
14	000-255	Main light background tone light
15	000-255	Auxiliary light strobe
16	000-255	Auxiliary light red
17	000-255	Auxiliary light green

18	000-255	Auxiliary light blue
19	000-255	Auxiliary light white
20	000-255	Auxiliary light yellow
21	000-255	Auxiliary light mode
22	000-255	Auxiliary light speed
23	000-255	Auxiliary light direction
24	000-255	Auxiliary light back scenery
25	000-255	Auxiliary light background tone light
26	000-255	reset

CH38 channel description:

pass age	Chann el value	fundamental function
one	000-255	electrical machinery
2	000-255	Motor fine tuning
three	000-255	Motor speed
four	000-255	focus
five	000-255	aiming
six	000-255	Main light stroboscopic
seven	000-255	Main light red
eight	000-255	Main light green
nine	000-255	Main light blue
10	000-255	Main light white
11	000-255	Main light mode
12	000-255	Principal light velocity
13	000-255	Main light background color
14	000-255	Main light background tone light
15	000-255	Auxiliary light strobe
16	000-255	Auxiliary light red
17	000-255	Auxiliary light green
18	000-255	Auxiliary light blue
19	000-255	Auxiliary light white
20	000-255	Auxiliary light yellow
21	000-255	Auxiliary light mode
22	000-255	Auxiliary light speed
23	000-255	Auxiliary light direction
24	000-255	Auxiliary light back scenery
25	000-255	Auxiliary light background tone light
26	000-255	reset
27	000-255	Main light LED1
28	000-255	Main light LED2
29	000-255	Main light LED3
30	000-255	Main light LED4
31	000-255	Main light LED5

32	000-255	Main light LED6
33	000-255	Main light LED7
34	000-255	Main light LED8
35	000-255	Main light LED9
36	000-255	Main light LED10
37	000-255	Main light LED11
38	000-255	Main light LED12

CH62 channel description:

pass age	Chann el value	fundamental function
one	000-255	electrical machinery
2	000-255	Motor fine tuning
three	000-255	Motor speed
four	000-255	focus
five	000-255	aiming
six	000-255	Main light stroboscopic
seven	000-255	Main light red
eight	000-255	Main light green
nine	000-255	Main light blue
10	000-255	Main light white
11	000-255	Main light mode
12	000-255	Principal light velocity
13	000-255	Main light background color
14	000-255	Main light background tone light
15	000-255	Auxiliary light strobe
16	000-255	Auxiliary light red
17	000-255	Auxiliary light green
18	000-255	Auxiliary light blue
19	000-255	Auxiliary light white
20	000-255	Auxiliary light yellow
21	000-255	Auxiliary light mode
22	000-255	Auxiliary light speed
23	000-255	Auxiliary light direction
24	000-255	Auxiliary light back scenery
25	000-255	Auxiliary light background tone light
26	000-255	reset
27	000-255	Main light LED1
28	000-255	Main light LED2
29	000-255	Main light LED3
30	000-255	Main light LED4
31	000-255	Main light LED5
32	000-255	Main light LED6
33	000-255	Main light LED7

34	000-255	Main light LED8
35	000-255	Main light LED9
36	000-255	Main light LED10
37	000-255	Main light LED11
38	000-255	Main light LED12
39	000-255	Auxiliary light LED1
40	000-255	Auxiliary light LED2
41	000-255	Auxiliary light LED3
forty-two	000-255	Auxiliary light LED4
43	000-255	Auxiliary light LED5
forty-four	000-255	Auxiliary light LED6
45	000-255	Auxiliary light LED7
46	000-255	Auxiliary light LED8
47	000-255	Auxiliary light LED9
48	000-255	Auxiliary light LED10
forty-nine	000-255	Auxiliary light LED11
50	000-255	Auxiliary light LED12
51	000-255	Auxiliary light LED13
fifty-two	000-255	Auxiliary light LED14
53	000-255	Auxiliary light LED15
54	000-255	Auxiliary light LED16
55	000-255	Auxiliary light LED17
fifty-six	000-255	Auxiliary light LED18
57	000-255	Auxiliary light LED19
58	000-255	Auxiliary light LED20
59	000-255	Auxiliary light LED21
60	000-255	Auxiliary light LED22
61	000-255	Auxiliary light LED23
62	000-255	Auxiliary light LED24

CH74 channel description:

pass age	Chann el value	fundamental function
one	000-255	electrical machinery
2	000-255	Motor fine tuning
three	000-255	Motor speed
four	000-255	focus
five	000-255	aiming
six	000-255	Main light stroboscopic
seven	000-255	Main light red
eight	000-255	Main light green

nine	000-255	Main light blue
10	000-255	Main light white
11	000-255	Main light mode
12	000-255	Principal light velocity
13	000-255	Main light background color
14	000-255	Main light background tone light
15	000-255	Auxiliary light strobe
16	000-255	Auxiliary light red
17	000-255	Auxiliary light green
18	000-255	Auxiliary light blue
19	000-255	Auxiliary light white
20	000-255	Auxiliary light yellow
21	000-255	Auxiliary light mode
22	000-255	Auxiliary light speed
23	000-255	Auxiliary light direction
24	000-255	Auxiliary light back scenery
25	000-255	Auxiliary light background tone light
26	000-255	reset
27	000-255	Main light red 1
28	000-255	Main light green 1
29	000-255	Main light blue 1
30	000-255	Main light white 1
31	000-255	Main light red 2
32	000-255	Main light green 2
33	000-255	Main light blue 2
34	000-255	Main light white 2
35	000-255	Main light red 3
36	000-255	Main light green 3
37	000-255	Main light blue 3
38	000-255	Main light white 3
39	000-255	Main light red 4
40	000-255	Main light green 4
41	000-255	Main light blue 4
forty-two	000-255	Main light white 4
43	000-255	Main light red 5
forty-four	000-255	Main light green 5
45	000-255	Main light blue 5
46	000-255	Main light white 5
47	000-255	Main light red 6
48	000-255	Main light green 6
forty-nine	000-255	Main light blue 6
50	000-255	Main light white 6
51	000-255	Main light red 7

fifty-two	000-255	Main light green 7
53	000-255	Main light blue 7
54	000-255	Main light white 7
55	000-255	Main light red 8
fifty-six	000-255	Main light green 8
57	000-255	Main light blue 8
58	000-255	Main light white 8
59	000-255	Main light red 9
60	000-255	Main light green 9
61	000-255	Main light blue 9
62	000-255	Main light white 9
63	000-255	Main light red 10
64	000-255	Main light green 10
65	000-255	Main light blue 10
66	000-255	Main light white 10
67	000-255	Main light red 11
sixty-eight	000-255	Main light green 11
sixty-nine	000-255	Main light blue 11
70	000-255	Main light white 11
71	000-255	Main light red 12
seventy-two	000-255	Main light green 12
73	000-255	Main light blue 12
74	000-255	Main light white 12

CH194 channel description:

passage	Channel value	fundamental function
one	000-255	electrical machinery
2	000-255	Motor fine tuning
three	000-255	Motor speed
four	000-255	focus
five	000-255	aiming
six	000-255	Main light stroboscopic
seven	000-255	Main light red
eight	000-255	Main light green
nine	000-255	Main light blue
10	000-255	Main light white
11	000-255	Main light mode
12	000-255	Principal light velocity

13	000-255	Main light background color
14	000-255	Main light background tone light
15	000-255	Auxiliary light strobe
16	000-255	Auxiliary light red
17	000-255	Auxiliary light green
18	000-255	Auxiliary light blue
19	000-255	Auxiliary light white
20	000-255	Auxiliary light yellow
21	000-255	Auxiliary light mode
22	000-255	Auxiliary light speed
23	000-255	Auxiliary light direction
24	000-255	Auxiliary light back scenery
25	000-255	Auxiliary light background tone light
26	000-255	reset
27	000-255	Main light red 1
28	000-255	Main light green 1
29	000-255	Main light blue 1
30	000-255	Main light white 1
31	000-255	Main light red 2
32	000-255	Main light green 2
33	000-255	Main light blue 2
34	000-255	Main light white 2
35	000-255	Main light red 3
36	000-255	Main light green 3
37	000-255	Main light blue 3
38	000-255	Main light white 3
39	000-255	Main light red 4
40	000-255	Main light green 4
41	000-255	Main light blue 4
forty-two	000-255	Main light white 4
43	000-255	Main light red 5
forty-four	000-255	Main light green 5
45	000-255	Main light blue 5
46	000-255	Main light white 5
47	000-255	Main light red 6
48	000-255	Main light green 6
forty-nine	000-255	Main light blue 6
50	000-255	Main light white 6
51	000-255	Main light red 7
fifty-two	000-255	Main light green 7
53	000-255	Main light blue 7
54	000-255	Main light white 7

55	000-255	Main light red 8
fifty-six	000-255	Main light green 8
57	000-255	Main light blue 8
58	000-255	Main light white 8
59	000-255	Main light red 9
60	000-255	Main light green 9
61	000-255	Main light blue 9
62	000-255	Main light white 9
63	000-255	Main light red 10
64	000-255	Main light green 10
65	000-255	Main light blue 10
66	000-255	Main light white 10
67	000-255	Main light red 11
sixty-eight	000-255	Main light green 11
sixty-nine	000-255	Main light blue 11
70	000-255	Main light white 11
71	000-255	Main light red 12
seventy-two	000-255	Main light green 12
73	000-255	Main light blue 12
74	000-255	Main light white 12
75	000-255	Auxiliary light red 1
76	000-255	Auxiliary light green 1
77	000-255	Auxiliary light blue 1
seventy-eight	000-255	Auxiliary light white 1
79	000-255	Auxiliary light yellow 1
80	000-255	Auxiliary light red 2
81	000-255	Auxiliary light green 2
82	000-255	Auxiliary light blue 2
83	000-255	Auxiliary light white 2
84	000-255	Auxiliary light yellow 2
eighty-five	000-255	Auxiliary light red 3
86	000-255	Auxiliary light green 3
87	000-255	Auxiliary light blue 3
88	000-255	Auxiliary light white 3
eighty-nine	000-255	Auxiliary light yellow 3
90	000-255	Auxiliary light red 4
91	000-255	Auxiliary light green 4
92	000-255	Auxiliary light blue 4

93	000-255	Auxiliary light white 4
94	000-255	Auxiliary light yellow 4
95	000-255	Auxiliary light red 5
96	000-255	Auxiliary light green 5
97	000-255	Auxiliary light blue 5
98	000-255	Auxiliary light white 5
99	000-255	Auxiliary light yellow 5
100	000-255	Auxiliary light red 6
101	000-255	Auxiliary light green 6
102	000-255	Auxiliary light blue 6
103	000-255	Auxiliary light white 6
104	000-255	Auxiliary light yellow 6
105	000-255	Auxiliary light red 7
106	000-255	Auxiliary light green 7
107	000-255	Auxiliary light blue 7
108	000-255	Auxiliary light white 7
109	000-255	Auxiliary light yellow 7
110	000-255	Auxiliary light red 8
111	000-255	Auxiliary light green 8
112	000-255	Auxiliary light blue 8
113	000-255	Auxiliary light white 8
114	000-255	Auxiliary light yellow 8
115	000-255	Auxiliary light red 9
116	000-255	Auxiliary light green 9
117	000-255	Auxiliary light blue 9
118	000-255	Auxiliary light white 9
119	000-255	Auxiliary light yellow 9
120	000-255	Auxiliary light red 10
121	000-255	Auxiliary light green 10
122	000-255	Auxiliary light blue 10
123	000-255	Auxiliary light white 10
124	000-255	Auxiliary light yellow 10
125	000-255	Auxiliary light red 11
126	000-255	Auxiliary light green 11
127	000-255	Auxiliary light blue 11
128	000-255	Auxiliary light white 11
129	000-255	Auxiliary light yellow 11
130	000-255	Auxiliary light red 12
131	000-255	Auxiliary light green 12
132	000-255	Auxiliary light blue 12
133	000-255	Auxiliary light white 12
134	000-255	Auxiliary light yellow 12
135	000-255	Auxiliary light red 13
136	000-255	Auxiliary light green 13

137	000-255	Auxiliary light blue 13
138	000-255	Auxiliary light white 13
139	000-255	Auxiliary light yellow 13
140	000-255	Auxiliary light red 14
141	000-255	Auxiliary light green 14
142	000-255	Auxiliary light blue 14
143	000-255	Auxiliary light white 14
144	000-255	Auxiliary light yellow 14
145	000-255	Auxiliary light red 15
146	000-255	Auxiliary light green 15
147	000-255	Auxiliary light blue 15
148	000-255	Auxiliary light white 15
149	000-255	Auxiliary light yellow 15
150	000-255	Auxiliary light red 16
151	000-255	Auxiliary light green 16
152	000-255	Auxiliary light blue 16
153	000-255	Auxiliary light white 16
154	000-255	Auxiliary light yellow 16
155	000-255	Auxiliary light red 17
156	000-255	Auxiliary light green 17
157	000-255	Auxiliary light blue 17
158	000-255	Auxiliary light white 17
159	000-255	Auxiliary light yellow 17
160	000-255	Auxiliary light red 18
161	000-255	Auxiliary light green 18
162	000-255	Auxiliary light blue 18
163	000-255	Auxiliary light white 18
164	000-255	Auxiliary light yellow 18
165	000-255	Auxiliary light red 19
166	000-255	Auxiliary light green 19
167	000-255	Auxiliary light blue 19
168	000-255	Fuguangbai 19
169	000-255	Auxiliary light yellow 19
170	000-255	Auxiliary light red 20
171	000-255	Auxiliary light green 20
172	000-255	Auxiliary light blue 20
173	000-255	Auxiliary light white 20
174	000-255	Auxiliary light yellow 20
175	000-255	Auxiliary light red 21
176	000-255	Auxiliary light green 21
177	000-255	Auxiliary light blue 21
178	000-255	Auxiliary light white 21
179	000-255	Auxiliary light yellow 21
one h undre	000-255	Auxiliary light red 22

d and eight y		
181	000-255	Auxiliary light green 22
182	000-255	Auxiliary light blue 22
183	000-255	Auxiliary light white 22
184	000-255	Auxiliary light yellow 22
185	000-255	Auxiliary light red 23
186	000-255	Auxiliary light green 23
187	000-255	Auxiliary light blue 23
188	000-255	Auxiliary light white 23
189	000-255	Auxiliary light yellow 23
190	000-255	Auxiliary light red 24
191	000-255	Auxiliary light green 24
192	000-255	Auxiliary light blue 24
193	000-255	Auxiliary light white 24
194	000-255	Auxiliary light yellow 24

V. Technical parameters:

Voltage: AC100~240V 50/60HZ

Power: W

Lamp beads: 12 60W four-in-one foot Tim Xin lamp beads 144 0.3W 5050 three-in-one lamp beads.

Control mode: DMX512, self-propelled, master-slave, voice control and RDM function.

Channels: CH26, CH38, ch62.ch74.ch194.

Dimming: 32bit 0~100% linear dimming

Features: Y shake head+beam+flash+auxiliary light.

Working temperature: -30 ~50°C

Strobe frequency: 1~30HZ

Appearance: metal, black

Connection mode: DMX512 input/output/power input/output.

IP grade: IP20

Size:

weight: