

1260-watt thousand-hand Guanyin instructions



Definition of display panel and key



Menu key: enter/return to the main menu
Up key: menu function select up/parameter increment
Down key: menu function select down/parameter decrement
Enter key: select the menu function, and confirm and save when modifying the menu function parameters.

II. 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 on the main menu interface). For details, see the main menu function table (5 main menu options in total). Press the up or down key to select the main menu, and press the enter key to modify the function parameters of each menu. After modification, press the enter key to save the current function parameters (power-off memory is available after saving).

Main menu	Submenu	Menu function description
1、 system settings	1、 DMX address	Modify the DMX address code up or down (the address code can be selected from 001-512), press the Enter key to save, and the default is 001.
	2、 Y is inverted	Modify Y up or down to reverse on/off, enter to save, off by default.
	The 3、 has no signal	Clear
	4、 advanced settings	
2、 operation mode	1 、 operation mode	Up or down to select the operating mode DMX/Voice/Auto, enter to save, default to DMX.
	2 、 channel	Select the channel CH20.CH169 A.CH169 B.CH53.CH101.CH155.CH179 up or down,

	selection	and press the confirmation key to save. The default is CH20.	
	3、 Y	Modify the running parameter value of Y motor upward or downward (adjustable range: 000-255), press Enter to save, and the default value is 128.	
	4、 Y speed	Modify the Y motor speed running parameter value upward or downward (adjustable range: 000-255), press Enter to save, and the default value is 128.	
	5、 Y mode	Modify the parameter value of Y mode upward or downward (the adjustable range is 000-255), press the Enter key to save, and the default is 128.	
	6 、 Y mode amplitude	Modify the amplitude parameter value of Y mode upward or downward (adjustable range: 000-255), press the Enter key to save, and the default value is 128.	
	7、 focusing	Modify the operation parameter value of the focusing motor upward or downward (adjustable range: 000-255), press the Enter key to save, and the default value is 255.	
	8 、 total dimming	Modify the dimming parameter value upward or downward (adjustable range: 000-255), press the Enter key to save, and the default value is 255.	
	9、 strobe	Modify the stroboscopic parameter value upward or downward (adjustable range: 000-255), press the Enter key to save, and the default value is 000.	
	10、 red	Modify the brightness of the red lamp bead upward or downward (adjustable range: 000-255). Press the Enter key to save. The default value is 255.	
	11、 green	Modify the brightness of the green lamp bead upward or downward (adjustable range: 000-255). Press the Enter key to save. The default value is 255.	
	12、 blue	Modify the brightness of the blue lamp bead upward or downward (adjustable range: 000-255). Press the Enter key to save. The default value is 255.	
	13、 white	Modify the brightness of the white lamp bead upward or downward (adjustable range: 000-255), press the confirmation key to save, and the default value is 255.	
	14、 mode	Modify the mode parameter value upward or downward (the adjustable range is 000-255), press the Enter key to save, and the default is 255.	
	15、 speed	Modify the speed parameter value upward or downward (adjustable range: 000-255), press the Enter key to save, and the default value is 255.	
	16 、 background color	Modify the parameter value of the background color upward or downward (the adjustable range is 000-255). Press the Enter key to save. The default value is 255.	
	17 、 background tint light	Modify the background tone light parameter value upward or downward (the adjustable range is 000-255), press the Enter key to save, and the default value is 255.	
	18、 reset	Yes/No	
4、 display settings	1 、 language selection	Select Chinese/EN (English) up or down, and press Enter to save. The default is Chinese.	
	2、 the reverse display setting	Select up or down to close/open the reverse display setting, and press the confirmation key to save. It is closed by default.	
	3、 screen saver	Select up or down to turn off/on the screen saver, and press Enter to save. It is turned on by default.	
	4 、 software version	04XZ	
5、 factory settings	Display, please enter the password! Change up or down to 138, and then press	1、 Y 1 axis calibration	Modify the parameter up or down (range: 000-255), press the OK key to save, and the default value is 128.
		2、 F1-axis calibration	Modify the parameter up or down (range: 000-255), press the OK key to save, and the default value is 128.
		3、 Y2-axis calibration	Modify the parameter up or down (range: 000-255), press the OK key to save, and the default value is 128.

	the confirmation key to enter the factory settings.	4、 F2-axis calibration	Modify the parameter up or down (range: 000-255), press the OK key to save, and the default value is 128.
		5、 Y3 axis calibration	Modify the parameter up or down (range: 000-255), press the OK key to save, and the default value is 128.
		6、 F3 axis calibration	Modify the parameter up or down (range: 000-255), press the OK key to save, and the default value is 128.
		7、 Y4-axis calibration	Modify the parameter up or down (range: 000-255), press the OK key to save, and the default value is 128.
		8、 F4-axis calibration	Modify the parameter up or down (range: 000-255), press the OK key to save, and the default value is 128.
		9、 Y5 axis calibration	Modify the parameter up or down (range: 000-255), press the OK key to save, and the default value is 128.
		10、 F5 axis calibration	Modify the parameter up or down (range: 000-255), press the OK key to save, and the default value is 128.
		11 、 Y 6-axis calibration	Modify the parameter up or down (range: 000-255), press the OK key to save, and the default value is 128.
		12、 F6-axis calibration	Modify the parameter up or down (range: 000-255), press the OK key to save, and the default value is 128.
		13、 Y 7 axis calibration	Modify the parameter up or down (range: 000-255), press the OK key to save, and the default value is 128.
		14、 F7 Axis Calibration	Modify the parameter up or down (range: 000-255), press the OK key to save, and the default value is 128.
		15 、 Y 8-axis calibration	Modify the parameter up or down (range: 000-255), press the OK key to save, and the default value is 128.
		16、 F8-axis calibration	Modify the parameter up or down (range: 000-255), press the OK key to save, and the default value is 128.
		17 、 Y 9-axis calibration	Modify the parameter up or down (range: 000-255), press the OK key to save, and the default value is 128.
		18、 F 9-axis calibration	Modify the parameter up or down (range: 000-255), press the OK key to save, and the default value is 128.
		19 、 Y 10-axis calibration	Modify the parameter up or down (range: 000-255), press the OK key to save, and the default value is 128.
		20 、 F1 0-axis calibration	Modify the parameter up or down (range: 000-255), press the OK key to save, and the default value is 128.
		21 、 Y11 axis calibration	Modify the parameter up or down (range: 000-255), press the OK key to save, and the default value is 128.
		22 、 F1 1-axis calibration	Modify the parameter up or down (range: 000-255), press the OK key to save, and the default value is 128.
		23 、 Y 12-axis calibration	Modify the parameter up or down (range: 000-255), press the OK key to save, and the default value is 128.

		24 、 F12 Axis Calibration	Modify the parameter up or down (range: 000-255), press the OK key to save, and the default value is 128.
		25、 Y-axis travel	Modify the Y travel parameter up or down (range: 000-255), press Enter to save, and the default value is 128.
		26 、 focusing travel	Modify the focusing travel parameter upward or downward (range: 000-255), press the Enter key to save, and the default value is 128.
		27、 red	Modify the parameter up or down (range: 000-255), press the OK key to save, and the default value is 255.
		28、 green	Modify the parameter up or down (range: 000-255), press the OK key to save, and the default value is 255.
		29、 blue	Modify the parameter up or down (range: 000-255), press the OK key to save, and the default value is 255.
		30、 white	Modify the parameter up or down (range: 000-255), press the OK key to save, and the default value is 255.
		31、 red	Modify the parameter up or down (range: 000-255), press the OK key to save, and the default value is 255.
		32、 green	Modify the parameter up or down (range: 000-255), press the OK key to save, and the default value is 255.
		33、 blue	Modify the parameter up or down (range: 000-255), press the OK key to save, and the default value is 255.
		34、 white	Modify the parameter up or down (range: 000-255), press the OK key to save, and the default value is 255.
		35、 red	Modify the parameter up or down (range: 000-255), press the OK key to save, and the default value is 255.
		36、 green	Modify the parameter up or down (range: 000-255), press the OK key to save, and the default value is 255.
		37、 blue	Modify the parameter up or down (range: 000-255), press the OK key to save, and the default value is 255.
		38、 white	Modify the parameter up or down (range: 000-255), press the OK key to save, and the default value is 255.
		39、 red	Modify the parameter up or down (range: 000-255), press the OK key to save, and the default value is 255.
		40、 green	Modify the parameter up or down (range: 000-255), press the OK key to save, and the default value is 255.
		41、 blue	Modify the parameter up or down (range: 000-255), press the OK key to save, and the default value is 255.
		42、 white	Modify the parameter up or down (range: 000-255), press the OK key to save, and the default value is 255.
		43、 red	Modify the parameter up or down (range: 000-255), press the OK key to save, and the default value is 255.
		44、 green	Modify the parameter up or down (range: 000-255), press the OK key to save, and the default value is 255.
		45、 blue	Modify the parameter up or down (range: 000-255), press the OK key to save, and the default value is 255.
		46、 white	Modify the parameter up or down (range: 000-255), press the OK key to save, and the default value is 255.

		71、 red	Modify the parameter up or down (range: 000-255), press the OK key to save, and the default value is 255.
		72、 green	Modify the parameter up or down (range: 000-255), press the OK key to save, and the default value is 255.
		73、 blue	Modify the parameter up or down (range: 000-255), press the OK key to save, and the default value is 255.
		74、 white	Modify the parameter up or down (range: 000-255), press the OK key to save, and the default value is 255.
		Orientation of 75 、 LEDs	Modify the LED direction parameter up or down (range: 000-255), press the OK key to save, and the default value is 000.
		76、 current	Change the current parameter up or down (range: 000-255). Press the Enter key to save. The default value is 230.
		77、 LOGO	LOGO switching
		78 、 temperature	Temperature modification. Default 45
		79 、 Temperature Control-Fan	On/off
		80、 LED	The LEDs are switched in sequence
		81 、 YF direction	Modify the YF direction parameter up or down (range: 000-255), press the OK key to save, and the default value is 000.

III. Master-slave control

Two or more identical lamps are connected by DMX three-core signal line, all lamps are modified to any address code from 001 to 512, any one is set as the host, other lamps are slave, and the display screen of all slave does not flicker; When the host computer is used to adjust the effects of gradual change, pulse change, jump change, sound control and self-walking, all slave computers synchronize the effects of gradual change, pulse change, jump change, sound control and self-walking.

Special note: 1. Only one host can be set for a group of lamps. If there are multiple hosts, all lamps will flash randomly and not be synchronized.

All lamps in the 2、 must function only when the DMX512 console is turned off.

IV. DMX512 control

After the address codes of all lamps are set, connect all lamps to the DMX512 console in parallel with the DMX three-core signal line. The address code stops flashing, indicating that the DMX512 console signal has been sent to the lamps. Use the DMX512 console to control relevant functions according to the channel description.

CH20 channel description:

Pass age way	Chann el value	Basic functions
1	000-255	Y coarse adjustment (Y mode direction)
2	000-255	Y Fine Overall (Y Mode Amplitude)
3	000-255	Y speed (Y mode speed)

4	000-255	Y mode
5	000-255	CTC
6	000-255	Color macro
7	000-255	Pattern
8	000-255	LED built-in effect
9	000-255	LED built-in effect speed
10	000-255	LED Built-in Effect Trailing Time
11	000-255	LED background color
12	000-255	LED background tone
13	000-255	Dimming
14	000-255	Strobe
15	000-255	Zoom in on the whole
16	000-255	Function
17	000-255	Red
18	000-255	Green
19	000-255	Blue
20	000-255	White

CH53 channel description:

Pass age way	Chann el value	Basic functions
1	000-255	Y 1 Coarse (Y Mode Direction)
2	000-255	Y 1 Fine adjustment (Y mode amplitude)
3	000-255	Y2 coarse adjustment
4	000-255	Y2 fine adjustment
5	000-255	Y3 Coarse adjustment
6	000-255	Y3 Trim
7	000-255	Y4 Coarse adjustment
8	000-255	Y4 Fine adjustment
9	000-255	Y5 Coarse adjustment
10	000-255	Y5 Trim
11	000-255	Y6 Coarse adjustment
12	000-255	Y6 Trim
13	000-255	Y7 Coarse adjustment
14	000-255	Y7 Trim
15	000-255	Y8 Coarse adjustment
16	000-255	Y8 Trim
17	000-255	Y9 Coarse adjustment
18	000-255	Y9 Trim
19	000-255	Y10 Coarse adjustment
20	000-255	Y10 Trim
21	000-255	Y11 Coarse adjustment

22	000-255	Y11 Fine adjustment
23	000-255	Y 12 Coarse adjustment
24	000-255	Y 12 Fine adjustment
25	000-255	Y speed (Y mode speed)
26	000-255	Y mode
27	000-255	CTC
28	000-255	Color macro
29	000-255	Pattern
30	000-255	LED built-in effect
31	000-255	LED built-in effect speed
32	000-255	LED Built-in Effect Trailing Time
33	000-255	LED background color
34	000-255	LED background color light coarse adjustment
35	000-255	Dimming
36	000-255	Strobe
37	000-255	Zoom in 1
38	000-255	Zoom in 2
39	000-255	Zoom in 3
40	000-255	Zoom in 4
41	000-255	Zoom in 5
42	000-255	Zoom in 6
43	000-255	Zoom in 7
44	000-255	Zoom in 8
45	000-255	Zoom in 9
46	000-255	Zoom in 10
47	000-255	Zoom in 11
48	000-255	Zoom in 12
49	000-255	Function
50	000-255	Red
51	000-255	Green
52	000-255	Blue
53	000-255	White

CH169A channel description:

Pass age way	Chann el value	Basic functions
1	000-255	Function
2	000-255	Y speed (Y mode speed)
3	000-255	Y mode
4	000-255	CTC
5	000-255	Color macro
6	000-255	Pattern
7	000-255	LED built-in effect

8	000-255	LED built-in effect speed
9	000-255	LED Built-in Effect Trailing Time
10	000-255	LED background color
11	000-255	LED background color light coarse adjustment
12	000-255	LED background color dimming fine adjustment
13	000-255	Strobe
14	000-255	Y 1 Coarse (Y Mode Direction)
15	000-255	Y 1 Fine adjustment (Y mode amplitude)
16	000-255	Zoom in 1
17	000-255	Dimming 1 coarse
18	000-255	Dimming 1 Trim
19	000-255	Red 1 coarse
20	000-255	Red 1 Trim
21	000-255	Green 1 Coarse
22	000-255	Green 1 Trim
23	000-255	Blue 1 Coarse
24	000-255	Blue 1 Trim
25	000-255	White 1 Coarse
26	000-255	White 1 Trim
27	000-255	Y2 coarse adjustment
28	000-255	Y2 fine adjustment
29	000-255	Zoom in 2
30	000-255	Dimming 2 coarse adjustment
31	000-255	Dimming 2 Trim
32	000-255	Red 2 Coarse
33	000-255	Red 2 Trim
34	000-255	Green 2 Coarse
35	000-255	Green 2 Trim
36	000-255	Blue 2 Coarse
37	000-255	Blue 2 Trim
38	000-255	White 2 coarse
39	000-255	White 2 Trim
40	000-255	Y3 Coarse adjustment
41	000-255	Y3 Trim
42	000-255	Zoom in 3
43	000-255	Dimming 3 Coarse
44	000-255	Dimming 3 Trim
45	000-255	Red 3 Coarse
46	000-255	Red 3 Trim
47	000-255	Green 3 Coarse
48	000-255	Green 3 Trim
49	000-255	Blue 3 Coarse
50	000-255	Blue 3 Trim
51	000-255	White 3 Coarse
52	000-255	White 3 Trim
53	000-255	Y4 Coarse adjustment

54	000-255	Y4 Fine adjustment
55	000-255	Zoom in 4
56	000-255	Dimming 4 Coarse
57	000-255	Dimming 4 Trim
58	000-255	Red 4 Coarse
59	000-255	Red 4 Trim
60	000-255	Green 4 Coarse
61	000-255	Green 4 Trim
62	000-255	Blue 4 Coarse
63	000-255	Blue 4 Trim
64	000-255	White 4 coarse
65	000-255	White 4 Trim
66	000-255	Y5 Coarse adjustment
67	000-255	Y5 Trim
68	000-255	Zoom in 5
69	000-255	Dimming 5 Coarse
70	000-255	Dimming 5 Trim
71	000-255	Red 5 coarse
72	000-255	Red 5 Trim
73	000-255	Green 5 coarse
74	000-255	Green 5 Trim
75	000-255	Blue 5 coarse
76	000-255	Blue 5 Trim
77	000-255	White 5 coarse
78	000-255	White 5 Trim
79	000-255	Y6 Coarse adjustment
80	000-255	Y6 Trim
81	000-255	Zoom in 6
82	000-255	Dimming 6 Coarse
83	000-255	Dimming 6 Trim
84	000-255	Red 6 Coarse
85	000-255	Red 6 Trim
86	000-255	Green 6 Coarse
87	000-255	Green 6 Trim
88	000-255	Blue 6 Coarse
89	000-255	Blue 6 Trim
90	000-255	White 6 Coarse
91	000-255	White 6 Trim
92	000-255	Y7 Coarse adjustment
93	000-255	Y7 Trim
94	000-255	Zoom in 7
95	000-255	Dimming 7 Coarse
96	000-255	Dimming 7 fine adjustment
97	000-255	Red 7 coarse
98	000-255	Red 7 Trim
99	000-255	Green 7 Coarse

100	000-255	Green 7 Trim
101	000-255	Blue 7 Coarse
102	000-255	Blue 7 Trim
103	000-255	White 7 coarse
104	000-255	White 7 Trim
105	000-255	Y8 Coarse adjustment
106	000-255	Y8 Trim
107	000-255	Zoom in 8
108	000-255	Dimming 8 Coarse
109	000-255	Dimming 8 fine adjustment
110	000-255	Red 8 coarse
111	000-255	Red 8 Trim
112	000-255	Green 8 coarse
113	000-255	Green 8 Trim
114	000-255	Blue 8 coarse
115	000-255	Blue 8 Trim
116	000-255	White 8 coarse
117	000-255	White 8 Trim
118	000-255	Y9 Coarse adjustment
119	000-255	Y9 Trim
120	000-255	Zoom in 9
121	000-255	Dimming 9 Coarse
122	000-255	Dimming 9 fine adjustment
123	000-255	Red 9 Coarse
124	000-255	Red 9 Trim
125	000-255	Green 9 Coarse
126	000-255	Green 9 Trim
127	000-255	Blue 9 coarse
128	000-255	Blue 9 Trim
129	000-255	White 9 coarse
130	000-255	White 9 Trim
131	000-255	Y10 Coarse adjustment
132	000-255	Y10 Trim
133	000-255	Zoom in 10
134	000-255	Dimming 10 coarse
135	000-255	Dimming 10 fine adjustment
136	000-255	Red 10 coarse
137	000-255	Red 10 Trim
138	000-255	Green 10 coarse
139	000-255	Green 10 Trim
140	000-255	Blue 10 coarse
141	000-255	Blue 10 Trim
142	000-255	White 10 coarse
143	000-255	White 10 Trim
144	000-255	Y11 Coarse adjustment
145	000-255	Y11 Fine adjustment

146	000-255	Zoom in 11
147	000-255	Dimming 11 Coarse
148	000-255	Dimming 11 fine adjustment
149	000-255	Red 11 coarse
150	000-255	Red 11 fine adjustment
151	000-255	Green 11 Coarse
152	000-255	Green 11 Trim
153	000-255	Blue 11 Coarse
154	000-255	Blue 11 Trim
155	000-255	White 11 coarse
156	000-255	White 11 fine adjustment
157	000-255	Y 12 Coarse adjustment
158	000-255	Y 12 Fine adjustment
159	000-255	Zoom in 12
160	000-255	Dimming 12 Coarse adjustment
161	000-255	Dimming 12 fine adjustment
162	000-255	Red 12 coarse
163	000-255	Red 12 Trim
164	000-255	Green 12 coarse
165	000-255	Green 12 Trim
166	000-255	Blue 12 coarse
167	000-255	Blue 12 Trim
168	000-255	White 12 coarse
169	000-255	White 12 Trim

CH169B Channel Description:

Pass age way	Chann el value	Basic functions
1	000-255	Y1 coarse adjustment
2	000-255	Y1 fine tuning
3	000-255	Zoom in 1
4	000-255	Dimming 1 coarse
5	000-255	Dimming 1 Trim
6	000-255	Strobe 1
7	000-255	Red 1 coarse
8	000-255	Red 1 Trim
9	000-255	Green 1 Coarse
10	000-255	Green 1 Trim
11	000-255	Blue 1 Coarse
12	000-255	Blue 1 Trim
13	000-255	White 1 Coarse
14	000-255	White 1 Trim
15	000-255	Y2 coarse adjustment
16	000-255	Y2 fine adjustment
17	000-255	Zoom in 2

18	000-255	Dimming 2 coarse adjustment
19	000-255	Dimming 2 Trim
20	000-255	Strobe 2
21	000-255	Red 2 Coarse
22	000-255	Red 2 Trim
23	000-255	Green 2 Coarse
24	000-255	Green 2 Trim
25	000-255	Blue 2 Coarse
26	000-255	Blue 2 Trim
27	000-255	White 2 coarse
28	000-255	White 2 Trim
29	000-255	Y3 Coarse adjustment
30	000-255	Y3 Trim
31	000-255	Zoom in 3
32	000-255	Dimming 3 Coarse
33	000-255	Dimming 3 Trim
34	000-255	Strobe 3
35	000-255	Red 3 Coarse
36	000-255	Red 3 Trim
37	000-255	Green 3 Coarse
38	000-255	Green 3 Trim
39	000-255	Blue 3 Coarse
40	000-255	Blue 3 Trim
41	000-255	White 3 Coarse
42	000-255	White 3 Trim
43	000-255	Y4 Coarse adjustment
44	000-255	Y4 Fine adjustment
45	000-255	Zoom in 4
46	000-255	Dimming 4 Coarse
47	000-255	Dimming 4 Trim
48	000-255	Strobe 4
49	000-255	Red 4 Coarse
50	000-255	Red 4 Trim
51	000-255	Green 4 Coarse
52	000-255	Green 4 Trim
53	000-255	Blue 4 Coarse
54	000-255	Blue 4 Trim
55	000-255	White 4 coarse
56	000-255	White 4 Trim
57	000-255	Y5 Coarse adjustment
58	000-255	Y5 Trim
59	000-255	Zoom in 5
60	000-255	Dimming 5 Coarse
61	000-255	Dimming 5 Trim
62	000-255	Strobe 5
63	000-255	Red 5 coarse

64	000-255	Red 5 Trim
65	000-255	Green 5 coarse
66	000-255	Green 5 Trim
67	000-255	Blue 5 coarse
68	000-255	Blue 5 Trim
69	000-255	White 5 coarse
70	000-255	White 5 Trim
71	000-255	Y6 Coarse adjustment
72	000-255	Y6 Trim
73	000-255	Zoom in 6
74	000-255	Dimming 6 Coarse
75	000-255	Dimming 6 Trim
76	000-255	Strobe 6
77	000-255	Red 6 Coarse
78	000-255	Red 6 Trim
79	000-255	Green 6 Coarse
80	000-255	Green 6 Trim
81	000-255	Blue 6 Coarse
82	000-255	Blue 6 Trim
83	000-255	White 6 Coarse
84	000-255	White 6 Trim
85	000-255	Y7 Coarse adjustment
86	000-255	Y7 Trim
87	000-255	Zoom in 7
88	000-255	Dimming 7 Coarse
89	000-255	Dimming 7 fine adjustment
90	000-255	Strobe 7
91	000-255	Red 7 coarse
92	000-255	Red 7 Trim
93	000-255	Green 7 Coarse
94	000-255	Green 7 Trim
95	000-255	Blue 7 Coarse
96	000-255	Blue 7 Trim
97	000-255	White 7 coarse
98	000-255	White 7 Trim
99	000-255	Y8 Coarse adjustment
100	000-255	Y8 Trim
101	000-255	Zoom in 8
102	000-255	Dimming 8 Coarse
103	000-255	Dimming 8 fine adjustment
104	000-255	Strobe 8
105	000-255	Red 8 coarse
106	000-255	Red 8 Trim
107	000-255	Green 8 coarse
108	000-255	Green 8 Trim
109	000-255	Blue 8 coarse

110	000-255	Blue 8 Trim
111	000-255	White 8 coarse
112	000-255	White 8 Trim
113	000-255	Y9 Coarse adjustment
114	000-255	Y9 Trim
115	000-255	Zoom in 9
116	000-255	Dimming 9 Coarse
117	000-255	Dimming 9 fine adjustment
118	000-255	Strobe 9
119	000-255	Red 9 Coarse
120	000-255	Red 9 Trim
121	000-255	Green 9 Coarse
122	000-255	Green 9 Trim
123	000-255	Blue 9 coarse
124	000-255	Blue 9 Trim
125	000-255	White 9 coarse
126	000-255	White 9 Trim
127	000-255	Y10 Coarse adjustment
128	000-255	Y10 Trim
129	000-255	Zoom in 10
130	000-255	Dimming 10 coarse
131	000-255	Dimming 10 fine adjustment
132	000-255	Strobe 10
133	000-255	Red 10 coarse
134	000-255	Red 10 Trim
135	000-255	Green 10 coarse
136	000-255	Green 10 Trim
137	000-255	Blue 10 coarse
138	000-255	Blue 10 Trim
139	000-255	White 10 coarse
140	000-255	White 10 Trim
141	000-255	Y11 Coarse adjustment
142	000-255	Y11 Fine adjustment
143	000-255	Zoom in 11
144	000-255	Dimming 11 Coarse
145	000-255	Dimming 11 fine adjustment
146	000-255	Strobe 11
147	000-255	Red 11 coarse
148	000-255	Red 11 fine adjustment
149	000-255	Green 11 Coarse
150	000-255	Green 11 Trim
151	000-255	Blue 11 Coarse
152	000-255	Blue 11 Trim
153	000-255	White 11 coarse
154	000-255	White 11 fine adjustment
155	000-255	Y 12 Coarse adjustment

156	000-255	Y 12 Fine adjustment
157	000-255	Zoom in 12
158	000-255	Dimming 12 Coarse adjustment
159	000-255	Dimming 12 fine adjustment
160	000-255	Strobe 12
161	000-255	Red 12 coarse
162	000-255	Red 12 Trim
163	000-255	Green 12 coarse
164	000-255	Green 12 Trim
165	000-255	Blue 12 coarse
166	000-255	Blue 12 Trim
167	000-255	White 12 coarse
168	000-255	White 12 Trim
169	000-255	Function

CH101 channel description:

Pass age way	Chann el value	Basic functions
1	000-255	Y 1 Coarse (Y Mode Direction)
2	000-255	Y 1 Fine adjustment (Y mode amplitude)
3	000-255	Y2 coarse adjustment
4	000-255	Y2 fine adjustment
5	000-255	Y3 Coarse adjustment
6	000-255	Y3 Trim
7	000-255	Y4 Coarse adjustment
8	000-255	Y4 Fine adjustment
9	000-255	Y5 Coarse adjustment
10	000-255	Y5 Trim
11	000-255	Y6 Coarse adjustment
12	000-255	Y6 Trim
13	000-255	Y7 Coarse adjustment
14	000-255	Y7 Trim
15	000-255	Y8 Coarse adjustment
16	000-255	Y8 Trim
17	000-255	Y9 Coarse adjustment
18	000-255	Y9 Trim
19	000-255	Y10 Coarse adjustment
20	000-255	Y10 Trim
21	000-255	Y11 Coarse adjustment
22	000-255	Y11 Fine adjustment
23	000-255	Y 12 Coarse adjustment
24	000-255	Y 12 Fine adjustment
25	000-255	Y Speed (Y Effect Speed)
26	000-255	Y mode
27	000-255	CTC

28	000-255	Color macro
29	000-255	Pattern
30	000-255	LED built-in effect
31	000-255	LED built-in effect speed
32	000-255	LED Built-in Effect Trailing Time
33	000-255	LED background color
34	000-255	LED background color light coarse adjustment
35	000-255	Dimming
36	000-255	Strobe
37	000-255	Zoom in 1
38	000-255	Zoom in 2
39	000-255	Zoom in 3
40	000-255	Zoom in 4
41	000-255	Zoom in 5
42	000-255	Zoom in 6
43	000-255	Zoom in 7
44	000-255	Zoom in 8
45	000-255	Zoom in 9
46	000-255	Zoom in 10
47	000-255	Zoom in 11
48	000-255	Zoom in 12
49	000-255	Function
50	000-255	Red
51	000-255	Green
52	000-255	Blue
53	000-255	White
54	000-255	Red 1
55	000-255	Green 1
56	000-255	Blue 1
57	000-255	White 1
58	000-255	Red 2
59	000-255	Green 2
60	000-255	Blue 2
61	000-255	White 2
62	000-255	Red 3
63	000-255	Green 3
64	000-255	Blue 3
65	000-255	White 3
66	000-255	Red 4
67	000-255	Green 4
68	000-255	Blue 4
69	000-255	White 4
70	000-255	Red 5
71	000-255	Green 5
72	000-255	Blue 5
73	000-255	White 5

74	000-255	Red 6
75	000-255	Green 6
76	000-255	Blue 6
77	000-255	White 6
78	000-255	Red 7
79	000-255	Green 7
80	000-255	Blue 7
81	000-255	White 7
82	000-255	Red 8
83	000-255	Green 8
84	000-255	Blue 8
85	000-255	White 8
86	000-255	Red 9
87	000-255	Green 9
88	000-255	Blue 9
89	000-255	White 9
90	000-255	Red 10
91	000-255	Green 10
92	000-255	Blue 10
93	000-255	White 10
94	000-255	Red 11
95	000-255	Green 11
96	000-255	Blue 11
97	000-255	White 11
98	000-255	Red 12
99	000-255	Green 12
100	000-255	Blue 12
101	000-255	White 12

CH155 channel description:

Pass age way	Chann el value	Basic functions
1	000-255	Y 1 Coarse (Y Mode Direction)
2	000-255	Y 1 Fine adjustment (Y mode amplitude)
3	000-255	Y2 coarse adjustment
4	000-255	Y2 fine adjustment
5	000-255	Y3 Coarse adjustment
6	000-255	Y3 Trim
7	000-255	Y4 Coarse adjustment
8	000-255	Y4 Fine adjustment
9	000-255	Y5 Coarse adjustment
10	000-255	Y5 Trim
11	000-255	Y6 Coarse adjustment
12	000-255	Y6 Trim
13	000-255	Y7 Coarse adjustment

14	000-255	Y7 Trim
15	000-255	Y8 Coarse adjustment
16	000-255	Y8 Trim
17	000-255	Y9 Coarse adjustment
18	000-255	Y9 Trim
19	000-255	Y10 Coarse adjustment
20	000-255	Y10 Trim
21	000-255	Y11 Coarse adjustment
22	000-255	Y11 Fine adjustment
23	000-255	Y 12 Coarse adjustment
24	000-255	Y 12 Fine adjustment
25	000-255	Y speed (Y mode speed)
26	000-255	Y mode
27	000-255	CTC
28	000-255	Color macro
29	000-255	Pattern
30	000-255	LED built-in effect
31	000-255	LED built-in effect speed
32	000-255	LED Built-in Effect Trailing Time
33	000-255	LED background color
34	000-255	LED background color light coarse adjustment
35	000-255	LED background color dimming fine adjustment
36	000-255	Dimming coarse adjustment
37	000-255	Dimming fine adjustment
38	000-255	Strobe
39	000-255	Zoom in 1
40	000-255	Zoom in 2
41	000-255	Zoom in 3
42	000-255	Zoom in 4
43	000-255	Zoom in 5
44	000-255	Zoom in 6
45	000-255	Zoom in 7
46	000-255	Zoom in 8
47	000-255	Zoom in 9
48	000-255	Zoom in 10
49	000-255	Zoom in 11
50	000-255	Zoom in 12
51	000-255	Function
52	000-255	Coarse red
53	000-255	Red Trim
54	000-255	Green coarse adjustment
55	000-255	Green Trim
56	000-255	Rough blue
57	000-255	Blue Trim
58	000-255	White coarse
59	000-255	White fine adjustment

60	000-255	Red 1 coarse
61	000-255	Red 1 Trim
62	000-255	Green 1 Coarse
63	000-255	Green 1 Trim
64	000-255	Blue 1 Coarse
65	000-255	Blue 1 Trim
66	000-255	White 1 Coarse
67	000-255	White 1 Trim
68	000-255	Red 2 Coarse
69	000-255	Red 2 Trim
70	000-255	Green 2 Coarse
71	000-255	Green 2 Trim
72	000-255	Blue 2 Coarse
73	000-255	Blue 2 Trim
74	000-255	White 2 coarse
75	000-255	White 2 Trim
76	000-255	Red 3 Coarse
77	000-255	Red 3 Trim
78	000-255	Green 3 Coarse
79	000-255	Green 3 Trim
80	000-255	Blue 3 Coarse
81	000-255	Blue 3 Trim
82	000-255	White 3 Coarse
83	000-255	White 3 Trim
84	000-255	Red 4 Coarse
85	000-255	Red 4 Trim
86	000-255	Green 4 Coarse
87	000-255	Green 4 Trim
88	000-255	Blue 4 Coarse
89	000-255	Blue 4 Trim
90	000-255	White 4 coarse
91	000-255	White 4 Trim
92	000-255	Red 5 coarse
93	000-255	Red 5 Trim
94	000-255	Green 5 coarse
95	000-255	Green 5 Trim
96	000-255	Blue 5 coarse
97	000-255	Blue 5 Trim
98	000-255	White 5 coarse
99	000-255	White 5 Trim
100	000-255	Red 6 Coarse
101	000-255	Red 6 Trim
102	000-255	Green 6 Coarse
103	000-255	Green 6 Trim
104	000-255	Blue 6 Coarse
105	000-255	Blue 6 Trim

106	000-255	White 6 Coarse
107	000-255	White 6 Trim
108	000-255	Red 7 coarse
109	000-255	Red 7 Trim
110	000-255	Green 7 Coarse
111	000-255	Green 7 Trim
112	000-255	Blue 7 Coarse
113	000-255	Blue 7 Trim
114	000-255	White 7 coarse
115	000-255	White 7 Trim
116	000-255	Red 8 coarse
117	000-255	Red 8 Trim
118	000-255	Green 8 coarse
119	000-255	Green 8 Trim
120	000-255	Blue 8 coarse
121	000-255	Blue 8 Trim
122	000-255	White 8 coarse
123	000-255	White 8 Trim
124	000-255	Red 9 Coarse
125	000-255	Red 9 Trim
126	000-255	Green 9 Coarse
127	000-255	Green 9 Trim
128	000-255	Blue 9 coarse
129	000-255	Blue 9 Trim
130	000-255	White 9 coarse
131	000-255	White 9 Trim
132	000-255	Red 10 coarse
133	000-255	Red 10 Trim
134	000-255	Green 10 coarse
135	000-255	Green 10 Trim
136	000-255	Blue 10 coarse
137	000-255	Blue 10 Trim
138	000-255	White 10 coarse
139	000-255	White 10 Trim
140	000-255	Red 11 coarse
141	000-255	Red 11 fine adjustment
142	000-255	Green 11 Coarse
143	000-255	Green 11 Trim
144	000-255	Blue 11 Coarse
145	000-255	Blue 11 Trim
146	000-255	White 11 coarse
147	000-255	White 11 fine adjustment
148	000-255	Red 12 coarse
149	000-255	Red 12 Trim
150	000-255	Green 12 coarse
151	000-255	Green 12 Trim

152	000-255	Blue 12 coarse
153	000-255	Blue 12 Trim
154	000-255	White 12 coarse
155	000-255	White 12 Trim

CH179 channel description:

Pass age way	Chann el value	Basic functions
1	000-255	Y 1 Coarse (Y Mode Direction)
2	000-255	Y 1 Fine adjustment (Y mode amplitude)
3	000-255	Y2 coarse adjustment
4	000-255	Y2 fine adjustment
5	000-255	Y3 Coarse adjustment
6	000-255	Y3 Trim
7	000-255	Y4 Coarse adjustment
8	000-255	Y4 Fine adjustment
9	000-255	Y5 Coarse adjustment
10	000-255	Y5 Trim
11	000-255	Y6 Coarse adjustment
12	000-255	Y6 Trim
13	000-255	Y7 Coarse adjustment
14	000-255	Y7 Trim
15	000-255	Y8 Coarse adjustment
16	000-255	Y8 Trim
17	000-255	Y9 Coarse adjustment
18	000-255	Y9 Trim
19	000-255	Y10 Coarse adjustment
20	000-255	Y10 Trim
21	000-255	Y11 Coarse adjustment
22	000-255	Y11 Fine adjustment
23	000-255	Y 12 Coarse adjustment
24	000-255	Y 12 Fine adjustment
25	000-255	Y speed (Y mode speed)
26	000-255	Y mode
27	000-255	CTC
28	000-255	Color macro
29	000-255	Pattern
30	000-255	LED built-in effect
31	000-255	LED built-in effect speed
32	000-255	LED Built-in Effect Trailing Time
33	000-255	LED background color
34	000-255	LED background color light coarse adjustment
35	000-255	LED background color dimming fine adjustment
36	000-255	Dimming coarse adjustment
37	000-255	Dimming fine adjustment

38	000-255	Strobe
39	000-255	Zoom in 1
40	000-255	Zoom in 2
41	000-255	Zoom in 3
42	000-255	Zoom in 4
43	000-255	Zoom in 5
44	000-255	Zoom in 6
45	000-255	Zoom in 7
46	000-255	Zoom in 8
47	000-255	Zoom in 9
48	000-255	Zoom in 10
49	000-255	Zoom in 11
50	000-255	Zoom in 12
51	000-255	Function
52	000-255	Coarse red
53	000-255	Red Trim
54	000-255	Green coarse adjustment
55	000-255	Green Trim
56	000-255	Rough blue
57	000-255	Blue Trim
58	000-255	White coarse
59	000-255	White fine adjustment
60	000-255	Dimming 1 coarse
61	000-255	Dimming 1 Trim
62	000-255	Red 1 coarse
63	000-255	Red 1 Trim
64	000-255	Green 1 Coarse
65	000-255	Green 1 Trim
66	000-255	Blue 1 Coarse
67	000-255	Blue 1 Trim
68	000-255	White 1 Coarse
69	000-255	White 1 Trim
70	000-255	Dimming 2 coarse adjustment
71	000-255	Dimming 2 Trim
72	000-255	Red 2 Coarse
73	000-255	Red 2 Trim
74	000-255	Green 2 Coarse
75	000-255	Green 2 Trim
76	000-255	Blue 2 Coarse
77	000-255	Blue 2 Trim
78	000-255	White 2 coarse
79	000-255	White 2 Trim
80	000-255	Dimming 3 Coarse
81	000-255	Dimming 3 Trim
82	000-255	Red 3 Coarse
83	000-255	Red 3 Trim

84	000-255	Green 3 Coarse
85	000-255	Green 3 Trim
86	000-255	Blue 3 Coarse
87	000-255	Blue 3 Trim
88	000-255	White 3 Coarse
89	000-255	White 3 Trim
90	000-255	Dimming 4 Coarse
91	000-255	Dimming 4 Trim
92	000-255	Red 4 Coarse
93	000-255	Red 4 Trim
94	000-255	Green 4 Coarse
95	000-255	Green 4 Trim
96	000-255	Blue 4 Coarse
97	000-255	Blue 4 Trim
98	000-255	White 4 coarse
99	000-255	White 4 Trim
100	000-255	Dimming 5 Coarse
101	000-255	Dimming 5 Trim
102	000-255	Red 5 coarse
103	000-255	Red 5 Trim
104	000-255	Green 5 coarse
105	000-255	Green 5 Trim
106	000-255	Blue 5 coarse
107	000-255	Blue 5 Trim
108	000-255	White 5 coarse
109	000-255	White 5 Trim
110	000-255	Dimming 6 Coarse
111	000-255	Dimming 6 Trim
112	000-255	Red 6 Coarse
113	000-255	Red 6 Trim
114	000-255	Green 6 Coarse
115	000-255	Green 6 Trim
116	000-255	Blue 6 Coarse
117	000-255	Blue 6 Trim
118	000-255	White 6 Coarse
119	000-255	White 6 Trim
120	000-255	Dimming 7 Coarse
121	000-255	Dimming 7 fine adjustment
122	000-255	Red 7 coarse
123	000-255	Red 7 Trim
124	000-255	Green 7 Coarse
125	000-255	Green 7 Trim
126	000-255	Blue 7 Coarse
127	000-255	Blue 7 Trim
128	000-255	White 7 coarse
129	000-255	White 7 Trim

130	000-255	Dimming 8 Coarse
131	000-255	Dimming 8 fine adjustment
132	000-255	Red 8 coarse
133	000-255	Red 8 Trim
134	000-255	Green 8 coarse
135	000-255	Green 8 Trim
136	000-255	Blue 8 coarse
137	000-255	Blue 8 Trim
138	000-255	White 8 coarse
139	000-255	White 8 Trim
140	000-255	Dimming 9 Coarse
141	000-255	Dimming 9 fine adjustment
142	000-255	Red 9 Coarse
143	000-255	Red 9 Trim
144	000-255	Green 9 Coarse
145	000-255	Green 9 Trim
146	000-255	Blue 9 coarse
147	000-255	Blue 9 Trim
148	000-255	White 9 coarse
149	000-255	White 9 Trim
150	000-255	Dimming 10 coarse
151	000-255	Dimming 10 fine adjustment
152	000-255	Red 10 coarse
153	000-255	Red 10 Trim
154	000-255	Green 10 coarse
155	000-255	Green 10 Trim
156	000-255	Blue 10 coarse
157	000-255	Blue 10 Trim
158	000-255	White 10 coarse
159	000-255	White 10 Trim
160	000-255	Dimming 11 Coarse
161	000-255	Dimming 11 fine adjustment
162	000-255	Red 11 coarse
163	000-255	Red 11 fine adjustment
164	000-255	Green 11 Coarse
165	000-255	Green 11 Trim
166	000-255	Blue 11 Coarse
167	000-255	Blue 11 Trim
168	000-255	White 11 coarse
169	000-255	White 11 fine adjustment
170	000-255	Dimming 12 Coarse adjustment
171	000-255	Dimming 12 fine adjustment
172	000-255	Red 12 coarse
173	000-255	Red 12 Trim
174	000-255	Green 12 coarse
175	000-255	Green 12 Trim

176	000-255	Blue 12 coarse
177	000-255	Blue 12 Trim
178	000-255	White 12 coarse
179	000-255	White 12 Trim

V. Technical parameters:

Voltage: AC100-240V 50/60HZ

Power: 12 * 60W 4IN1 Zoom wash moving (800W)

Beads: 12 4-in-1 60W LED Beads

Control mode: DMX512, self-propelled, master-slave, voice control, with RDM function
CH20/CH169A/CH169 B/CH53/CH101/CH155/CH179

Dimming: 32bit 0 ~ 100% linear dimming

Features: single swing + dyeing + light beam

Working temperature: -30 °C ~ 50 °C

Strobe frequency: 1 ~ 30HZ

Appearance: metal, black

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

IP rating: IP20

Dimensions:

Weight: