



YELLOWRIVER
MAKE YOUR STAGE TO BE MORE EXCELLENT

(Model: YR-D4012QZ)



User Manual

Please read these instructions carefully before use

1. Display panel and key definition



Order key: enter / return to the main menu

Up key: menu function selection up / parameter pass add

Down key: Menu function selection down / parameter decreasing

Conkey: Select the menu function and save the menu function parameters.

2. Menu function

After the machine is reset, press the menu button and enter the main menu (exit the main menu interface for 30 seconds), see the main menu menu (5 main menu options); select the main menu up or down, and confirm to modify each menu

Functional parameters, and then press the confirmation key to save the current functional parameters (after saving the power loss memory).

Primary menu	submenu	Menu function description
1. System setting	1. The DMX address	Modify DMX up or down, address code (optional range 001-512), confirm key save, default 001.
	2, encoder	Up or down to modify the encoder on / off, confirm the key to save, on by default.
	3, X inversion	Up or down X reverse on / off, confirm the key is saved, off by default.

182	000-255	Auxiliary light blue 22
183	000-255	Auxiliary light white 22
184	000-255	Fuguang huang 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	Fuguang huang 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	Fuguang huang 24

5.technical parameter:

Voltage: AC 100~240V 50 / 60 HZ Power: 500W

Light beads: 12X 40W four in one led , 288 pcs (96pcsRGB+96pcs white+96pcs gold color)

Control mode: DMX512, self-travel, master-slave, voice control, with RDM function.

Channel: CH 26, CH 38, CH 62. CH 74. CH 194.

Dimming: 32bit 0~100% Linear dimming

Features: Y shake head + beam + flash + auxiliary light Operating temperature: -30 degrees ~50 degrees

Floribe frequency: 1 ~ 30 HZ

Appearance: metal, black

Connection mode: DMX 512 input / output / power input / output.

IP grade: IP 20

	4, and Y inversion	Modify Y up or down to turn on / off, confirm that the key is saved, and close by default.
	5. Advanced Settings	
2. Operation mode	1. Operation mode	Up or down select running mode DMX / voice / automatic, confirm key save, default DMX.
	2. Channel selection	Select up or down channel CH 26, CH 38, CH 62. CH 74. CH 194 confirmation key save, default CH 26.
3. Manual control	1, and the Y-axis	Modify the parameter value up or down (adjustable range 000-255), confirm the key save, default 000.
	2, Y fine- tuning	Modify the parameter value up or down (adjustable range 000-255), confirm the key save, default 000.
	3, and Y speed	Modify the parameter value up or down (adjustable range 000-255), confirm the key save, default 000.
	4. Focus tuning	Modify the parameter value up or down (adjustable range 000-255), confirm the key save, default 000.
	5. Tuning	Modify the parameter value up or down (adjustable range 000-255), confirm the key save, default 000.
	6, A strobe	Modify the parameter value up or down (adjustable range 000-255), confirm the key save, default 000.
	7, A, which are colored in red	Change the red bead brightness up or down (adjustable range 000-255), confirm the key save, default 000.
	8, A is green	Change the green bead brightness up or down (adjustable range 000-255), confirm the key save, default 000.
	9, A, in blue	Change the blue bead brightness up or down (adjustable range 000-255), confirm the key save, default 000.

10, A, in white	Change white bead brightness up or down (adjustable range 000-255), confirm key save, default 000.
11, A pattern	Modify the parameter value up or down (adjustable range 000-255), confirm the key save, default 000.
12, A, the speed	Modify the parameter value up or down (adjustable range 000-255), confirm the key save, default 000.
13, A background color	Modify the parameter value up or down (adjustable range 000-255), confirm the key save, default 000.
14, A, the background tone of light	Modify the parameter value up or down (adjustable range 000-255), confirm the key save, default 000.
15, B frequency strobe	Modify the parameter value up or down (adjustable range 000-255), confirm the key save, default 000.
16, and B are colored in red	Change red bead brightness up or down (adjustable range 000-255), confirm key save, default 255.
17, and B is green	Change green bead brightness up or down (adjustable range 000-255), confirm key save, default 255.
18, and B are colored in blue	Change the blue bead brightness up or down (adjustable range 000-255), confirm the key save, default 255.
19, and B in white	Change white color bead brightness (adjustable range 000-255), confirm key save, default 255.
20, and B is yellow	Modify blue and yellow bead brightness (adjustable range 000-255), confirm key save, default 255.
21, B pattern	Modify the parameter value up or down (adjustable range 000-255), confirm the key save, default 000.

155	000-255	Auxiliary 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 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	Auxiliary light white 19
169	000-255	Fuguang huang 19
170	000-255	Auxiliary light red 20
171	000-255	Bylight 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	Fuguang huang 21
180	000-255	Auxiliary light red 22
181	000-255	Auxiliary light green 22

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	Fuguang huang 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	Fuguang huang 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	Fuguang huang 16

	22, and B of the speed	Modify the parameter value up or down (adjustable range 000-255), confirm the key save, default 000.	
	23, and B in the same direction	Modify the parameter value up or down (adjustable range 000-255), confirm the key save, default 000.	
	24, B, the background color	Modify the parameter value up or down (adjustable range 000-255), confirm the key save, default 000.	
	25, B background tone light	Modify the parameter value up or down (adjustable range 000-255), confirm the key save, default 000.	
	26. Restage	Yes / no	
	4. Display the settings	1. Language selection	Select Chinese / EN (English) up or down, confirm the key to save, default Chinese.
2. Invert the display setting		Select off / On up or down, confirm that the key is saved and close by default.	
3. Screen protection		Up or down, save the key to save by default.	
4. Software version		069C Program identification code, not modifiable.	
5. Factory Settings	Show: Please enter the password! Up or down to 138, press confirm and enter the	1. the Y-axis calibration	Modify parameters up or down (range 000-255), confirm key save, default 128.
		2. focus adjustment 1 calibration	Up or down modify focus 1 calibration (000-255), confirm key save, default 128.
		3. focus adjustment 2 calibration	Change focus 2 calibration (000-255), confirm key save, default 128.

factory setting.	4. Focus adjustment schedule	Modify focus stroke (000-255), confirm key save, default 128.
	5. Red	Change the red bead current (032-255), confirm key save, default 252.
	6.Green	Modify the green bead current (032-255), confirm the key save, default 252.
	7. Blue	Change the blue bead current (032-255), confirm the key save, default 252.
	8.White	Change the white bead current (032-255), confirm key save, default 252.
	9.LED Num	Select 000 / 0012 up or down, confirm key save, default 001.
	10. Current	Select 000 / 007 up or down, confirm key save, default 004.
	11.Speed	Select 000 / 007 up or down, confirm key save, default 000.
	12 .LOGO	L Select 000 / 001 up or down, confirm the key save, default 000.
	13. temperature	Modify temperature parameters up or down (range 40-70), confirm key save, default 065.
	14. Temperature-fan	Select off / on temperature-Fan control, confirm key save, on by default.
	15.LED	LED beads sequential select LEDA / LED DB
	16 .ETO	ETO

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	Light green 7
107	000-255	Light blue 7
108	000-255	Auxiliary light white 7
109	000-255	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	Fulight yellow 10
125	000-255	Auxiliary light red 11
126	000-255	Auxiliary light green 11
127	000-255	Auxiliary light blue 11

74	000-255	Main light White 12
75	000-255	Auxiliary light red 1
76	000-255	Auxiliary light green 1
77	000-255	Parlight Blue 1
78	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	Parlight Blue 2
83	000-255	Auxiliary light white 2
84	000-255	Fuguang huang 2
85	000-255	Auxiliary light red 3
86	000-255	Light green 3
87	000-255	Auxiliary light blue 3
88	000-255	Auxiliary light white 3
89	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	Light green 5
97	000-255	Light blue 5
98	000-255	Auxiliary light white 5
99	000-255	Auxiliary light yellow 5
100	000-255	Auxiliary light red 6

3. Master-slave machine control

Two or more identical lamps are connected with DMX three-core signal line, all lamps are modified to 001~512 any address code, set for the other set and the other lamps are slave, all machines shall adjust the gradual change, the ripple, jump, sound control and self-walking effect.

Special attention: 1, a group of lamps can only be set with one host, if there are more than one host, all the lamps will flash and not synchronized.

2. All lamps must be used when the DMX 512 console is closed.

4. DMX 512 Control

All the address codes of lamps are set, and all lamps are connected to the DMX 512 console with DMX three-core signal lines. The address code stops flashing, indicating that the DMX 512 console signal has been sent to the lamps, and the relevant functions are controlled with the DMX 512 console according to the channel instructions.

CH 26 channel description:

Channel	The channel value	basic function
1	000-255	any power-generating or power-driven machine
2	000-255	Motor fine-tuning
3	000-255	Motor speed
4	000-255	focus
5	000-255	aiming
6	000-255	Main light flash
7	000-255	Main light red
8	000-255	The main light green
9	000-255	Main light blue
10	000-255	Main light white
11	000-255	Main light mode
12	000-255	Main light speed

13	000-255	Main light background color
14	000-255	Main light background tone light
15	000-255	Auxiliary light frequency flash
16	000-255	Auxiliary light red
17	000-255	Light green
18	000-255	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 background color
25	000-255	Auxiliary light background tone light
26	000-255	reset

47	000-255	Main light is red 6
48	000-255	Main light green 6
49	000-255	Main Light Blue 6
50	000-255	Main light white 6
51	000-255	Main light red 7
52	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 is red 8
56	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 is 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
68	000-255	Main Light Green 11
69	000-255	Main Light Blue 11
70	000-255	Main light White 11
71	000-255	Main light red 12
72	000-255	Main Light Green 12
73	000-255	Main Light Blue 12

CH 38hannel description:

Channel	The channel value	basic function
1	000-255	any power-generating or power-driven machine
2	000-255	Motor fine-tuning
3	000-255	Motor speed
4	000-255	focus
5	000-255	aiming
6	000-255	Main light flash
7	000-255	Main light red
8	000-255	The main light green
9	000-255	Main light blue
10	000-255	Main 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 background color
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
42	000-255	Main light White 4
43	000-255	Main light red 5
44	000-255	Main light green 5
45	000-255	Main light blue 5
46	000-255	Main light white 5

11	000-255	Main light mode
12	000-255	Main light speed
13	000-255	Main light background color
14	000-255	Main light background tone light
15	000-255	Auxiliary light frequency flash
16	000-255	Auxiliary light red
17	000-255	Light green
18	000-255	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 background color
25	000-255	Auxiliary light background tone light
26	000-255	reset
27	000-255	Primary light, LED1
28	000-255	Primary light, LED2
29	000-255	Primary light, LED3
30	000-255	Primary light, LED4
31	000-255	Primary light, LED5
32	000-255	Primary light, LED6
33	000-255	Primary light, LED7
34	000-255	Primary light LED8
35	000-255	Primary light, LED9
36	000-255	Primary light LED10
37	000-255	Primary light LED11
38	000-255	Primary light LED12

CH 62channel description:

Channel	The channel value	basic function
1	000-255	any power-generating or power-driven machine
2	000-255	Motor fine-tuning
3	000-255	Motor speed
4	000-255	focus
5	000-255	aiming
6	000-255	Main light flash
7	000-255	Main light red
8	000-255	The main light green
9	000-255	Main light blue
10	000-255	Main light white
11	000-255	Main light mode
12	000-255	Main light speed
13	000-255	Main light background color
14	000-255	Main light background tone light
15	000-255	Auxiliary light frequency flash
16	000-255	Auxiliary light red
17	000-255	Light green
18	000-255	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 background color
25	000-255	Auxiliary light background tone light

72	000-255	Main Light Green 12
73	000-255	Main Light Blue 12
74	000-255	Main light White 12

CH 194channel description:

Channel	The channel value	basic function
1	000-255	any power-generating or power-driven machine
2	000-255	Motor fine-tuning
3	000-255	Motor speed
4	000-255	focus
5	000-255	aiming
6	000-255	Main light flash
7	000-255	Main light red
8	000-255	The main light green
9	000-255	Main light blue
10	000-255	Main light white
11	000-255	Main light mode
12	000-255	Main light speed
13	000-255	Main light background color
14	000-255	Main light background tone light
15	000-255	Auxiliary light frequency flash
16	000-255	Auxiliary light red
17	000-255	Light green
18	000-255	Light blue
19	000-255	Auxiliary light white

45	000-255	Main light blue 5
46	000-255	Main light white 5
47	000-255	Main light is red 6
48	000-255	Main light green 6
49	000-255	Main Light Blue 6
50	000-255	Main light white 6
51	000-255	Main light red 7
52	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 is red 8
56	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 is 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
68	000-255	Main Light Green 11
69	000-255	Main Light Blue 11
70	000-255	Main light White 11
71	000-255	Main light red 12

26	000-255	reset
27	000-255	Primary light, LED1
28	000-255	Primary light, LED2
29	000-255	Primary light, LED3
30	000-255	Primary light, LED4
31	000-255	Primary light, LED5
32	000-255	Primary light, LED6
33	000-255	Primary light, LED7
34	000-255	Primary light LED8
35	000-255	Primary light, LED9
36	000-255	Primary light LED10
37	000-255	Primary light LED11
38	000-255	Primary light LED12
39	000-255	Auxiliary light, LED1
40	000-255	Secondary-light LED2
41	000-255	Auxiliary light, LED3
42	000-255	Auxiliary light, LED4
43	000-255	Auxiliary light, LED5
44	000-255	Auxiliary light LED6
45	000-255	Auxiliary light LED7
46	000-255	Secondary light LED8
47	000-255	Secondary light LED9
48	000-255	Auxiliary light LED10
49	000-255	Secondary light LED11
50	000-255	Secondary light LED12
51	000-255	Auxiliary light LED13
52	000-255	Secondary light LED14
53	000-255	Secondary light LED15

54	000-255	Secondary light LED16
55	000-255	Auxiliary light LED17
56	000-255	Auxiliary light LED18
57	000-255	Auxiliary light LED19
58	000-255	Secondary light LED20
59	000-255	Secondary light LED21
60	000-255	Secondary light LED22
61	000-255	Secondary light LED23
62	000-255	Secondary light LED24

CH 74channel description:

1	000-255	any power-generating or power-driven machine
2	000-255	Motor fine-tuning
3	000-255	Motor speed
4	000-255	focus
5	000-255	aiming
6	000-255	Main light flash
7	000-255	Main light red
8	000-255	The main light green
9	000-255	Main light blue
10	000-255	Main light white
11	000-255	Main light mode
12	000-255	Main light speed
13	000-255	Main light background color
14	000-255	Main light background tone light
15	000-255	Auxiliary light frequency flash
16	000-255	Auxiliary light red
17	000-255	Light green

18	000-255	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 background color
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
42	000-255	Main light White 4
43	000-255	Main light red 5
44	000-255	Main light green 5