

433MHz remote control instructions

I. Basic Instructions

1. Supports 10-zone RGB color adjustment with slow flash, fast flash, and ultra-fast flash functions;
2. Features 16 partition buttons supporting 15-color switching, flashing, auto color change, breathing flash, and racing functions.
3. Supports low-power reception of wristband (fluorescent rod) and ultra-long standby time;
4. The wristband's remote control features an auto-lock button. If no remote operation or button press occurs for 20 minutes, it automatically enters standby mode.

2、technical parameter :

- 1、Operating voltage: 90V~230V (input of power adapter)
- 2、Working frequency: 433.92MHz
- 3、Maximum range: 1200 meters in open areas (depending on the combination of wristbands and rods);

3. Remote control operation instructions

Warning: Connect the antenna before powering on, otherwise the remote control may be damaged!



The remote has multiple control modes and can be switched using the blue function selection button

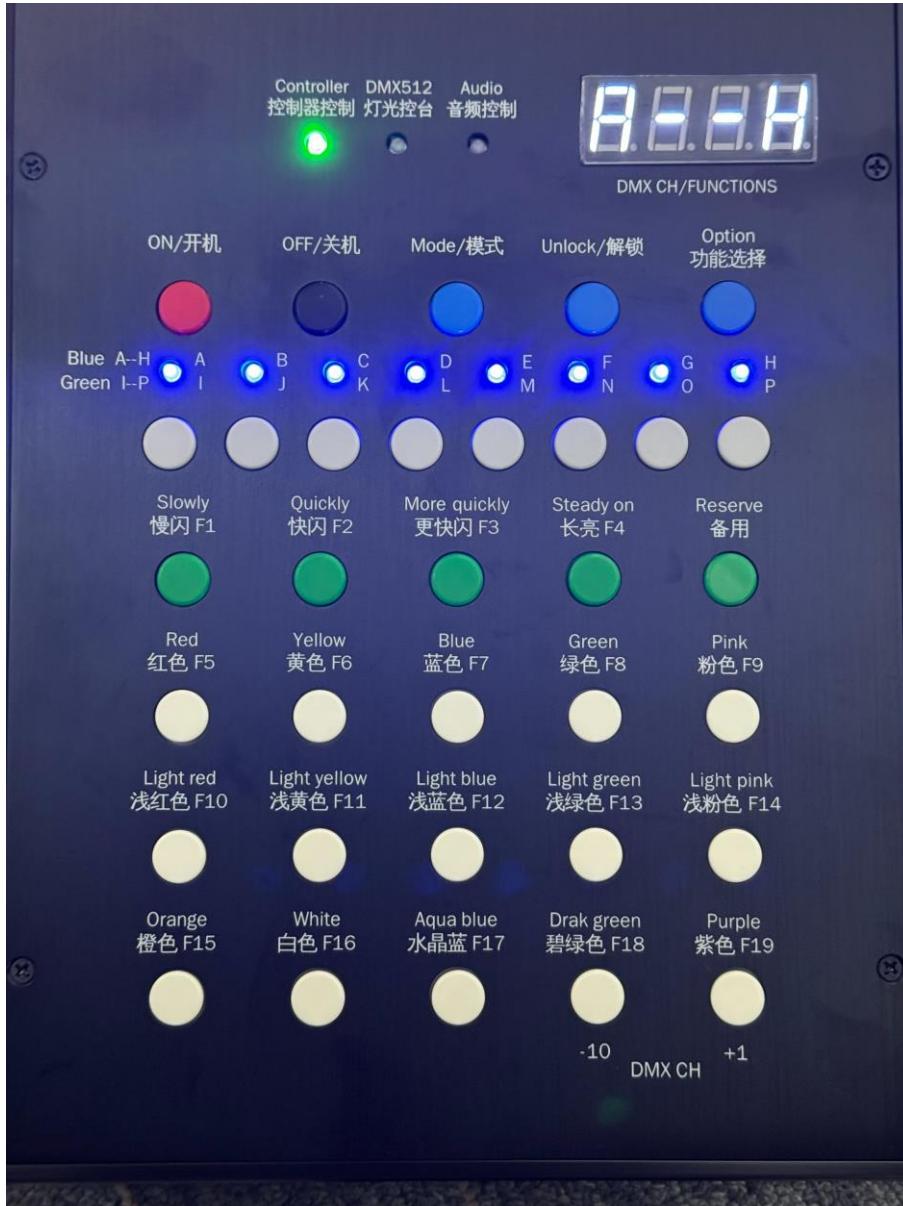
1、 Controller key mode: Press the 'Function Selection' key to switch to

'Controller Control' with the green indicator light on and DMX CH/MODE displaying 'C-P1'. Press the 'Page Flip' key to switch to 'C-P2' or 'C-P3'.

"C-P1": The partition selection indicator lights up red, corresponding to zones A to H. Press the corresponding button to control the color-changing and flashing functions.

"C-P2": The partition selection indicator lights up green, corresponding to the I to P zones. Press the corresponding button to control the color-changing and flashing functions.

"C-P3": Remote control pre-programming feature, with specific functions to be described later.



2、 Audio Control Mode: Press the 'Function Select' key to switch to 'Controller Control'. The green indicator light illuminates and the DMX CH/MODE displays 'AUD-'. Connect the audio input to the 'Audio Input' port on the remote's back panel. The LED indicator flashes with the audio signal, changing colors randomly every 3 seconds. During audio input, the partition keys and function keys become inactive, meaning the audio mode applies to all zones.

3、 Lighting console (DMX512) mode: Press the "Function

"Selection" key to switch to DMX512 mode. The white indicator light will illuminate, and the DMX CH will display "Dxxx".

A. Supports 10-zone DMX operation, requiring 40 DMX channels.

B. The DMX address defaults to 001 (displayed as D001 on the digital display). You can adjust the address via buttons: press -10 to reduce by 10, and press +1 to increase by 1. The button layout is shown in the figure below.



C. DMX Channel Function Description:

channel		scale	
1	Function	0~255	Area Color

	Channel		Adjustment
2	R	0~255	
3	G	0~255	
4	B	0~255	
5	Function Channel	0~255	Color Adjustment B
6	R	0~255	
7	G	0~255	
8	B	0~255	
9	Function Channel	0~255	Color Adjustment
10	R	0~255	
11	G	0~255	
12	B	0~255	
13	Function Channel	0~255	D Color Adjustment
14	R	0~255	
15	G	0~255	
16	B	0~255	
17	Function Channel	0~255	Color Adjustment for Zone E
18	R	0~255	
19	G	0~255	
20	B	0~255	
21	Function Channel	0~255	Color adjustment for Zone F
22	R	0~255	
23	G	0~255	
24	B	0~255	
25	Function Channel	0~255	G Color Adjustment
26	R	0~255	
27	G	0~255	
28	B	0~255	
29	Function Channel	0~255	Color Adjustment
30	R	0~255	
31	G	0~255	
32	B	0~255	
33	Function Channel	0~255	Color Adjustment
34	R	0~255	
35	G	0~255	
36	B	0~255	
37	Function Channel	0~255	Color Adjustment Zone J
38	R	0~255	

39	G	0~255	
40	B	0~255	

Function channel description	
0~50	Always on
51~100	Flash
101~150	quick flashing
150~255	Faster

RGB channel description	
DMX channel value	output RGB
0~15	0
16~30	4
31~45	8
46~60	15
61~75	25
76~90	45
91~105	75
106~120	109
121~135	122
136~150	137
151~165	210
166~180	155
181~195	175
196~210	195
211~225	230
226~255	255

4. Detailed description of the function of the controller control mode button:

C-P1/C-P2 button functions	
key	function
ON/ starting up	When on, the wristband wakes up from low-power mode. The selected area is red.
OFF/ shut down	Turn off selected area
Unlock	Unlock wristband button
Page/ page turning	Switch C-P1/P2/P3 functions
Slow/Flash/F1	Slow flash sync

Red	Red selection
Green/绿色/F3	Selected area green
Blue/F4	Selected area is blue
Quickly/Flash/F5	Sync selected flash
Pink/F6	Selected area pink
White/White/F7	Selected area is white
Yellow/F8	Selected area yellow
Flash faster/F9	Synchronize selected area faster
Light blue/Bluish/F10	Light blue selection
Light green/Off green/F11	Light green selection
Purple/12	Selected area is purple
Stay on/Always on/F13	Keep selection highlighted
Orange/F14	Selected area is orange
Light Pink/F15	Light pink selection
Aqua blue/ Crystal blue / F16	Selected area is crystal blue
Reserve/Backup	NF
Light yellow/浅黄色/F17	Light yellow selection
Dark green/Biyuanshi/F18	Light blue selected area
Light red/Fluorescent red/F17	Light red selection

C-P3 button function

key	function
ON/ starting up	When on, the wristband wakes up from low-power mode. The selected area is red.
OFF/ shut down	Turn off selected area
Unlock	Unlock wristband button
Page/ page turning	Switch C-P1/P2/P3 functions
Slow/Flash/F1	The selected area is not syncing. Flash
Red	15 colors automatically change in the selected area
Green/绿色/F3	15 color breathing changes
Blue/F4	Current color breathing flash
Quickly/Flash/F5	The selected area is not synced with Flash
Pink/F6	10-part rainbow flash
White/White/F7	Current color cycling left and right
Yellow/F8	Blue and White Flash
Flash faster/F9	Selected area is not synced
Light blue/Bluish/F10	A seven-color five-zone light-and-dark running horse
Light green/Off green/F11	Cool Mode
Purple/12	Current Color 2 Partition Race

Stay on/Always on/F13	Keep selection highlighted
Orange/F14	Random colors light up one by one from right to left
Light Pink/F15	Random colors light up one by one from left to right
Aqua blue/ Crystal blue / F16	Stack from left to right
Reserve/Backup	NF
Light yellow/浅黄色/F17	10 sections with green background and red running horses
Dark green/Biyuansi/F18	5. Run back and forth in the area
Light red/Fluorescent red/F17	15 colors change quickly