

# Use manual of led moving Beam



**Model: WKY-BEAM12**



**Wecan Technology and Lighting Co., Ltd**

[www.wecanlight.com](http://www.wecanlight.com)

## 一. Technical Reference

Voltage: AC 90-240v, 50/60Hz

Power consumption: 150w

Lamp: CREE MEC 12w × 12PCS LED(RGBW 4 Into 1)

Channel: 11 CH / 15 CH

Control: DMX, master slave mode, auto mode, sound mode

Movement range: Pan: 450°/ Tilt: 270°

Carton Size: 267×254×304mm

Beam Angle:2° G.W.: 6.5kg

Display: TFT touch screen (Chinese / English menu)

## 二. Channel model

Channel	Channel mode	
	11 Channel	15 Channel
1	General dimmer	General dimmer
2	Red dimmer	Red dimmer
3	Green dimmer	Green dimmer
4	Blue dimmer	Blue dimmer
5	White dimmer	White dimmer
6	user defined color dimmer	user defined color dimmer
7	X	X
8	Y	Y
9	X fine (16Bit)	X fine (16Bit)
10	Y fine (16Bit)	Y fine (16Bit)
11	XY speed	XY speed
12		Strobe
13		Auto, sound
14		Optional macro
15		ID code settings

➤ Auto/Sound control – Channel 13

BIT	EFFECT	effects	Remarks
0		No effects	
1-25		Open controller delaying	
26-50		Close controller delaying	
51-90		Color choosing	
91-130		Color pulsing	
131-170		Color jumping	
171-210		Color gradient	
211-250		Internal program	
251-255		Sound mode	

➤ Optional macro – Channel 14

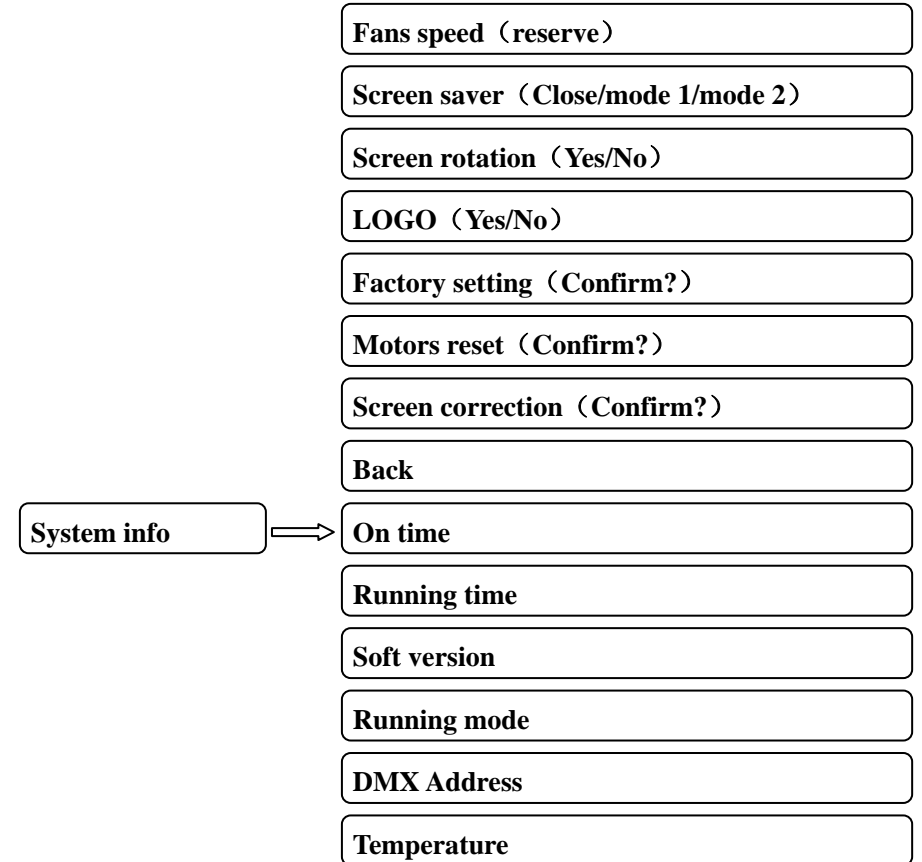
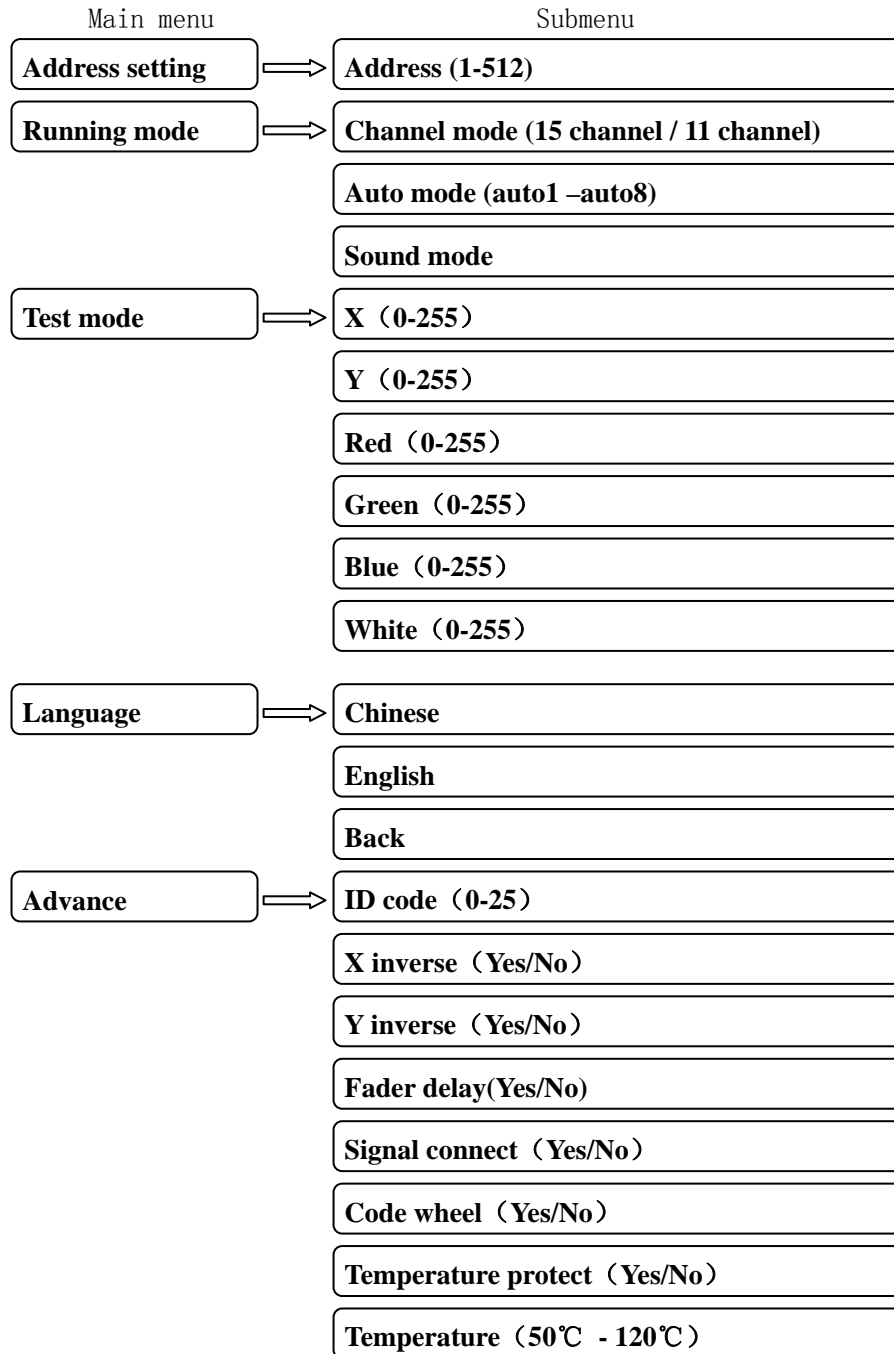
BIT	EFFECT	effects
0-255		Color speed for CH14 value(90-210)
0		No effects
1-20		R255 G ↑ B0 W0
21-40		R ↓ G255 B0 W0
41-60		R0 G255 B ↑ W0
61-80		R0 G ↓ B255 W0
81-100		R ↑ G0 B255 W0
101-120		R255 G0 B ↓ W0
121-140		R255 G ↑ B ↑ W0
141-160		R ↓ G ↓ B255 W0
161-170		R255 G255 B255 W255
171-200		R0 G0 B0 W0
201-205		R242 G204 B5 W227
206-210		R242 G215 B5 W227
211-215		R255 G255 B50 W255
216-220		R255 G255 B90 W255
221-225		R255 G255 B118 W255
226-230		R255 G255 B132 W255
231-235		R255 G255 B151 W255

236-240		R255 G255 B171 W255
241-245		R255 G255 B185 W255
246-250		R255 G255 B197 W255
251-255		R255 G255 B234 W255

➤ ID code settings – Channel 15

BIT	EFFECT	effects	Remarks
0-9		ID code invalid	
10-19		ID1	
20-29		ID2	
30-39		ID3	
40-49		ID4	
50-59		ID5	
60-69		ID6	
70-79		ID7	
80-89		ID8	
90-99		ID9	
100-109		ID10	
110-119		ID11	
120-129		ID12	
130-139		ID13	
140-149		ID14	
150-159		ID15	
160-169		ID16	
170-179		ID17	
180-189		ID18	
190-199		ID19	
200-209		ID20	
210-219		ID21	
220-229		ID22	
230-239		ID23	
240-249		ID24	
250-255		ID25	

## 二. Menu description



### ↳ Main menu

“Menu”: Back to previous interface

“Enter”: To operate function, start / exit to edit.

“UP” & “Down”: To operate function, start / exit to edit status.

### ↳ Submenu

Address setting	Setting DMX address from 001 to 512
Run mode	DMX mode, auto mode, sound mode
DMX	received DMX signal from Controller
Auto	Automatically running
Sound	Sound control



Test mode	Setting the location of X/Y, Zoom, luminance of R.G.B.W
	Can be set up the user defined color (CH6) depend on adjusting luminance of R.G.B.W. color in this interface.



Language	Chinese / English operation
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Setting up

ID code	The functions act on CH15. When the value of CH15 correspond to the ID code, other functions is valid, as the chart shows
Pan inverse:	Rotating inversely
Tilt inverse:	Rotating inversely

Fader delay	It will be fade delayingly in dimmer
Signal link	All of lamp off if disconnecting signal
Code wheel	Automatically fixing correct location of X/Y motors
Temp switch set	
Temperature set	
Fan speed	Reverse
Screen saver	Mode 1: it will show "001" in the screen Mode 2: it will be blackout in the screen
Screen rotation:	make the screen rotation 180°
LOGO	Display LOGO (Yes / No)
Factory settings	recover to factory settings
Reset	motor reset.
Calibration Touch screen	When the screen and touch screen have skewing , can recalibrate

System information:

1	On time
2	Run time
3	Software version
4	Running model
5	Dmx address
6	Aluminum plate temperature

