

SAILWIN BEAM MOVING HEAD

SW-B380



User Manual

catalogue

1. Major function	1
2. DMX Channel table	2
3. Display board function operation	4
4. Menu structure	5
5. Troubleshooting	7

1.Major Function

- **Input voltage: AC 100v-240v/47-63hz**
- **Power waste: 380 W**
- **Bulb type: OSRAM 380W**
- **Control mode: DMX512 control / built-in self-propelled / voice controlled self-propelled / master-slave**
- **Channel mode: 18 channels**
- **One color disc has 14 colors plus white light, and one pattern disc has 13 patterns plus white light.**
The color wheel has a flowing half color effect. The pattern disc has the effect of water rolling and shaking.
- **Two prisms with arbitrary angle positioning and positive and negative rotation effects respectively.**
- **The stroboscopic has multiple stroboscopic functions, and the gradual opening and closing light is smooth without jitter**
- **Degree of protection: IP20**
- **Product Size: 24.7*52*30CM**
- **Packing Size: 56*38.5*44CM G.W.:15KG**
- **Net weight: 13.7KG**

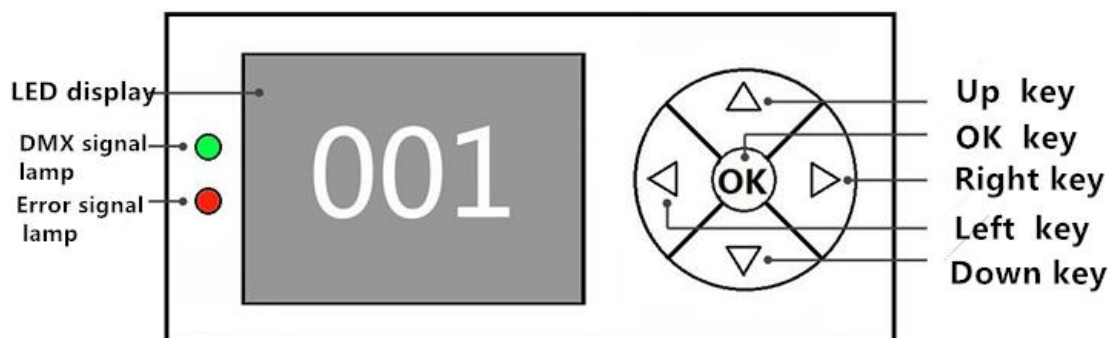
2.DMX Channel table

DMX Channel table

18CH			
Thoroughfare	Function	Numerical value	Describe
1	x-axis	0-255	0-540 degrees
2	y-axis	0-255	0-270 degrees
3	X-axis fine-tuning	0-255	X-axis 16 bit
4	Y-axis fine-tuning	0-255	Y-axis 16 bit
5	XY speed	0-255	Fast to slow speed
6	Seven Colors	0 - 127	No effect
		128 - 255	Cut into Rainbow
7	Flicker	0 - 3	No effect
		4 - 103	Ordinary strobe light
		104 - 107	Dimming
		108 - 207	Pulse flicker
		208 - 212	Dimming
		213 - 251	Random flicker
		252 - 255	Dimming
8	Dimming	0-255	0-100% linear dimming
9	Color disc	0 - 4	white light
		5 - 9	White light+color 1
		10 - 14	Color 1
		15 - 19	Color 1+Color 2
		20 - 24	Color 2
		25 - 29	Color 2+Color 3
		30 - 34	Color 3
		35 - 39	Color 3+Color 4
		40 - 44	Color 4
		45 - 49	Color 4+Color 5
		50 - 54	Color 5
		55 - 59	Color 5+Color 6
		60 - 64	Color 6
		65 - 69	Color 6+Color 7
		70 - 74	Color 7
		75 - 79	Color 7+Color 8
		80 - 84	Color 8
		85 - 89	Color 8+Color 9
		90 - 94	Color 9
		95 - 99	Color 9+Color 10
		100 - 104	Color 10
		105 - 109	Color 10+Color 11

		110 - 114	Color 11
		115 - 119	Color 11+Color 12
		120 - 124	Color 12
		125 - 129	Color 12+Color 13
		130 - 134	Color 13
		135 - 139	Color 13+Color 14
		140 - 144	Color 14
		145 - 149	Color 14+White
		150 - 200	Clockwise rotation from fast to slow
		201 - 255	Rotate counterclockwise from slow to fast
10	Fixed diagram disk	0 - 4	circular hole
		5 - 9	Pattern 1
		10 - 14	Pattern 2
		15 - 19	Pattern 3
		20 - 24	Pattern 4
		25 - 29	Pattern 5
		30 - 34	Pattern 6
		35 - 39	Pattern 7
		40 - 44	Pattern 8
		45 - 49	Pattern 9
		50 - 54	Pattern 10
		55 - 59	Pattern 11
		60 - 64	Pattern 12
		65 - 69	Pattern 13
		70 - 125	Clockwise rotation from fast to slow
		126 - 130	circular hole
		131 - 190	Rotate counterclockwise from slow to fast
		191 - 195	Pattern 1 Shake
		196 - 200	Pattern 2 Shake
		201 - 205	Pattern 3 Shake
		206 - 210	Pattern 4 Shake
		211 - 215	Pattern 5 Shake
		216 - 220	Pattern 6 Shake
		221 - 225	Pattern 7 Shake
		226 - 230	Pattern 8 Shake
		231 - 235	Pattern 9 Shake
		236 - 240	Pattern 10 Shake
		241 - 245	Pattern 11 Shake
		246 - 250	Pattern 12 jitter
		251 - 255	Pattern 13 Shake
11	Prism 1	0 - 127	No effect
		128 - 255	Cut in Prism 1
12	Prism 2	0 - 127	No effect

		128 - 255	Cut in Prism 2
13	Prism 1&Prism 2 rotation	0 - 127	Linear Rotation
		128 - 187	Clockwise rotation from fast to slow
		188 - 195	Stop rotation
		196 - 255	Rotate counterclockwise from slow to fast
14	atomization	0 - 127	No effect
		128 - 255	Cut into atomization
15	focus adjustment	0-255	0% -100% linear focusing
16	reset	0 - 99	No effect
		100 - 105	Extinguish bubbles
		106 - 199	No effect
		200 - 205	Bright Bubble
		206 - 240	No effect
		241 - 255	reset
17	effect	0 - 255	
18	Effect speed	0 - 255	



The functions of the left and right buttons are the same. Return to the previous interface

Up and down to select Edit

OK key (OK key) executes the function, starts editing, and exits editing

1. Display board function operation

- MENU : Cycle through the top menu or return to the previous menu
- ENTER: Enter the next menu or confirm and save the selected parameters

- UP: Up the menu, switch the selected parameter or increase the value
- DOWN: Down the menu, switch the selected parameter or decrease the value

Menu structure

Set up		Function
Address code	1 - 512	Set address code
passageway	16CH	Set channel
Operating mode	DMX512/go one's own way/Voice control/Manual	Set operation mode
Address, code Auto	Open/shut	The address code is automatically calculated. For example, the current address code is 1 and the channel mode is 16CH. After the address code is turned on automatically, press the set address code to automatically add 16, that is, the address code becomes 17
Signal hold	open/shut	After opening, the original action will be maintained if there is no signal
XYexchange	open/shut	X and Y channel exchange
X-axis reversal	open/shut	X-axis reversal
Y-axis reversal	open/shut	Y-axis reversal
Encoder error correction	open/shut	Encoder error correction
Hall error correction	open/shut	Hall error correction
Restore settings	Yes / no	Restore factory settings (but do not restore trim data)

Channel	Manual		Function
01	x-axis	0-255	
02	y-axis	0-255	
03	X-axis fine-tuning	0-255	
04	Y-axis fine-tuning	0-255	
05	XY speed	0-255	
06	Seven Colors	0-255	
07	Flicker	0-255	
08	Dimming	0-255	
09	Color disc	0-255	
10	Fixed diagram disk	0-255	
11	Prism 1	0-255	



12	Prism 2	0-255	
13	Prism 1&Prism 2 rotation	0-255	
14	atomization	0-255	
15	focus adjustment	0-255	
16	reset	0-255	
17	effect	0-255	
18	Effect speed	0-255	

Calibration	Effect
Please enter a 4-digit password to use this function	

Display		Effect
Screen saver time	15 seconds /30 seconds /60 seconds / off	When the time arrives, return to the desktop
backlight time	15 seconds /30 seconds /60 seconds / off	The screen will be off when the time reaches
Screen reversal	On / off	Screen forward and reverse control
language	Chinese / English	Select Chinese or English

Reset		Effect
reset all	Yes / no	Reset all motors
XY reset	Yes / no	XY motor reset
Head reduction	Yes / no	Head small motor reset

Bulb setting		Effect
Power on bright bubble	Yes / no	Automatic bubble lighting after power on reset
Manual light bubble	Yes / no	Manual bubbling
Half power	Yes / no	Whether half power mode is turned on

DMX data monitoring	Effect
Monitor DMX512 data value of each channel	

Reset information	Effect
If the system reset is normal, the system is normal. If there is a reset error, the corresponding reset error message will be prompted	

Sensor information	Effect
X encoder	Current encoder count value

Y encoder	*****	Current encoder count value
X encoder status	00/11	Encoder a and B signal line status
Y encoder status	00/11	Encoder a and B signal line status
X Hall	0/1	Hall state, hall is 1 at magnet position, otherwise it is 0
Y Hall	0/1	Hall state, hall is 1 at magnet position, otherwise it is 0
Color disc Hall	0/1	Hall state, hall is 1 at magnet position, otherwise it is 0
Pattern disc Hall	0/1	Hall state, hall is 1 at magnet position, otherwise it is 0
Focusing Hall	0/1	Hall state, hall is 1 at magnet position, otherwise it is 0

Usage record	Effect
Use times, use time, bright bubble time, etc	

System version	Effect
System hardware version, software version number	

explain:

1. when restoring factory settings, only the underlined parameters in the menu will be restored, and other parameters will not be automatically restored or reset.
2. **【Send local parameters】** menu, you can send the parameter settings of underlined items in the machine to another lamp or multiple lamps through DMX data line to avoid repeated setting work. A reset will be generated when the received lamps receive the correct parameters.

2. Troubleshooting

	Resolvent
The lamp is not powered on and has no response at all	➤ Check the fuse for damage ➤ check whether the AC voltage is normal ➤ Switching power supply inside the lamp body may be damaged ➤ the internal control board of the lamp body may be damaged

Uncontrolled lamps	➤ check whether the DMX signal is normal. When it is normal, the DMX signal indicator on the display board will flash ➤ check whether the address code is set correctly ➤ check whether the channel mode is set correctly ➤ Check whether the DMX signal line is too long, or whether there are too many lamps connected in series
Abnormal movement of XY axis	➤ The optocoupler sensor may be damaged or improperly installed, so that the original correct position can also be corrected. Set it to no in the menu [XY error correction enable] option. Or adjust the optocoupler sensor circuit board to the appropriate position, or replace the circuit board

GUANGZHOU SAILWIN LIGHT&AUDIO TECHNOLOGY CO.,LTD






Scan WhatsApp

Scan Wechat

www.sailwinlight.com

Mobile: +8615013209611

Tiktok: sailwin_stagelight

WhatsApp: +86-15013209611

Email: sale@sailwinlight.com

Facebook: sailwin Stage Light

Instagram: sailwin_stagelighting

Wechat: +8615013209611/Sailwinlight



SOPHIA TAN
GENERAL MANAGER

SAILWIN SERVICE CARD

Dear Customer,

Thank you for your support Sailwin Which have 12-years manufacturing experience, We undertake ONE-STOP SERVICE For you, Stage Light, LED Par Light, LED Moving Head Light, Laser Light, LED Effect Light, Special Effects, Stand Truss, Dimmer Pack, DMX Controller, Clamp DMX Cable etc.

WHAT CAN WE DO FOR YOU:

- 1, Provide you Competitive Price According to your demands.
- 2, Provide OEM&ODM Service
- 3, Provide DPD Door to Door Shipment to all Country.
- 4, Provide Fast Shipment & Duty Free Ship From USA, EUROPE, RUSSIA, MEXICO WAREHOUSE.

It would be highly appreciate if you could leave us a positive feedback, which will be a great encouragement for us. If there's anything I can help Pls don't hesitate to tell me. Look Forward to your long term cooperation.

Best wishes

CEO Sophia