

STARSHINE LIGHTS PRODUCT MANUAL



F21 BSWF FRAMING LIGHT PRODUCT MANUAL



Please read the instructions carefully before use.

1.DMX Channel table

DMX Channel table

35CH	Function	Channel value	Effect
1	level	000-255	0-100%
2	pan fine	000-255	0-100%
3	vertical	000-255	0-100%
4	Tilt Fine	000-255	0-100%
5	Horizontal and vertical velocity	000-255	Horizontal and vertical speed, fast to slow
6	stroboscopic	000-009	consecration
		010-199	Synchronize strobe slow to fast
		200-249	Slow to fast asynchronous flicker
		250-255	consecration
7	dimming	000-255	Dimming from 0% to 100%
8	cyan	000-255	From shallow to deep
9	magenta	000-255	From shallow to deep
10	yellow	000-255	From shallow to deep
11	color temperature	000-255	From shallow to deep



STARSHINE LIGHTS PRODUCT MANUAL



12	Color palette 1	000-009	white light
		010-019	Color 1
		020-029	Color 2
		030-039	Color 3
		040-049	Color 4
		050-059	Color 5
		060-069	Color 5+Color 4
		070-079	Color 4+Color 3
		080-089	Color 3+Color 2
		090-099	Color 2+Color 1
		100-109	Color 1+White Light
		110-255	Slow to fast forward rotation
13	CRI (Color Rendering Index)	000-127	white light
		128-255	Finger insertion
14	Fixed Gobo	000-009	white light
		010-019	Gobo 1
		020-029	Gobo 2
		030-039	Gobo 3
		040-049	Gobo 4
		050-059	Gobo 5
		060-069	Gobo 6
		070-079	Gobo 1: Shake from slow to fast
		080-089	Gobo 2: Shake from slow to fast
		090-099	Gobo 3: Shake from Slow to Fast
		100-109	Gobo 4: Shake from Slow to Fast
		110-119	Gobo 5: Shake from slow to fast
		120-129	Gobo 6: Shake from slow to fast
		130-191	Forward rotation fast to slow
		192-255	Reverse slowly to fast



STARSHINE LIGHTS PRODUCT MANUAL



15	Rotating Gobo	000-009	white light
		010-019	Gobo 1
		020-029	Gobo 2
		030-039	Gobo 3
		040-049	Gobo 4
		050-059	Gobo 5
		060-069	Gobo 6
		070-079	Gobo 7
		080-089	Gobo 1: Shake from slow to fast
		090-099	Gobo 2: Shake from slow to fast
		100-109	Gobo 3: Shake from Slow to Fast
		110-119	Gobo 4: Shake from Slow to Fast
		120-129	Gobo 5: Shake from slow to fast
		130-139	Gobo 6: Shake from slow to fast
		140-149	Gobo 7 shakes from slow to fast
		150-190	Forward rotation fast to slow
		191-192	stop
		193-255	Reverse slowly to fast
16	Gobo Rotation	000-127	Pattern angle adjustment
		128-190	Pattern turning fast to slow
		191-192	stop
		193-255	Pattern reversal slow to fast
17	Effect Gobo	000-009	white light
		010-127	Linear Gobo
		128-255	Pattern jitter is slow to fast
18	zoom	000-255	0-100%
19	focusing	000-255	0-100%
20	Focus fine-tuning	000-255	0-100%



STARSHINE LIGHTS PRODUCT MANUAL

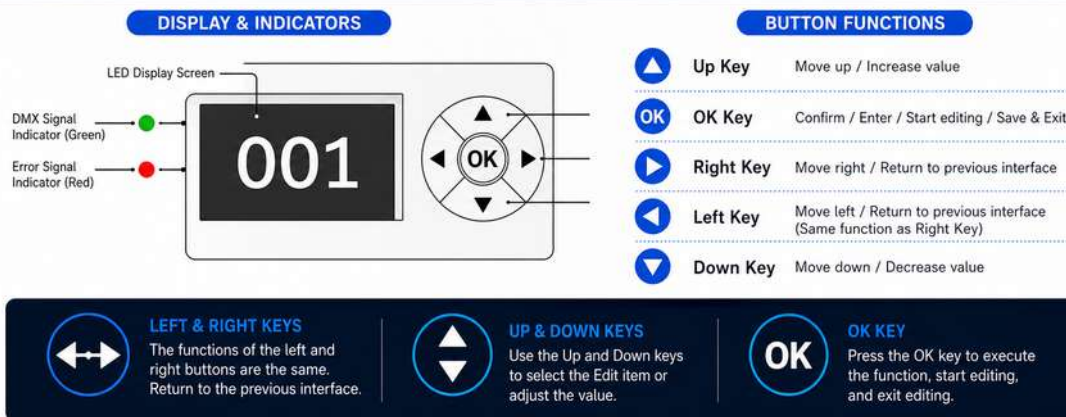


21	prism	000-127	Prism free
		128-255	Prism cutting in
22	Prism Rotation	000-127	Prism angle adjustment
		128-187	Prism rotates slowly to quickly
		188-195	Prism rotation stops
		196-255	Prism reversal slow to fast
23	atomization	000-003	No atomization
		004-255	Linear atomization
24	Cut on 1	000-255	0-100%
25	Cut on 2	000-255	0-100%
26	Cut off 1	000-255	0-100%
27	Cut down 2	000-255	0-100%
28	Cut left 1	000-255	0-100%
29	Cut left 2	000-255	0-100%
30	Cut right 1	000-255	0-100%
31	Cut right 2	000-255	0-100%
32	Cutting Macro	000-009	non-functional
		010-247	Graphic selection
		248-255	Automatic graphic switching
33	Cutting rotation	000-255	0-100%
34	aperture	0 - 127	Linear aperture
		128 - 159	Aperture fast in and slow out
		160 - 191	Aperture slow in and fast out
		191 - 255	Aperture fast in, fast out
35	reset	0 - 25	No effect
		26 - 76	Small motor reset
		77 - 127	XY motor reset
		128 - 255	full reset



CONTROL PANEL OVERVIEW

Simple Navigation • Easy Editing • Intuitive Operation



Note: All operations are menu-driven. Use the navigation keys to select and the OK key to confirm.

2. Display Board Function Operation

- Ø MENU : Cycle through the top menu or return to the previous menu
- Ø ENTER: Enter the next menu or confirm and save the selected parameters
- Ø UP: Up the menu, switch the selected parameter or increase the value
- Ø 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	35CH	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)



STARSHINE LIGHTS PRODUCT MANUAL



Channel	Manual		Function
1	level	0-255	
2	pan fine	0-255	
3	vertical	0-255	
4	Tilt Fine	0-255	
5	Horizontal and vertical velocity	0-255	
6	stroboscopic	0-255	
7	dimming	0-255	
8	cyan	0-255	
9	magenta	0-255	
10	yellow	0-255	
11	color temperature	0-255	
12	Color palette 1	0-255	
13	CRI (Color Rendering Index)	0-255	
14	Fixed Gobo	0-255	
15	Rotating Gobo	0-255	
16	Gobo Rotation	0-255	
17	Effect pattern	0-255	
18	zoom	0-255	
19	focusing	0-255	
20	Focus fine-tuning	0-255	
21	prism	0-255	
22	Prism Rotation	0-255	
23	atomization	0-255	
24	Cut on 1	0-255	
25	Cut on 2	0-255	
26	Cut off 1	0-255	
27	Cut down 2	0-255	
28	Cut left 1	0-255	



29	Cut left 2	0-255	
30	Cut right 1	0-255	
31	Cut right 2	0-255	
32	Cutting Macro	0-255	
33	Cutting rotation	0-255	
34	aperture	0-255	
35	reset	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	



STARSHINE LIGHTS PRODUCT MANUAL



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.



STARSHINE LIGHTS PRODUCT MANUAL



3.Troubleshooting

	Resolvent
The lamp is not powered on and has no response at all	- Ø Check the fuse for damage - Ø Ø check whether the AC voltage is normal - Ø Switching power supply inside the lamp body may be damaged - Ø Ø the internal control board of the lamp body may be damaged
Uncontrolled lamps	- Ø Ø check whether the DMX signal is normal. When it is normal, the DMX signal indicator on the display board will flash - Ø Ø check whether the address code is set correctly - Ø Ø check whether the channel mode is set correctly - Ø Check whether the DMX signal line is too long, or whether there are too many lamps connected in series
Abnormal movement of XY axis	Ø 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