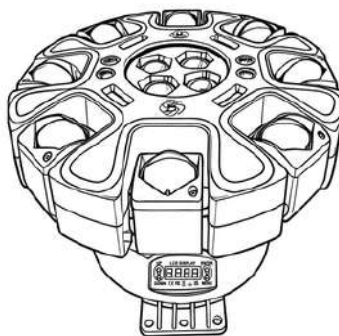


THUNDER 16-ARMED COLORED BEE EYE PRODUCT MANUAL



Thank you for purchasing our products
Read this manual carefully before operating the lamp

matters need attention

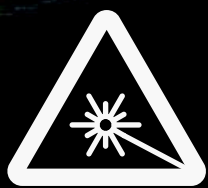
1. Before installing and using this equipment, please carefully read all sections of this manual.
2. Unauthorized dissemination of the contents of this manual is prohibited.
3. This manual is for informational purposes only; all content herein may be changed at any time without notice.
4. Unless otherwise specified in the instructions, do not modify or alter this device arbitrarily.

Security Notice

1. Before installing or repairing the luminaire, ensure that the power supply to the unit is disconnected. Ensure proper ventilation around the luminaire.
2. This luminaire is designed for indoor demonstrations; please avoid prolonged use in humid environments.
3. During use and maintenance, avoid exposing this luminaire to water droplets; if used outdoors, implement adequate waterproofing measures.
4. Installation, operation, and maintenance personnel must first become familiar with the lamp's specifications before commencing operations; most malfunctions result from improper operation due to lack of familiarity with its performance characteristics.
5. Use AC 100–240 V voltage.
6. Avoid prolonged direct viewing of light sources to prevent ocular discomfort.
7. Please wipe the lamp frequently with a clean cloth.

1. Technical References

- 1、 Operating Voltage: AC 100V–240V/50Hz
- 2、 Product Power: 260W
- 3、 Light source specifications: 12 CREE 10W RGBW LEDs, 4 3W RGB LEDs, 50mW red laser, 100mW green laser, 2 10W white light strobes, 2 10W golden light strobes, and 105 color-changing LED strips.
- 4、 Control Method: Internationally standardized DMX512 with 31 channels
- 5、 Operating Mode: DMX512, Master/Slave, Auto-Travel, Voice Control
- 6、 Dimming range: 0–100% with ultra-smooth adjustment
- 7、 Stroboscopic: 20 times per second
- 8、 Net weight of product: 2.95 kg
- 9、 Product Dimensions: 32.5 x 32.5 x 19 cm

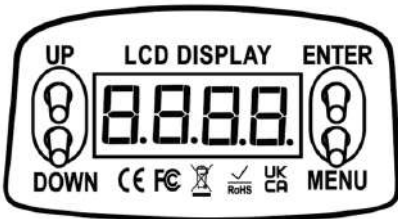


STARSHINE LIGHTS PRODUCT MANUAL





2. Button Instructions

MENU	Menu key	
UP	Add Key	
DOWN	Reduce Key	
ENTER	Confirm Key	

3. Important Notes for Button Operation

1. Use the MENU key to navigate through main menus; press ENTER to enter submenus
After setting the parameters, press ENTER to save the configuration. The system will automatically resume from the last settings upon restart.
3. If the luminaire operates in master/slave interconnected mode, disconnect the signal cable from the DMX control console.
4. In DMX mode, when displaying A001, the letter "A" flashing indicates a connected DMX signal; its absence signifies no signal.
5. When multiple lamps are controlled by a remote control, disable the remote control function for subordinate devices and enable it only for the main board.

order number	Menu Display	function	remarks	
1	Addr	Modify the address code using the UP or DOWN keys	DMX pattern	
2	Chnd	Show the current working channel of the display lamp		
3	Shou	d512	DMX work pattern	Install Lighting running mode
		Red	The red light is bright.	
		GrEE	Green Light Bright	
		BluE	Blue light is bright.	
		Wht1	Bai Guangliang	
		Wash	Color Brighten	
		LESr	Red Laser	
		LESG	Green Laser	
		Wht2	White light + Golden light with strobing effect	
		A1	Self-propelled Mode 1 (beam + bee-eye lens + laser + staining + stroboscopy)	
		A2	Self-propelled Mode 2 (beam + honeycomb pattern + laser + staining, no stroboscopic effect)	
		A3	Self-propelled Mode 3 (beam + bee-eye lens + laser; no staining, no strobismus)	
S1	Voice Control Mode 1			
S2	Voice Control Mode 2			



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4	SEns	0-100	Adjust voice sensitivity using the UP or DOWN keys	Voice Control Mode
5	SPEd	1-9	running speed	speed control
6	LEd	ON	The display remains lit continuously.	Turn the display on and off
		OFF	Turn off the LED display after 30 seconds	
7	disp	OFF	Show forward	Set Display Direction
		ON	Show Reverse	
8	irC	ON	Enable Remote Control	Remote Control Function
		OFF	Turn off remote control	
9	rst	Yes/no	manual reset	reset

4. Channel Table

order number	function	DMX numeric value	description
1	X axle	0-255	rotated 0-540 degrees
2	X-axis Speed	0-255	Speed from fast to slow
3	Honeycomb rotation	0-127	rotated 0° to 270°
		128-191	Reverse from slow to fast
		192-255	Reverse rotation from slow to fast
4	Beam Motor 1	0-255	Rotate 0-180 degrees
5	Beam Motor 2	0-255	Rotate 0-180 degrees
6	Beam Motor 3	0-255	Rotate 0-180 degrees
7	Beam Motor 4	0-255	Rotate 0-180 degrees
8	Beam Motor 5	0-255	Rotate 0-180 degrees
9	Beam Motor 6	0-255	Rotate 0-180 degrees
10	Beam Motor 7	0-255	Rotate 0-180 degrees
11	Beam Motor 8	0-255	Rotate 0-180 degrees
12	Total Dimming	0-255	Perform linear dimming from dark to bright



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13	stroboflash	0-9	NF
		10-255	The frequency of bee eye and beam strobismus increases from slow to fast.
14	Beehive red	0-255	Red Linear Dimming 0-100%
15	Beehole green	0-255	Green Linear Dimming 0-100%
16	Beehive Blue	0-255	Blue Linear Dimming 0-100%
17	White bee eye	0-255	White linear dimming 0-100%
18	Red beam	0-255	Red Linear Dimming 0-100%
19	Green Beam	0-255	Green Linear Dimming 0-100%
20	Beam Color: Blue	0-255	Blue Linear Dimming 0-100%
21	White beam	0-255	White linear dimming 0-100%
22	Color red	0-255	Red Linear Dimming 0-100%
23	Color green	0-255	Green Linear Dimming 0-100%
24	Color blue	0-255	Blue Linear Dimming 0-100%
25	Red Laser	0-255	Red laser linear dimming 0-100%
26	Green Laser	0-255	Green Laser Linear Dimming 0-100%
27	White light strobismus	0-255	The strobe effect increases in speed from slow to fast.
28	Golden light stroboscopic effect	0-255	The strobe effect increases in speed from slow to fast.
29	Light Strip Macro Functions	000-012	NF
		013-021	The light strip is red.
		022-030	The light strip is green.
		031-039	Light strip: Blue
		040-048	The light strip is yellow.
		049-057	The light strip is purple.
		058-066	The light strip is blue.
		067-075	The light strip is white.
		076-255	31 types of flowing light effects for light strips
30	Light Strip Macro Function Speed	000-255	The speed of the light strip increases from slow to fast.





31	macro control	0-50	NF
		51-150	Random Walk
		151-250	Voice-controlled self-driving
		251-255	3-second reduction

5.Remote Control Features

Note: Before using the remote control, remove the plastic tab from the bottom to enable operation.

ON	Light turned on
OFF	Light off
DMX	DMX pattern
AUTO	Autonomous operation: Switch to a different function each time you press.
speed+	The speed of self-propelled movement has increased.
speed-	The speed of the self-propelled vehicle has decreased.
voice	Voice Control Mode
mic+	Voice sensitivity increased
mic-	Decreased voice sensitivity
1	glow
2	Green Flash
3	blue ligh
4	white light
5	Color Brighten
6	Red Laser
7	Green Laser
8	White light + Golden light with strobing effect
9	A1 Self-Driving Mode
0	A2 Self-Driving Mode
*	S1 Voice Control Mode
#	S2 Voice Control Mode

