



MOONLANDER-V2

Bee Eye Combo Light

Multi-Effect DMX Stage Lighting

USER MANUAL



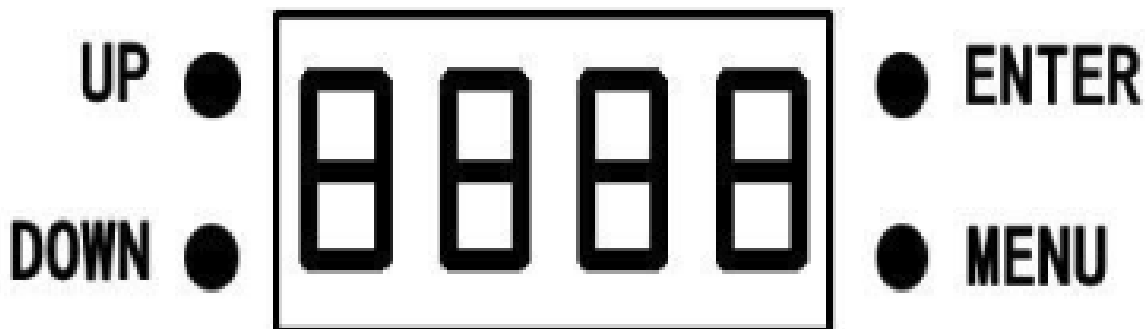
WARNING
Battery Hazard

Remote contains a button battery.
Keep away from children.

1. Technical Specifications

Operating Voltage	AC 95-245V, 50/60Hz
Power Consumption	Max 40W
Bee Eye LEDs	6×10W 4-in-1 RGBW
Pattern LEDs	4×3W monochrome
Yellow Strobe	2×5W
Red Laser	100mW
Green Laser	3×50mW
Blue Laser	80mW
Control Protocol	DMX512 (9 channels)
Operating Modes	DMX, Master/Slave, Auto, Sound-Active, Remote Control
Product Dimensions	250 × 115 × 160mm
Weight	0.85kg

2. Control Panel & Display



2.1 Button Functions

Button	Function
MENU	Navigate through main menu options
UP	Increase values or scroll up through options
DOWN	Decrease values or scroll down through options
ENTER	Confirm selection and save settings



Quick Tips:

- Press ENTER to enter a submenu, press it again to save your changes
- The main menu of "UP" and "DOWN" reduces the voice control mode, built-in program mode, DMX address and frequency flash speed - When you're in the MAIN MENU, UP/DOWN lets you cycle through different modes (voice control, programs, DMX address, strobe speed)
- The "MENU" button cycles through the main menu options (switching between A001, SH01, Sn01, FS01, etc.)

3. Display Menu Instructions

No.	Display	Function	Description
1	A001-512	Set DMX start address	Use UP/DOWN to modify address code
2	SH01	Pattern auto mode	Speed 1-9 (higher = faster)
3	SH02	Bee eye + strobe	
4	SH03	Laser + strobe	
5	SH04	Laser + strobe + pattern	
6	SH05	Bee eye + laser + strobe	
7	SH06	Bee eye + laser + pattern	
8	SH07	Bee eye + laser + pattern + strobe	
9	Sn01	Sound-Active Mode 1	Sensitivity 1-9 (higher = more sensitive)
10	Sn02	Sound-Active Mode 2	
11	FS01-10	Strobe mode	Adjust strobe speed and brightness (FL00-25): higher value = brighter

4. DMX Channel Configuration

This fixture uses 9 DMX channels for complete control. Set the DMX start address using the A001 menu option.

Ch	Function	Value	Description
1	Bee Eye LEDs	0-7	Off
		8-15	Red
		16-23	Green
		24-31	Blue
		32-39	White
		40-47	Red + green
		48-55	Green + blue
		56-63	Blue + white
		64-71	Red + white
		72-79	Red + blue
		80-87	Green + white
		88-95	Red + green + blue
		96-103	Red + green + white
		104-111	Green + blue + white
		112-119	Red + blue + white
		120-127	Red + green + blue + white
		128-191	Color jump speed from slow to fast
		192-255	Red + green + blue + white strobe: Slow→Fast
2	Bee Eye Motor	0-4	Stop
		5-127	Clockwise rotation: Slow→Fast
		128-133	Stop

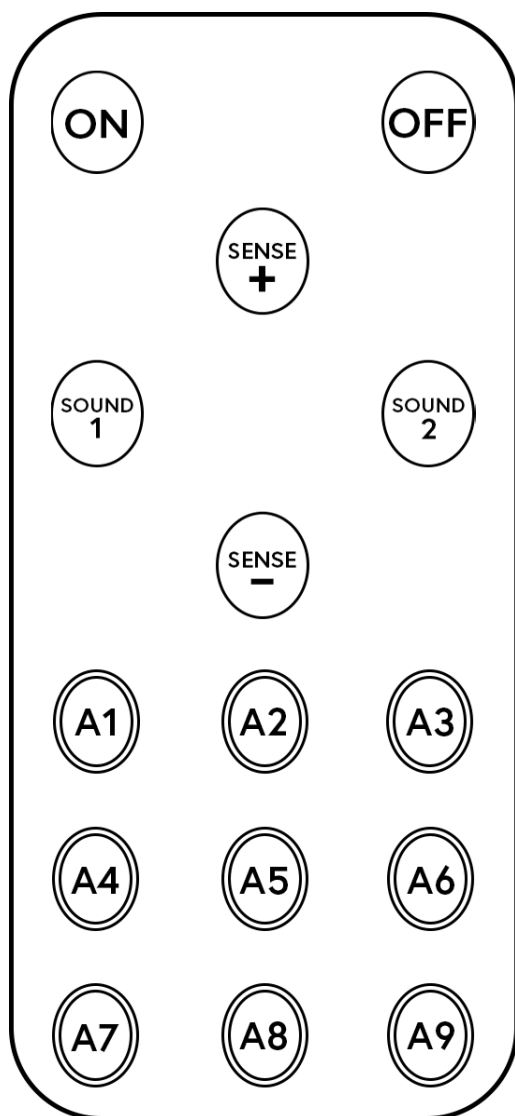
Ch	Function	Value	Description
		134-255	Counterclockwise rotation: Slow→Fast
3	Pattern LEDs	0-7	Off
		8-15	Red
		16-23	Green
		24-31	Blue
		32-39	White
		40-47	Red + green
		48-55	Green + blue
		56-63	Blue + white
		64-71	Red + white
		72-79	Red + blue
		80-87	Green + white
		88-95	Red + green + blue
		96-103	Red + green + white
		104-111	Green + blue + white
		112-119	Red + blue + white
		120-127	Red + green + blue + white
		128-191	Color jump speed from slow to fast
		192-255	Red + green + blue + white strobe: Slow→Fast
4	Pattern Motor	0-4	Stop
		5-255	Motor speed: Slow→Fast
5	Combined Laser	0-15	Off
		16-31	Red
		32-47	Green

Ch	Function	Value	Description
		48-63	Blue
		64-79	Red + green
		80-95	Red + blue
		96-111	Green + blue
		112-127	Red + green + blue
		128-255	Color jump speed: Slow→Fast
6	Combined Laser Motor	0-4	Stop
		5-255	Motor Rotation speed: Slow→Fast
7	Green Laser Control	0-31	Laser off
		32-63	Green 1
		64-95	Green 2
		96-127	Green 1 + green 2
		128-255	Color jump speed: Slow→Fast
8	Strobe Speed	0-7	No function
		8-255	Strobe speed: Slow→Fast
9	Built-in Program	0-15	No function
		16-35	Built-in program 1
		36-55	Built-in program 2
		56-75	Built-in program 3
		76-95	Built-in program 4
		96-115	Built-in program 5
		116-135	Built-in program 6
		136-155	Built-in program 7
		156-195	Sound-activated program 1

Ch	Function	Value	Description
		196–255	Sound-activated program 2

5. Remote Control Operation

The included infrared remote control provides quick access to common functions.



5.1 Mode Control Buttons

Button	Function
ON	Turn lights on
OFF	Turn lights off
SOUND 1	Sound-active mode (always on)
SOUND 2	Sound control with 3-second delay-off

5.2 Adjustment Buttons

Button	Function
SENSE+	Increase sound sensitivity / motor speed
SENSE-	Decrease sound sensitivity / motor speed

5.3 Direct Function Keys

Button	Function
A1	Pattern mode
A2	Bee eye + strobe mode
A3	Laser + strobe mode
A4	Laser + strobe + pattern mode
A5	Bee eye + laser + strobe mode
A6	Bee-eye + laser + pattern mode
A7	Bee eye + laser + pattern + strobe mode
A8	(Not Assigned)
A9	(Not Assigned)