



# **MOONLANDER-V2**

## **Bee Eye Combo Light**

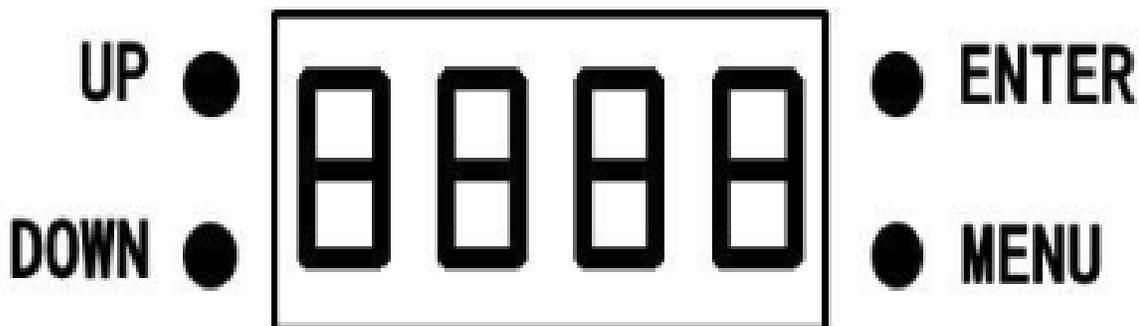
Multi-Effect DMX Stage Lighting

### **USER MANUAL**

# 1. Technical Specifications

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

## 2. Control Panel & Display



### 2.1 Button Functions

Button	Function
<b>MENU</b>	Navigate through main menu options
<b>UP</b>	Increase values or scroll up through options
<b>DOWN</b>	Decrease values or scroll down through options
<b>ENTER</b>	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

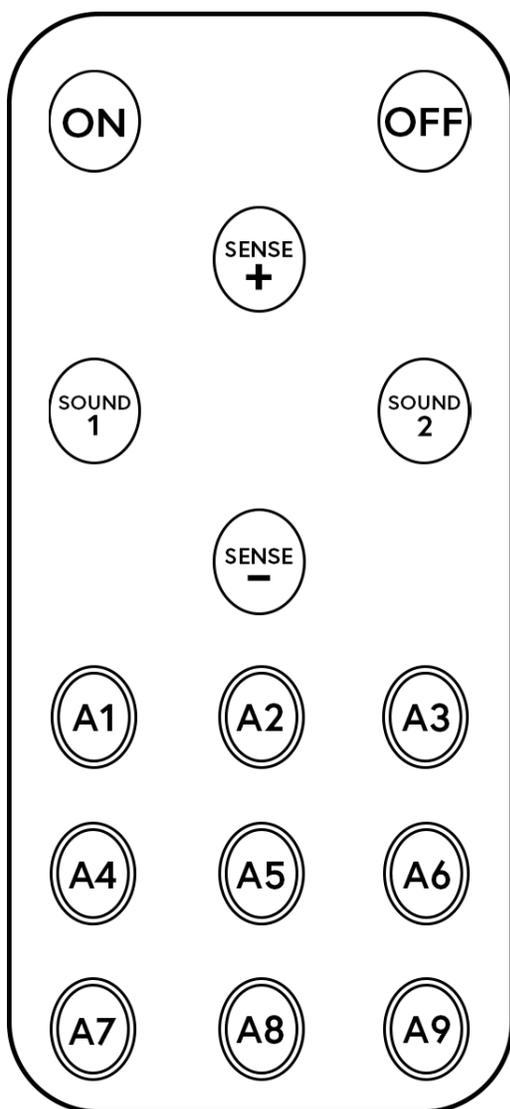
Ch	Function	Value	Description
		134-255	Counterclockwise rotation: Slow→Fast
<b>3</b>	<b>Pattern LEDs</b>	0-7	Off
		8-15	Red
		16-23	Green
		24-31	Blue
		32-39	White
		40-47	Red + green
		48-55	Green + blue
		56-63	Blue + white
		64-71	Red + white
		72-79	Red + blue
		80-87	Green + white
		88-95	Red + 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		
<b>4</b>	<b>Pattern Motor</b>	0-4	Stop
		5-255	Motor speed: Slow→Fast
<b>5</b>	<b>Combined Laser</b>	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
<b>6</b>	<b>Combined Laser Motor</b>	0-4	Stop
		5-255	Motor Rotation speed: Slow→Fast
<b>7</b>	<b>Green Laser Control</b>	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
<b>8</b>	<b>Strobe Speed</b>	0-7	No function
		8-255	Strobe speed: Slow→Fast
<b>9</b>	<b>Built-in Program</b>	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
<b>A1</b>	Pattern mode
<b>A2</b>	Bee eye + strobe mode
<b>A3</b>	Laser + strobe mode
<b>A4</b>	Laser + strobe + pattern mode
<b>A5</b>	Bee eye + laser + strobe mode
<b>A6</b>	Bee-eye + laser + pattern mode
<b>A7</b>	Bee eye + laser + pattern + strobe mode
<b>A8</b>	(Not Assigned)
<b>A9</b>	(Not Assigned)