



MOONLANDER-V3

Water Pattern Combo Light

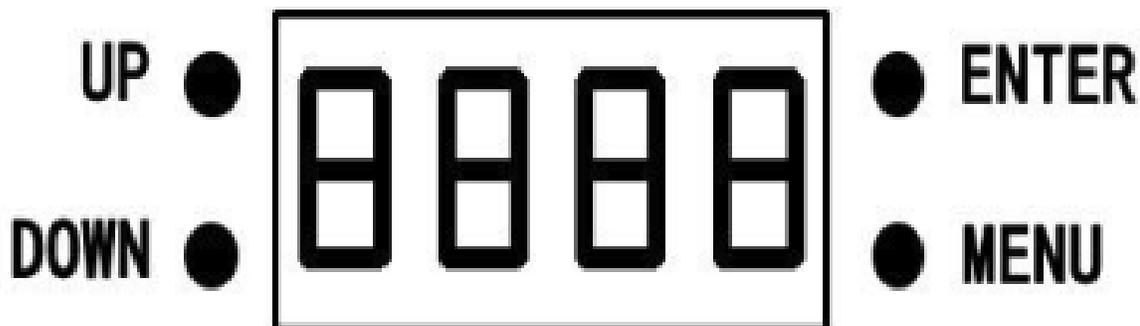
Multi-Effect DMX Stage Lighting

USER MANUAL

1. Technical Specifications

Operating Voltage	AC 95-245V, 50/60Hz
Power Consumption	Max 40W
Water Pattern LEDs	4×3W monochrome pattern lamp beads
Central LED	1×10W RGBW
Yellow Strobe	2×5W
Red Laser	100mW
Green Laser	3×50mW
Blue Laser	80mW
Control Protocol	DMX512 (10 channels)
Operating Modes	DMX, Master/Slave, Auto, Sound-Active, Remote Control
Dimming	0-100% electronic dimming
Strobe Rate	20Hz
Product Dimensions	250 × 115 × 160mm
Weight	0.8kg

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	Water Pattern Only	Speed 1-9 (higher = faster)
3	SH02	Water Pattern + Strobe	
4	SH03	Laser + strobe	
5	SH04	Laser + Strobe + Center LED	
6	SH05	Water Pattern + Laser + Strobe	
7	SH06	Water Pattern + Laser + Center LED	
8	SH07	Full Program	
9	SP01-09	Program speed (1-9)	Control speed of auto programs (higher = faster)
9	Sn01	Sound-Active Mode 1	Sensitivity 1-9 (higher = more sensitive)
10	Sn02	Sound-Active Mode 2	
11	FS01-10	Strobe mode	Select strobe pattern (1-10)
12	FL00-25	Strobe brightness (0-25)	Set strobe LED brightness level (higher = brighter)

4. DMX Channel Configuration

This fixture uses 10 DMX channels for complete control. Set the DMX start address using the A001 menu option.

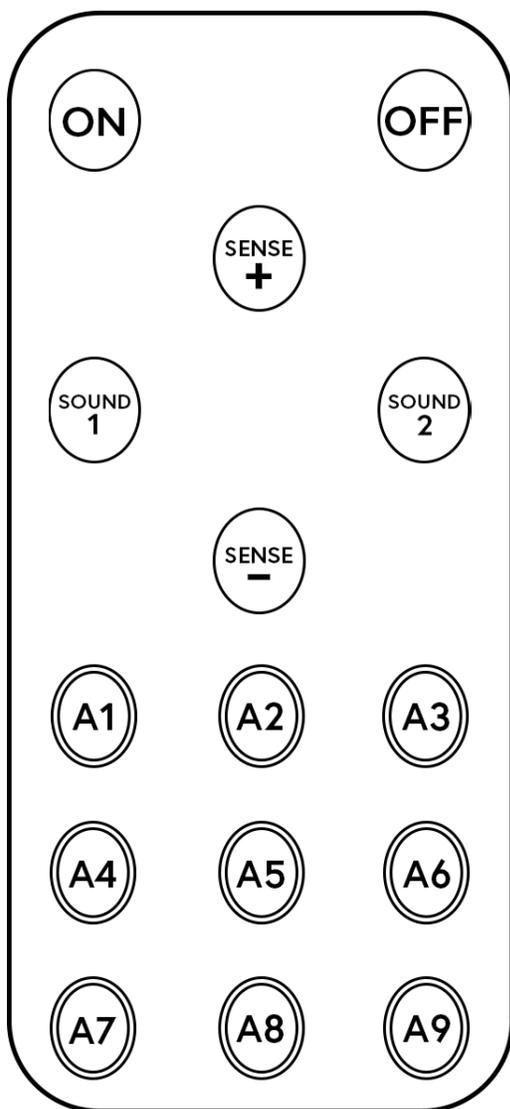
Ch	Function	Value	Description
1	Water Pattern Color Control	0-7	Off
		8-15	Red
		16-23	Green
		24-31	Blue
		32-39	White
		40-47	Red + green
		48-55	Green + blue
		56-63	Blue + white
		64-71	Red + white
		72-79	Red + blue
		80-87	Green + white
		88-95	Red + green + blue
		96-103	Red + green + white
		104-111	Green + blue + white
		112-119	Red + blue + white
120-127	Red + green + blue + white		
128-191	Color jump (slow→fast)		
192-255	RGBW strobe (slow→fast)		
2	Water Pattern Motor	0-4	Stop

Ch	Function	Value	Description
		5-127	Clockwise rotation (slow→fast)
		128-133	Stop
		134-255	Counter-clockwise rotation (slow→fast)
3	Center LED Color Control	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 (slow→fast)		
192-255	RGBW strobe (slow→fast)		
4	Center LED Motor	0-4	Stop
		5-255	Rotation (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 (slow→fast)
6	Combined Laser Motor	0-4	Stop
		5-255	Rotation (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 (slow→fast)
8	Strobe LED Dimmer	0-255	Brightness: 0-100%
9	Strobe Speed	0-7	No function
		8-255	Strobe speed (slow→fast)
10	Built-in Programs	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
		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	Water pattern only
A2	Water pattern + strobe
A3	Laser + strobe
A4	Laser + strobe + center LED
A5	Water pattern + laser + strobe
A6	Water pattern + laser + center LED
A7	Water pattern + laser + center LED + strobe (full show)
A8	(Not Assigned)
A9	(Not Assigned)