



## PAR4X12B2

**4x12W RGBWAUV LED PAR with Wireless DMX & IR Remote**

## USER MANUAL



**For your safety, please read this user manual carefully before use.**

Event Lighting reserves the right to revise the manual at any time. Information and specifications within this manual are subject to change without notice. Event Lighting assumes no liability or responsibility for any errors or omissions. Please consult Event Lighting for any clarification or information regarding this item.

Version 1.0 (September 2023)

## Warning

- Do not open this device, there are no user serviceable parts inside. Risk of electric shock.
- Do not look directly at the light source from close range.
- Avoid contact with the unit during operation, as the housing may become hot. Allow the fixture to cool for at least 15 minutes after turning off before touching.
- Install this device in a location with adequate ventilation, at least 50cm from adjacent surfaces.
- Do not operate this device, or connect this device to power, within 50cm of any flammable material.
- Use a safety chain when mounting this device overhead.
- Do not operate this device outdoors where excessive dust, heat, water, or humidity may affect it.
- This fixture was designed for indoor use only, do not expose this unit to rain or use nearwater..
- Do not operate this device if the housing, lenses, or cables appear damaged.
- Do not connect this device to a dimmer or rheostat.
- Do not operate this device at temperatures higher than 40°C (104°F).
- **Only** connect this device to a grounded and protected circuit.
- **Only** use the hanging bracket to carry this device.
- Stop using this device immediately if a serious operating problem becomes apparent.

## Generic Battery Care Guide

This guide contains general information regarding the care and maintenance of battery-powered light fixtures. For detailed instructions and specifications, please consult your product's user manual. Failure to follow the guidelines in this guide may affect your product's warranty. The determination of misuse is at the sole discretion of Event Lighting and its distributors.

### Charging:

- **Power Off:** Always switch off the fixture before charging.
- **Full Charge:** Charge the battery to full capacity before initial use and regularly before each use for optimal performance. Charging time varies by model (typically 4-6 hours).
- **Avoid overcharging:** Once the unit has reached 100% charge, remove the unit from power.
- **Charging Case (if applicable):** When using a charging case, ensure this is used in a room with proper ventilation and avoid charging units once they have reached full charge.
- **Use During Charging:** Do not operate the fixture while charging.

### Battery Care:

- **Over-Discharge Protection:** Your fixture likely has built-in protection to prevent over-discharge. The light will turn off at a low voltage threshold.

- **Mains Power Operation (if applicable):** Some fixtures can operate on mains power while charging. Please ensure your fixture can operate in this mode before use. If applicable, avoid prolonged use in this mode.
- **Ambient Operating Temperature:** Make yourself aware of the unit's ambient operating temperature and ensure the unit is not operated in excess of this temperature.
- **Storage:** For long-term storage, charge the battery to approximately 80% and periodically cycle the battery (fully discharge and recharge) at least monthly.
- **Lifespan:** Battery lifespan depends on usage, charging habits, and storage.

#### General Information:

- **Refer to Product Manual:** This guide is general. Always consult your product's user manual for specific operating instructions, safety precautions, troubleshooting tips, and warranty information.
- **Safety:** Do not disassemble, modify, or expose the fixture or battery to extreme conditions. Dispose of batteries responsibly.

Scan the QR Code to view the Generic Battery Care page on the Event Lighting Website.



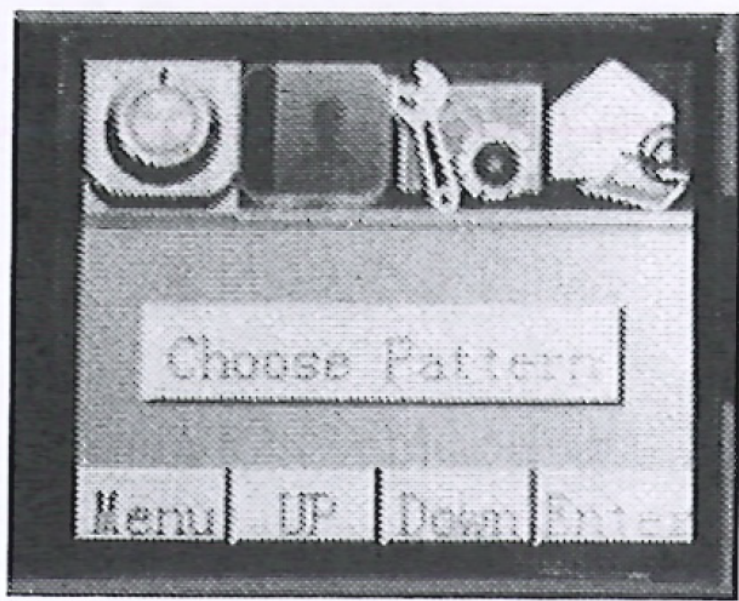
## Product Installation

PAR4X12B2 can be mounted in many orientations, provided each individual device is secured by the use of the correct mounting bracket. Use a safety chain when mounting PAR9X120B overhead

## Lux Chart

Distance (m)	1	2	3	4	5
Diameter (m)	0 0.44	0 0.89	0 1.33	0 1.77	0 2.22
Red	883	263	116	73	52
Green	1356	389	171	106	73
Blue	1610	450	202	122	83
White	1722	513	224	138	94
Amber	532	151	72	46	36
UV	492	156	72	46	35
Full	5980	1590	732	440	292

## Control Operation



<b>MENU</b>	Main Menu Function Select / Exit Submenu
<b>UP</b>	Select Previous Menu / Parameter Increase by degrees
<b>DOWN</b>	Choose the next menu / parameter decrease by degrees
<b>ENTER</b>	Confirm the selected function / Enter the next menu

## Set DMX

### Set DMX Address Code

1. Press **User Settings** and **Enter** until "DMX512" is highlighted then press **Enter**.
2. The screen will display "Address Set: 001". Press **Up** or **Down** to change.
3. Press **Enter** to save , and press **Menu** to exit .

# Menu Description

Menu	Level1	Level2	Level3
Choose Pattern	Static	Color	Dimming
		RED	0-255
		GREEN	0-255
		BLUE	0-255
		WHITE	0-255
		AMBER	0-255
		PURPLE	0-255
		STROBE	0-20
	Macro	1-32	
			(Speed)
	Show	"AUTO"	0-20
		"FADE"	0-20
		"SNAP"	0-20
		"R-STRO"	0-20
		"G-STRO"	0-20
		"B-STRO"	0-20
		"A-STRO"	0-20
	Sound	"SOUND1"	0-100
		"SOUND2"	0-100
		"SOUND3"	0-100
User Settings	Channel	6/10	
	DMX512	001-512	Set OMX address
	Follow	W-DMX RCVD	Wireless receive
		DMX512	Use OMX cable
		Syn Transmits	Master/need all lamp pair by Transmitter first.
System Settings	White Balance	(Color)	(Brightness)
		RED	127-255
		GREEN	127-255
		BLUE	127-255
		WHITE	127-255
		AMBER	127-255
		PURPLE	127-255
	Show Battery Icon	YES/NO	
	Display Sleep	Open/5/10/15Sec	
	Autolock	YES/NO	
	Infrared Setting	ON/OFF	
	Wireless Setting	ON/OFF	
	Factory Reset	Password: button UP+DOWN+UP+DOWN+ENTER	
Informations	VER	Information of the version	

# DMX Chart

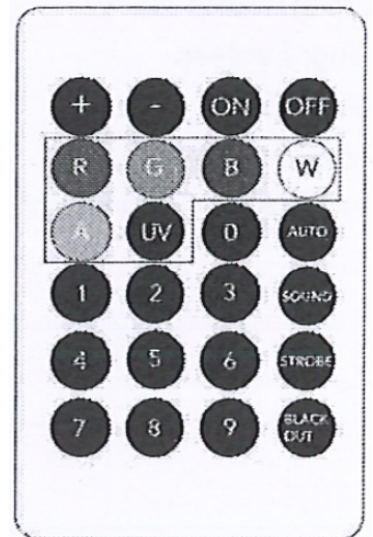
## 6-Channel Mode

Channel	Value	Function	Description
1	0-255	Red Intensity	Red 0-100%
2	0-255	Green Intensity	Green 0-100%
3	0-255	Blue Intensity	Blue 0-100%
4	0-255	White Intensity	White 0-100%
5	0-255	Amber Intensity	Amber 0-100%
6	0-255	UV Intensity	UV 0-100%

## 10-Channel Mode

Channel	Value	Function
1	0-255	Master Dimmer
2	0-9	Strobe
	10-255	
3	0-255	Red Intensity
4	0-255	Green Intensity
5	0-255	Blue Intensity
6	0-255	White Intensity
7	0-255	Amber Intensity
8	0-255	UV Intensity
9	0-9	No function
	10-29	Colour choose, CH10 choose colour
	30-49	Jump variable effect : CH10 control the speed
	50-69	gradual variable effect : CH10 control the speed
	70-89	mutation effect: CH10 control the speed
	90-109	Red+ strobe:CH10 control the speed
	110-129	Green + strobe:CH10 control the speed
	130-149	Blue+ strobe:CH10 control the speed
	150-169	Amber+ strobe:CH10 control the speed
	170-189	UV+ strobe:CH10 control the speed
	190-255	Sounds control
10	0-255	<p>This channel's function are depending on the value of CH9: When the value is 10-29, then the function is colours choose.</p> <p>When the value is 30-189, then the function is speed control: O is the lowest,255 is the fastest.</p>

In order to use the IR Remote, If a OMX signal is received, PAR4X12B2 will prioritise the OMX signal and ignore the IR Remote. Use On/Off to turn PAR4X12B2 on or off. Press R/G/B/W/A/U to light up the LEDs in red, green, blue, white, amber or UV respectively, press + or - to adjust R/G/B/W/A/U. There is also a selection of preset colours underneath the R/G/B/W/A/U buttons, known as the D Area. Press a button in the D Area (0-9) to select that colour. When choose the Auto or Strobe, press + to increase the speed and - to decrease the speed. When choose the Sound, press + to increase the sensitivity and - to decrease the sensitivity.



## Technical Specifications

### Photometrics

Light Source: 4x 6-in-1 RGBWAU 12 W LEDs Beam Angle: 20°

Output: 5980 lux on @1M, 1590 lux on @2M, RGBWAU Full on PWM: 16,000 Hz

LED Lifespan: 50,000 hours

### Effects:

Dimming: 0~100% Strobe: 0~20 Hz

Operation Modes: Wireless OMX, manual, auto, sound active, master/slave, IR Remote Control:

Wireless OMX, IR OMX Channels: 6 / 10

Display: 4-button & 4-digit LCD display control panel

### Power:

Input Voltage: 100~240V AC, 50/60 Hz Power Consumption: 48W

Connection: Powercon in/out socket, 5pin XLR in/out Battery:

Approx. 4 hours Full Colour Approx. 15 hours Single Colour

### Housing:

Materials: Die-cast Aluminium, matte black finish Finishing: Matte black

Cooling: Fanless IP rating: IP20

Net Weight: 2.4 kg

Overall Size: 147 x 136 x 200 mm

## Warranty

Please refer to your local dealer or contact Event Lighting.