



## PAR12X8L

12x 8W RGBW 4-in-1 LED PAR

## 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 1.1 – 23/10/2019 (revised 1 November 2021)

## Safety Instructions

### 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.
- 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.

### Coin/Button Cell Battery Safety Information

This product includes an IR remote that contains a coin/button cell battery. If the battery is swallowed, it can cause severe internal burns and, in extreme cases, can lead to death. Keep batteries away from children.

## Fuse Replacement

If the fine-wire fuse of the device fuses, replace the fuse with one of the same type of rating. Before replacing the fuse, unplug the device from the power source.

### Fuse Replacement Steps

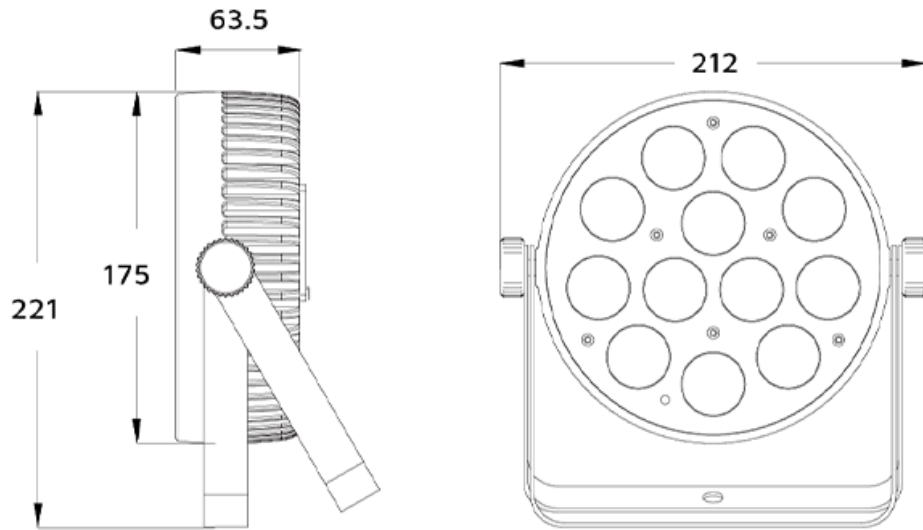
1. Unscrew the fuse holder located on the rear panel from the housing.
2. Remove the old fuse from the holder.
3. Install the new fuse into the holder.
4. Place the fuse holder back into the housing and secure tightly.

## Product Installation

PAR12X8L 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 PAR9X15O overhead.

Included washers must be installed between the two yokes and against the fixture and the interior yoke to ensure the thumbwheels tighten correctly.

## Dimensions



## Lux Chart

### Lux chart @40° (PAR12X8L)

	1m	2m	3m	4m	5m
	Ø0.73	Ø1.46	Ø2.18	Ø2.91	Ø3.64
R	3,300	850	370	230	140
G	3,700	1,055	480	290	180
B	5,500	1,626	705	415	260
W	4,200	1,256	570	335	222
FULL	13,800	4,950	1,960	850	700

## Control Board Operation

### Menu Map

Addr	->	d 1	-	05 12	Select DMX address
CHNL	->	CH-1	or	CH-2	Select DMX channel mode (CH-1: 4ch / CH-2: 9ch)
SP--	->	SP 0	-	SP99	Set program speed
Pr--	->	Pr 1	-	Pr 13	Select built-in program
SOUN	->	Sou	Select sound active mode		
Colo	->	C 1	-	C 15	Select static colour mode (See static colour mode chart below)
Strob	->	S. 00	-	S. 20	Set strobe speed (Hz)
rL--	->	r 0	-	r255	Set red colour intensity
gL--	->	G 0	-	G255	Set green colour intensity
bL--	->	b 0	-	b255	Set blue colour intensity
WL--	->	W 0	-	W255	Set white colour intensity
node	->	nod0	-	nod4	Set dimmer speed (nod0: fastest / nod4: slowest)
LED	->	off	or	on	Toggle LED display on / off
	->	EO48	Long press "Enter" button to show current temperature		
VERn	->	V01	Show current software version		
rSET	->	no	or	YES	Restore settings to factory default

### Static Colour Mode

Value	Function
C1	Red
C2	Green
C3	Blue
C4	White

C5	Red+White
C6	Green+White
C7	Blue+White
C8	Green+Blue
C9	Red+Blue
C10	Red+Green
C11	Red+Green+Blue
C12	Green+Blue+White
C13	Red+Blue+White
C14	Red+Green+White
C15	Red+Green+Blue+White

## DMX Chart

### 4 Channel Mode

Channel	Value	Function
1	000-255	Red: 0% ~ 100%
2	000-255	Green: 0% ~ 100%
3	000-255	Blue: 0% ~ 100%
4	000-255	White: 0% ~ 100%

## 9 Channel Mode

Channel	Value	Function	Note
1	000-255	Master DIMMER 0% ~ 100%	
2	000-255	Red: 0% ~ 100%	
3	000-255	Green: 0% ~ 100%	
4	000-255	Blue: 0% ~ 100%	
5	000-255	White: 0% ~ 100%	
6	000-012	Strobe OFF	
	013-255	Strobe (slow-fast)	
7	000-009	No Function	
	010-019	Program 1	
	020-029	Program 2	
	030-039	Program 3	
	040-049	Program 4	
	050-059	Program 5	
	060-069	Program 6	
	070-079	Program 7	
	080-089	Program 8	
	090-099	Program 9	
	100-109	Program 10	
	110-119	Program 11	
	120-129	Program 12	
	130-139	Program 13	
140-255	Sound active mode		
8	000-255	Speed of auto programs (slow ~ fast)	Ch7 must be set between 10-139
9	000-255	Colour fade time (jump ~ fade)	Mode must be set to "nod0"

## IR Remote

In order to use the IR Remote, PAR12X8L must be in DMX mode without an active DMX connection. If a DMX signal is received, PAR12X8L will prioritise the DMX signal and ignore the IR Remote.

Use **On/Off** to turn PAR12X8L on or off. The current IR settings will be saved automatically when PAR12X8L is powered off and reloaded when it is turned on again. To reset to the factory default Blackout mode, long press **Off**.

Press **R/G/B/W** to light up the LEDs in red, green, blue, or white respectively. There is also a selection of pre-set colours underneath the R/G/B/W buttons, known as the D Area. Press a button in the D Area to select that colour.

Press **X** to increase the intensity of the selected colour and **Y** to decrease the intensity of the selected colour.

Press **Auto/Sound/Strobe** to switch on or off Auto mode, Sound Active mode and Strobe mode, respectively.

Press **Blackout** to clear all the remote settings and blackout PAR12X8L.



## Technical Specifications

### Photometric

- Light Source: 12x 8W RGBW 4-in-1 LEDs
- Beam Angle: 40°
- PWM: 2,000 Hz
- LED Lifespan: 50,000hours

### Effects

- Dimming: 0~100%
- Strobe: 1 - 20 Hz

### Power

- Input Voltage: 100~240V AC, 50/60Hz
- Power Consumption: 60W
- Connection: IEC in/out

### Control

- Operation Modes: DMX, manual, auto, sound active, IR remote, master/slave
- DMX channels: 4/9

### Housing

- Materials: Die cast aluminium, matte black finish
- Cooling: Fanless Cooling
- Net weight: 1.85kg

## Warranty

Please refer to your local dealer or contact Event Lighting.