



PAR6X12OB2

6x 12W RGBWAU 6-in-1 Outdoor Battery 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 1.3 (updated 19 September 2023)

Safety Instructions

Warning

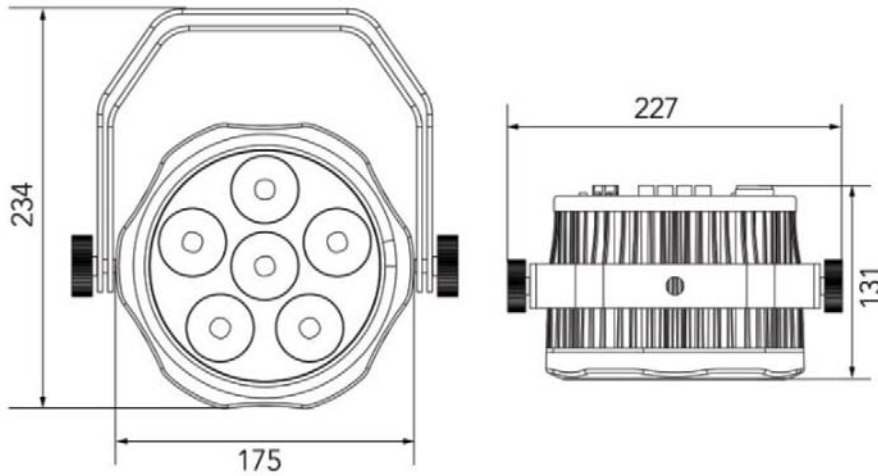
- Do not open this fixture, there are no user serviceable parts inside. Risk of electric shock.
- Do not look directly at the light source from close range.
- Avoid contact with the unit during operation, as the housing may become hot. Allow the fixture to cool for at least 15 minutes after turning off before touching.
- Install this fixture in a location with adequate ventilation, at least 50cm from adjacent surfaces.
- Do not operate this fixture, or connect this device to power, within 50cm of any flammable material.
- Use a safety chain when mounting this fixture overhead.
- Do not operate this fixture outdoors where excessive heat or water may affect it.
- This fixture is IP65 certified, meaning that it is protected against dust ingress, and protected against low pressure water jets from any direction. Ensure all protective covers are sealed correctly.
- Do not operate this fixture if the housing, lenses, or cables appear damaged.
- Do not connect this fixture to a dimmer or rheostat.
- Do not operate this fixture at temperatures higher than 40°C (104°F).
- **Only** connect this fixture to a grounded and protected circuit.
- **Only** use the hanging bracket to carry this fixture.
- Stop using this fixture immediately if a serious operating problem becomes apparent.

IMPORTANT: Only use the provided Outdoor DMX cable in the device's DMX out port. Use of other cables will cause the cable to become stuck in the port, requiring the unit to be repaired.

Product Installation

PAR6X12OB 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 PAR9X12OB overhead.

Dimensions



Lux Chart

Lux	@40°				
	1m	2m	3m	4m	5m
	Ø0.73	Ø1.46	Ø2.18	Ø2.91	Ø3.64
R	310	75	35	20	13
G	1,160	340	150	80	56
B	1,205	320	136	76	2
W	1,280	330	149	80	49
A	438	110	49	28	18
UV	238	62	26	15	10
Full	3,820	970	460	290	180

Control Operation



Button Operation

Menu: Return to the previous screen.

Up: Move selection up.

Down: Move selection down.

Enter: Confirm the selection.

Button Lock

While on the home screen, press **Down** for 3 sec to lock all buttons, preventing accidental input. While locked, press **Down** for 3 sec to unlock.

Wireless DMX Setup

To set the desired WDMX protocol:

1. Navigate to Setting> Wireless > Wireless EN
2. Toggle WDMX ON and press and hold the power button for 2 seconds - release before the unit powers down.

The unit will then be in the WDMX protocol selection menu.

To ensure the protocol selection menu entered, toggle though using the power button - you will see the following colours, RED, GREEN, BLUE, YELLOW (Not used)

Protocols TABLE1

Colour	Protocol
Red	ELDMX Transmit and receive
Green	W-DMX Receive
Blue	W-DMX G3 Transmit

3. Select the desired protocol by pressing and holding the power button for 2 seconds

NOTE : By default, or when a connection is deleted, the unit will be in the ELDMX menu which shows, Red, Green, Blue, Yellow **PLUS Cyan and Magenta.**

If this is the case, the unit is **NOT** in the correct menu at this stage and the WDMX function will need to be toggled OFF and then the process repeated from Step 1.

If Blue Selected: The Status Indicator will flash blue as it attempts connections and then go solid blue - each new toggle of the power button will connect available receivers.

If Green Selected: The Status Indicator will go white, ready to connect to a transmitter. The DMX light will then become solid green once paired.

If RED selected, the unit will then be able to toggled through to a desired channel group using the power button and any units on the same colour group will automatically receive signal.

See table below for more info.

Status Indicators TABLE2

Protocol	Action	Description
ELDMX	Solid Colour (Red, Green, Blue, Yellow, Cyan, Magenta)	1 of the 6 colour groups
	Flashing Red	Transmitting DMX
	Flashing Green	Receiving DMX
W-DMX Receive	White	No connection
	Red	Deleting Connection
	Red Fast Flash	Connection Lost
	Green Fast Flash	Connecting to Transmitter
	Green Slow Flash	Connected but no DMX signal
	Green	Connected with DMX signal
W-DMX Transmit	Red	Deleting All Receivers
	Blue Fast Flash	Connecting with the receivers
	Blue Slow Flash	No DMX input
	Blue	Transmitting DMX

Note: A receiver unit previously paired with a transmitter will need to have the connection deleted to be used with another transmitter.

To do this, Navigate to Setting> Wireless > Wireless Sure and then press and hold the power button.

Power Switch

1. Short press the Power button then release it to turn on
2. Long press the power button to power off
3. Press and hold the Power button for 30 seconds to reset to factory settings. The indicator light will flash red.

Menu

Level 1	Level 2	Level 3	Level 4	Level 5	Function/Description
Preset	ID				Select static colour mode, 0-39.
	Master				Master dimmer, 0-100%
	Red				Red, 0-255
	Green				Green, 0-255
	Blue				Blue, 0-255
	White				White, 0-255
	Amber				Amber, 0-255
	UV				UV, 0-255
Colour	ID				Select static colour mode, 0-63.
	Master				Master dimmer, 0-100%
Effects	Chase	Built in chase			Select a built in chase, 0-9.
		User chase			Select a user chase, 0-7.
	Edit chase	Edit scene: 0-63 Add scene: 0-63	Red		Ref. number: 0-103
			Green		
			Blue		
			White		
			Amber		
			UV		
	Delete scene				
	Fading				
	Jumping				
Pulse					
Master				Master dimmer, 0-100%	
Speed				Effect speed, 0-255	
Fade				Fade brightness, 0-100%	
Strobe	Strobe				Strobe, 0-255
	Colour	Master			Master dimmer, 0-100%
		Red			Red, 0-255
		Green			Green, 0-255
		Blue			Blue, 0-255
		White			White, 0-255
		Amber			Amber, 0-255

		UV	UV, 0-255	
Sound	Sound Enable		Off/On	
	Sensitivity		0-9	
	Brightness		0-9	
Settings	DMX Setting	DMX Address	Set DMX address, 0-512	
		Master/Slave	Set master/slave mode	
		Channel Mode	Set DMX channel mode, Normal (12)/ Simple (6)	
		When no DMX	Behaviour when DMX signal lost, OFF/ Hold/ Power up/ Last action	
	Wireless	Wireless En		Wireless DMX, Off/On
		Wireless Mode		Sure
	Display	Screen Mode		Status/ On/ Off/ Logo
		Screen Time		Inactivity time for screen off, 0-255 sec
		Wireless LED		Wireless indicator light, On/Off
	General	Power-up	Preset	Preset on power up, 0-39
			Colour	Colour on power up, 0-39
			Chase	Chase on power up, 0-20
			Last set	Last setting on power up
		Battery Mode		Bright/Normal/Life
		Dim Response		LEDs/Fast/Less Fast/Middle/Slow
		Dimming Curve		Linear/Log/S Curve/Exp
		RDM Enable		On/Off
		IR Enable		On/Off
		Power off Bat		Power off when battery depleted to this percentage, 0-50%
		Top Temp		25-125 degrees
		Password	Password	
	Set Password		Enter default password, Menu-Up-Enter-Down, then enter a new password	
	Time	Time		Enter the current time
		Power On		Power on fixture and start selected program at this time
		Power Off		Power off at this time
	Load Factory	MENU		Cancel
		ENTER		Reset to factory default
Status	LED Current	Bright	0-100	
		Red	0-100	
		Green	0-100	
		Blue	0-100	
		White	0-100	
		Amber	0-100	
		UV	0-100	

Temperature	
Battery Voltage	
DMX Channel	
RDM UID1	
RDM UID2	
Software: BAT-6S02	
Version: May 04 2022	

DMX Chart

Mode/Channel		Min DMX	Max DMX	Function
6 ch	12 ch			
	1	0	255	Master dimmer, 0-100%
1	2	0	255	Red, 0-100%
2	3	0	255	Green, 0-100%
3	4	0	255	Blue, 0-100%
4	5	0	255	White, 0-100%
5	6	0	255	Amber, 0-100%
6	7	0	255	UV, 0-100%
	8	0	255	Strobe, slow to fast
	9	0	8	No function
		9	127	40 preset colours
		128	255	63 factory colours
	10	0	19	No function
		20	89	18 chases
		90	127	Custom chases
		128	159	63 colour fade
		160	191	63 colour jump
		192	223	63 colour pulse
		224	255	Sound active mode
	11	0	255	Auto run speed, slow to fast
	12	0	5	No function
		6	55	Dimming speed 1
		56	105	Dimming speed 2
		106	155	Dimming speed 3
		156	205	Dimming speed 4
		106	255	Dimming speed 5

IR Remote

BLACK OUT

Press <Blackout> once to turn off the fixture, press any of 0-9 button to turn on the fixture.

AUTO

Automatic mode will enable you to run the chase programs on the fixture.

1. Press <AUTO> on the remote controller to turn on the Jump mode.
2. Press <BLACK OUT> to turn off the Jump mode.

SOUND

Sound-Active mode will enable the fixture to respond to music.

1. Press <SOUND> on the remote controller to turn on sound-active mode.
2. Press <BLACK OUT> to turn off the sound mode.

SENSITIVITY

To adjust sensitivity for sound mode:

1. Press < SENSITIVITY > on the remote controller.
2. Press <+> or <- > to adjust sound sensitivity.

STROBE

1. Press < STROBE > on the remote controller.
2. Press <+> or <- > to adjust strobe frequency, press <STROBE> again to turn off the strobe.

SPEED

Adjust the speed of Jump / Pulse / Fade programs

1. Press <SPEED> on the remote controller.
2. Press <+> or <- > to adjust the program speed.

FADE

1. Press <FADE> to turn on the fading program
2. Press <+> or <- > to adjust Fade Depth
3. Press <BLACK OUT> to turn off the fading.

MANUAL

1. Press <MANUAL> to turn on colour mode.
2. Press <R>, <G>, , <W>, <A> or <UV> to select red, green, blue, white, amber or UV.
3. Press <+> or <- > to adjust percentage of each colour

%

1. Press <%> on the remote controller to turn on the Pulse program
2. Press <BLACK OUT> to turn off the pulse program.

NUMBER 0~9

Preset colours, press a button 0-9 to turn on the corresponding colour.

Technical Specifications

Photometrics

- Light Source: 6x 6-in-1 RGBWAW 12 W LEDs
- Beam Angle: 40°
- Output: 3820 lux on @ 1 m RGBWAW Full on
- PWM: 20,000 Hz
- LED Lifespan: 50,000 hours

Effects:

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

Power

- Input Voltage: 100~240V AC, 50/60 Hz, 72 W
- Connection: Seetronic® Outdoor True1 in

Control

- Operation Modes: DMX, Wireless DMX, manual, auto, sound active, master/slave, IR Remote
- Control Protocol: DMX512, Wireless DMX, IR
- Interface: 3-pin DMX in/out
- DMX Channels: 6 / 12
- Display: 4-button OLED control panel

Battery

- Single Colour (hr): up to 20
- Full Colour (hr): up to 4

Housing

- Materials: Die-cast aluminium, matte black finish
- Cooling: Fanless
- IP rating: IP65
- Net Weight: 3 kg
- Overall Size: 240 x 165 x 210 mm

Accessories

- Charging Road Case: PAR6CASEWC

Warranty

Please refer to your local dealer or contact Event Lighting.