

EVENT LIGHTING

Propar

Model No. PARRGBW12x8, PARRGBWAU12x12

PARRGBW5x8, PARRGBWAU5x12

USER MANUAL



For safety, please read this user manual carefully before initial 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.

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Safety Instructions

WARNING

- Do not open this device, there is no user-serviceable parts inside. Risk of electric shock.
- Do not look at the light source when the device is on.
- **CAUTION:** This unit's housing may be hot during and after operation.
- Install this device in a location with adequate ventilation, at least 20 inch (50 cm) from adjacent surfaces.
- Do not leave any flammable material within 50 cm of this unit while operating or connected to power.
- Use a safety chain when mounting this device overhead.
- Do not operate this device outdoors or in any location where dust, excessive 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.
- ONLY connect this device to a grounded and protected circuit.
- ONLY use the hanging bracket to carry this device.
- In case of a serious operating problem, stop using immediately.
- The maximum ambient temperature is 104° F (40° C). Do not operate this device at higher temperatures.

Power Input & Power Linking

This device has an auto-switching power supply work with input voltage range of 100~240 VAC, 50/60 Hz.

Link up to the maximum 8A. DO NOT exceed this number.

Product Installation

This device can be mounted in many orientations provided each individual device is secured by the use of correct mounting bracket.

Use a safety chain when mounting this device overhead.

Fuse Replacement

If the fine-wire fuse of the device fuses, only replace the fuse by a fuse of same type and rating.

Before replacing the fuse, unplug mains lead.

Procedure:

Step 1: Unscrew the fuse holder on the rear panel with a fitting screwdriver from the housing (anticlockwise).

Step 2: Remove the old fuse from the fuse holder.

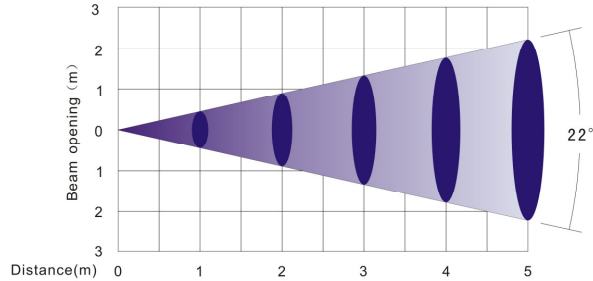
Step 3: Install the new fuse in the fuse holder.

Step 4: Replace the fuse holder in the housing and fix it.

Lux Chart

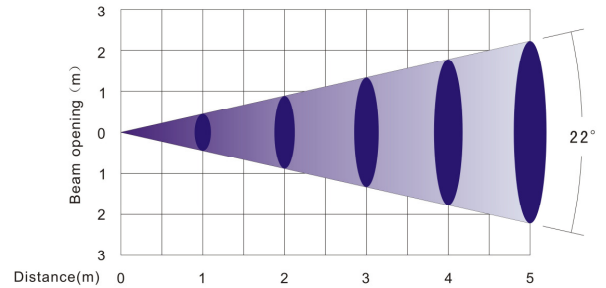
PARRGBWAU12X12

Lux (R)	2250	555	257	150	98
Lux (G)	2835	717	324	183	120
Lux (B)	2061	524	231	134	80
Lux (W)	4040	1148	585	284	186
Lux (A)	1564	402	183	104	71
Lux (U)	716	189	84	48	31
Lux (RGBWAU)	10740	2569	1152	661	529



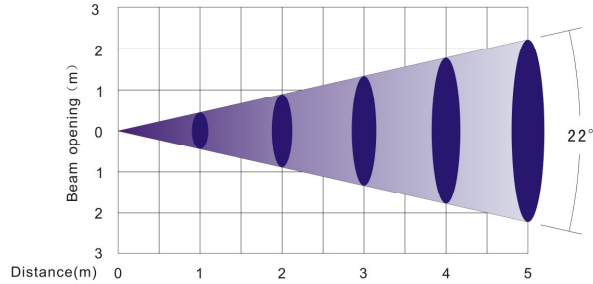
PARRGBW12X8

Lux (R)	3957	977	430	245	160
Lux (G)	3900	1092	485	280	185
Lux (B)	4690	1200	558	308	205
Lux (W)	6000	1700	747	428	282
Lux (RGBW)	15740	4310	1911	1056	693



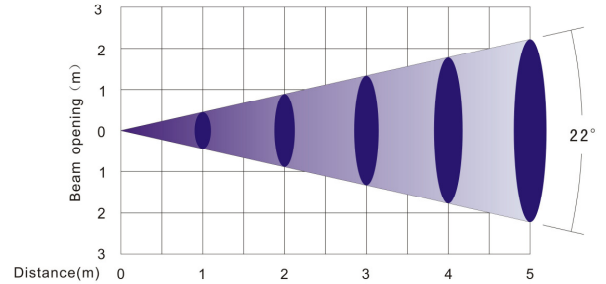
PARRGBWAU5X12

Lux (R)	835	301	89	56	35
Lux (G)	1344	353	156	91	58
Lux (B)	902	245	102	59	40
Lux (W)	1582	425	189	108	72
Lux (A)	832	233	101	53	34
Lux (U)	332	102	45	28	15
Lux (RGBWAU)	4970	1523	555	302	213

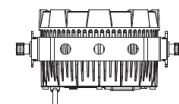
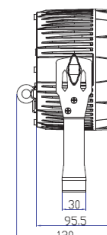
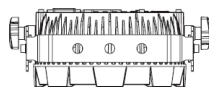
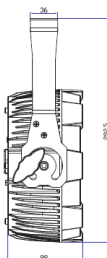
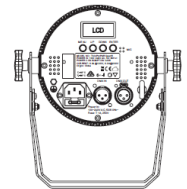
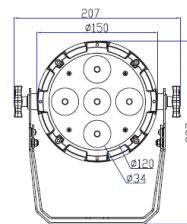
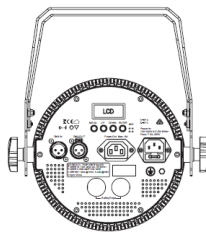
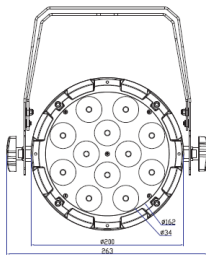


PARRGBW5X8

Lux (R)	1784	457	210	118	78
Lux (G)	1743	467	213	121	81
Lux (B)	2327	588	273	149	98
Lux (W)	2648	786	357	201	135
Lux (RGBW)	7190	1910	883	489	338



Dimensions



CONTROL BOARD OPERATION

Display	Function
DMX Addr	To set DMX address
DMX Chan	To set DMX channel modes: RGBW Models - CH10, CH06, CH04 RGBWAU Models - Ch12, CH08, CH06
Dimmer C	To set dimmer speeds: <01>, <02>, <03>, <04>
Sound	To set sound active mode and the sensitivity (Sen000 ~ Sen100)
Static C	To set static colors: Static Color RGBW Models - R, G, B, W, GB, RB, RG, RGB, RW, GW, BW, RGW, RBW, GBW, RGBW RGBWAU Models - R,G,B,W,A,U,GB,RB,RG,RGB,RW,GW,BW,WA,,RA,GA,BA,RGW, RBW, GBW, RGBW,GBA,BWA,RGA,GWA,RWA,RGBA,GBWA,RBWA,RGWA,RGBQA,RU,GU,AU,RAU,RGBWAU
Manual C	To set user mode intensity of each colour separately for color mixing and strobe rate
Auto Program	To set built-in automatic programs: Pr 01 ~ Pr 05 and speeds Sp000 ~Sp100
Mas/Sla	To set Master/Slave modes

DMX Addressing:

After select the "DMX Addr" and press Enter, then use Up and Down to set the desired DMX address (001~512), press "Enter" again to confirm.

DMX Modes (Three DMX modes option)

After select the "DMX Chan" and press Enter, then use Up and Down to set the desired DMX mode (CH10 / CH06 / CH04), press "Enter" again to confirm.

Dimmer Speed Setting:

After select the "Dimmer C" and press Enter, then use Up and Down to set the desired dimmer curves (01, 02, 03, 04), press "Enter" again to confirm.

Sound Mode

Entered "Sound" mode, use <UP> and <DOWN> to set the sensitivity Sen000 ~ Sen100, press Enter to confirm.

Manual Color Mode

This mode allows the user set intensity of each colour separately to get endless color mixing from the control board without DMX controller to set the device to run strobe desired.

Entered "Manual C" mode, use <UP> and <DOWN> to select the Colours intensity or "S" for strobe

Use <UP> and <DOWN> to set the colors intensity values " 000 ~ 255" or Strobe speed values "S000 ~ S100" (Freeze, Slow ~ Fast), then press "Enter" to confirm.

Setting Static Colors

Entered "Static C" mode, you can select the desired solid color via the UP or DOWN buttons and confirm by Enter

Mode:	RGBW Models		RGBWAU Models	
Static Colour	Value:	Function:	Value:	Function:
	R	Red	CL 01	Red
	G	Green	CL 02	Green
	B	Blue	CL 03	Blue
	W	White	CL 04	White
	GB	Green + Blue	CL 05	Amber
	RB	Red + Blue	CL 06	UV
	RG	Red + Green	CL 07	Green + Blue
	RGB	Red + Green + Blue	CL 08	Red + Green
	RW	Red + White	CL 09	Red + Blue
	GW	Green + White	CL 10	Red + White
	BW	Blue + White	CL 11	Green + White
	RGW	Red + Green + White	CL 12	Blue + White
	RBW	Red + Blue + White	CL 13	White + Amber
	GBW	Green + Blue + White	CL 14	Red + Amber
	RGBW	Red + Green + Blue + White	CL 15	Green + Amber
			CL 16	Blue + Amber
			CL 17	Red + Green + Blue
			CL 18	Red + Green + White
			CL 19	Red + Blue + White
			CL 20	Green + Blue + White
			CL 21	Green + Blue + Amber
			CL 22	Blue + White + Amber
			CL 23	Red + Green + Amber
			CL 24	Green + White + Amber
			CL 25	Red + White + Amber
			CL 26	Red + Green + Blue + Amber
			CL 27	Green + Blue + White + Amber
			CL 28	Red + Green + Blue + White
			CL 29	Red + Blue + White + Amber
			CL 30	Red + Green + White + Amber
			CL 31	Red + Green + Blue + White + Amber
			CL 32	Red + UV
			CL 33	Green + UV
			CL 34	Amber + UV
			CL 35	Red + Amber + UV
			CL 36	Red + Green + Blue + White + Amber + UV

Automatic Mode

This fixture has a built-in automatic program.

Entered "Auto Pro" mode, use <UP> and <DOWN> to select the built-in programs "Pr 01 ~ Pr 05" then press the "Enter" to confirm.

Use <UP> and <DOWN> to select the operating speed of the program(Value:S000 ~ S100, Freeze, Slow ~ Fast), press "Enter" to confirm.

Mode:		
Auto Program	Value:	Function:
	Pr 01	RGBW Model : R G B W colour switching RGBWAU Model R G B W A U colour switching
	Pr 02	RGBW Model : 15 colour switching RGBWAU Model 36 colour switching
	Pr 03	RGBW Model : R G B W colour fading RGBWAU Model R G B W A U colour fading
	Pr 04	RGBW Model : 15 colour fading RGBWAU Model 36 colour fading
	Pr 05	Colour Macros Fading

Master/Slave Operation

1) Set the master fixture to one of the standalone operating modes: automatic, sound, static color or manual color modes

2) Set the slaves, entered "Mas/Sla" mode, set to <S>, press Enter.

"Slave " will display.

DMX VALUES:

4/6 Channels Mode:

RGBW	RGBWAU	VALUE	FUNCTION	
1	1	000-255	Red: 0% ~ 100%	
2	2	000-255	Green: 0% ~ 100%	
3	3	000-255	Blue: 0% ~ 100%	
4	4	000-255	White: 0% ~ 100%	
	5	000-255	Amber: 0% ~ 100%	
	6	000-255	UV: 0% ~ 100%	

6/8 Channels Mode:

RGBW	RGBWAU	VALUE	FUNCTION	
1	1	000-255	Red 0% ~ 100%	
2	2	000-255	Green 0% ~ 100%	
3	3	000-255	Blue 0% ~ 100%	
4	4	000-255	White 0% ~ 100%	
	5	000-255	Amber 0% ~ 100%	
	6	000-255	UV 0% ~ 100%	
5	7	000-255	Master DIMMER 0% ~ 100%	
6	8	000-009	No function	
		010-019	Sound Active	
		020-255	Strobe : Slow ~ Fast (1~30Hz)	

10/12 Channels Mode:

RGBW	RGBWAU	VALUE	FUNCTION	
1	1	000-255	Red 0% ~ 100%	
2	2	000-255	Green 0% ~ 100%	
3	3	000-255	Blue 0% ~ 100%	
4	4	000-255	White 0% ~ 100%	
	5	000-255	Amber 0% ~ 100%	
	6	000-255	UV 0% ~ 100%	
5	7	000-255	Master DIMMER 0% ~ 100%	
6	8	000-009	Strobe OFF	
		010-255	Strobe (slow-fast 1-30Hz)	
7	9	000-019	No Function	
		020-039	RED 100% / GREEN 0% ~ 100% / BLUE 0%	
		040-059	RED 100% ~ 0% / GREEN 100% / BLUE 0%	
		060-079	RED 0% / GREEN 100% / BLUE 0% ~ 100%	
		080-099	RED 0% / GREEN 100% ~ 0% / BLUE 100%	
		100-119	RED 0% ~ 100% / GREEN 0% / BLUE 100%	
		120-139	RED 100% / GREEN 0% / BLUE 100% ~ 0%	
		140-159	RED 100% / GREEN 0% ~ 100% / BLUE 0% ~ 100%	
		160-179	RED 100% ~ 0% / GREEN 100% ~ 0% / BLUE 100%	
		180-200	RED 100% / GREEN 100% / BLUE 100% / WHITE 100%	
		201-204	Color Temperature 1	WARM COOL
		205-209	Color Temperature 2	
		210-214	Color Temperature 3	
		215-219	Color Temperature 4	
		220-224	Color Temperature 5	
		225-229	Color Temperature 6	
		230-234	Color Temperature 7	
		235-239	Color Temperature 8	
		240-244	Color Temperature 9	
		245-249	Color Temperature 10	
		250-255	Color Temperature 11	
8	10	000-009	No Function	
		010-057	Auto Program 1	Single colors switching

		058-106	Auto Program 2	mixed colors switching
		107-155	Auto Program 3	Single colors fading
		156-204	Auto Program 4	Mixed colors Fading
		205-255	Auto Program 5	Color Macros Fading
9	11	000-255	Speed of Auto Programs (Slow ~ Fast)	
10	12	000-009	Use the dimmer of control board setting	
		010-069	Linear dimmer	
		070-130	Non-linear dimmer 1	
		131-191	Non-linear dimmer 2	
		192-255	Non-linear dimmer 3	

TECHNICAL SPECIFICATIONS

Model	PARRGBW 5x8	PARRGBWAU5X12	PARRGBW 12x8	PARRGBWAU12X12
Dimensions and Weight				
LxWxH (mm)	96x213x227		98x263x292.5	
Weight (kg)	1.9		3.2	
Power				
Power Supply	100~240V AC, 50/60 Hz			
Power Consumption (w)	40	50	98	120
Fuse	T 1 A, 250 V		T 2 A, 250 V	
LED	5pcs 8W Quad-color RGBW	5pcs 12W RGBWA+UV 6 in 1	12pcs 8W Quad-color RGBW	12pcs 12W RGBWA+UV 6 in 1
Operation Modes	DMX, Auto, Sound Active, Master/Slave, RGBW Manual Control Mode, Static Colour Mod			
Beam Angle	22°			
Refresh Rate	2940Hz			
DMX Channel	4,6, 10 channels	6,8,12 Channels	4, 6, 10 channels	6,8,12 Channels
Power Input	IEC	Neutrik Powercon	IEC	Neutrik Powercon
Power Output	No	Neutrik Powercon	IEC	Neutrik Powercon
LCD display with 4 buttons control board				
Smooth electronic dimming with a 16-bit 4 Dimmer curve				
Die-cast Aluminum Housing				
Tempered glass front cover lens				
Smart Cooling system without fan				
Variable Speed Strobe Effect (1 – 30 Hz)				

WARRANTY

Please refer to your local dealer or please contact Event Lighting.