

EVENT LIGHTING

PRO PAR

Model No. PAR5x12, PAR12x12

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.

Ver 2.0

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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

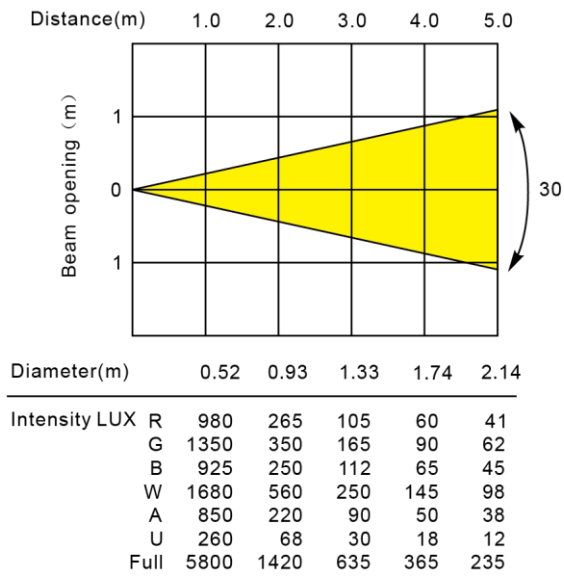
If the fine-wire fuse of the device fuses, only replace the fuse by a fuse of same type and rating. Before replacing the fuse, unplug mains lead.

Procedure:

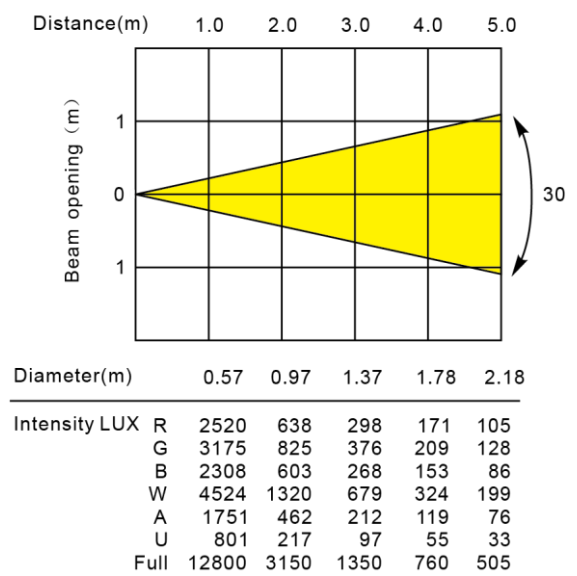
- Step 1: Unscrew the fuse holder on the rear panel with a fitting screwdriver from the housing (anticlockwise).
- Step 2: Remove the old fuse from the fuse holder.
- Step 3: Install the new fuse in the fuse holder.
- Step 4: Replace the fuse holder in the housing and fix it.

Lux Chart

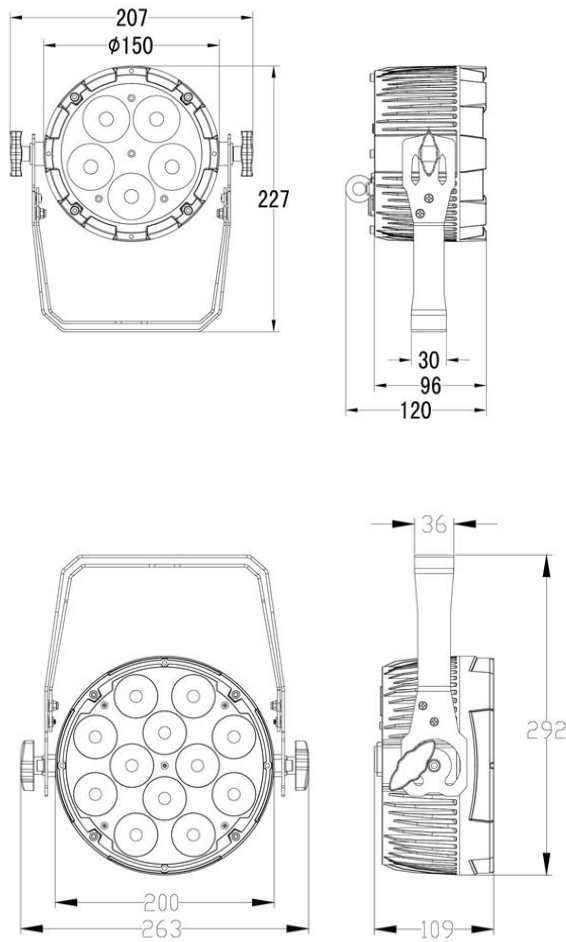
PAR5X12



PAR12X12



Dimensions



CONTROL BOARD OPERATION

Display	Function
DMX Add	To set DMX address
DMX Cha	To set DMX channel modes Ch12, CH08, CH06, CH03, CH02
Dimmer	To set dimmer curve: 01, 02, 03, 04, 05
Sound	To set sound active mode and the sensitivity (Sen000 ~ Sen100)
Static C	To set static colors: Static Color 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 Pro	To set built-in automatic programs (Pr 01 ~ Pr 05) and speed from Sp000 to Sp100 To set sound active mode (Pr 06) and sound sensitivity from Sen000 to Sen100 To set multi fixture chases (Pr 07)
Mas/Sla	To set Master/Slave modes
Reset	To reset factory default setting

DMX Addressing:

After select the "DMX Add" and press "Enter", use "Up" and "Down" button to select the desired DMX address press "Enter" to save new setting

DMX Modes

After select the "DMX Cha" and press "Enter", use "Up" and "Down" button to select the desired DMX mode, press "Enter" to save new setting

Dimmer Speed Setting:

After select the "Dimmer" and press "Enter", use "Up" and "Down" button to select the desired dimmer curves,

Sound Mode

Entered "sound" mode, use "Up" and "Down" button to select the sensitivity Sen000-Sen100, press "Enter" to save new setting

Manual Color Mode

Set intensity of each colour separately to get endless color mixing from the control panel with strobe function.

Entered "Manual C" mode, use "Up" and "Down" button to select the each color (RGBW or RGBWAUV) intensity from 000 to 255 and strobe (S) speed from S000 to S100. (S000 is freeze and S001 to 100 is from slow to fast) press "Enter" to save new setting

Setting Static Colour

Entered "Static C" mode, you can select the desired solid color via the "UP" or "DOWN" buttons, press "Enter" to save new setting

Value:	Function:
R	Red
G	Green
B	Blue
W	White
A	Amber
UV	UV
GB	Green + Blue
RG	Red + Green
RB	Red + Blue
RW	Red + White
GW	Green + White
BW	Blue + White
WA	White + Amber
RA	Red + Amber
GA	Green + Amber
BA	Blue + Amber
RGB	Red +Green + Blue
RGW	Red + Green + White
RBW	Red + Blue + White
GBW	Green + Blue + White
GBA	Green + Blue + Amber
BWA	Blue + White + Amber
RGA	Red + Green + Amber
GWA	Green + White + Amber
RWA	Red + White + Amber
RGBA	Red + Green + Blue + Amber
GBWA	Green + Blue + White + Amber
RGBW	Red + Green + Blue + White
RBWA	Red + Blue + White + Amber
RGWA	Red + Green + White + Amber
EGBWA	Red + Green + Blue + White + Amber
RU	Red + UV
GU	Green + UV
AU	Amber + UV
RAU	Red + Amber + UV
...
RGBWAU	Red + Green + Blue + White + Amber + UV

Automatic & Sound Mode

This fixture has 7 built-in programs.

Entered "Auto Pro" mode, use "Up" and "Down" button to select the built-in programs "Pr 01 ~ Pr 07" then press the "Enter" to confirm.

Use "Up" and "Down" button to select the operating speed of the program (Value:S000 ~ S100, Freeze, Slow ~ Fast), press "Enter" to save new setting.

Mode:		
	Value:	Function:
Auto Program	Pr 01	RGBWAU Model R G B W A UV colour switching
	Pr 02	RGBWAU Model 36 colour switching
	Pr 03	RGBWAU Model R G B W A U colour fading
	Pr 04	RGBWAU Model 36 colour fading
	Pr 05	Color Macros Fading
	Pr 06	Sound active mode
	Pr 07	Multi fixture chases

To setup sound active mode Pr 06

1. Entered "Auto Pro" mode, use "Up" and "Down" button to select the built-in program "Pr 06", press "Enter" to confirm.
2. Use "Up" and "Down" button to select the sensitivity Sen000 ~ Sen100, press "Enter" to save new setting

To setup multi fixture chases Pr 07

Before starting, go to each fixture and reset the menu to fixture defaults.

1. On the master unit, setup the DMX address to the total number of fixtures in the string. For example, you may have a total of 20 par cans including the master, so the DMX address should be set to "20".
2. On the master unit, go to master/slave menu setting and set the unit to master
3. On the master unit, set the unit to "Auto Mode" "Pr 07" which supports multi fixture chases.
4. On each slave unit, setup the DMX address to the fixture position in the string. For example, if this unit is the 2nd unit in the string including the master, then set the DMX address to 2. If this the last unit of 20, then the DMX address should be set to 20. It is possible to double up fixture positions as well as fixture 1.
5. On each slave, go to the master/slave menu setting and set it to slave.

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"

DMX Chart

2 channels Mode

Channel	Value	Function
1	000-255	Warm white to cool white
2	000-255	dimmer 0% ~ 100%

3 channels Mode

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

6 channels 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%
5	000-255	Amber: 0% ~ 100%
6	000-255	UV: 0% ~ 100%

8 channels 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%
5	000-255	Amber: 0% ~ 100%
6	000-255	UV: 0% ~ 100%
7	000-255	Master DIMMER 0% ~ 100%
8	000-009	No function
	010-019	Sound Active
	020-255	Strobe : Slow ~ Fast (1~30Hz)

12 channels 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%
5	000-255	Amber: 0% ~ 100%
6	000-255	UV: 0% ~ 100%
7	000-255	Master DIMMER 0% ~ 100%
8	000-009	Strobe OFF
	010-255	Strobe (slow-fast 1-30Hz)
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
	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	
10	000-009	No Function
	010-049	R G B W A UV colour switching
	050-090	36 colour switching
	091-131	R G B W A U colour fading
	132-172	36 colour fading
	173-213	Color Macros Fading
	214-255	Sound active mode
11	000-255	Speed of auto programs (slow ~ fast) or sound sensitivity
12	000-009	Use dimmer curve from setting of control board
	010-057	16 bits Linear dimmer 1
	058-106	16 bits Non-linear dimmer 2
	107-155	16 bits Non-linear dimmer 3



	156-204	16 bits Non-linear dimmer 4
	205-255	8 bits Linear dimmer 5

TECHNICAL SPECIFICATIONS

Model	PAR5x12	PAR12x12
Dimensions and Weight		
Overall size LxWxH (mm)	207x227x120	263x293x98
Weight (kg)	1.9	3.2
Power		
Power Supply	100~240V AC, 50/60 Hz	
Power Consumption (w)	50	120
Fuse	T 1 A, 250 V	T 2 A, 250 V
LED	5pcs 12W RGBWA+UV 6 in 1 LED	12pcs 12W RGBWA+UV 6 in 1 LED
Operation Modes	DMX, auto run, sound active, master/slave, manual colour control, static colour control	
Beam Angle	30°	
Refresh Rate	2940Hz	
DMX Channel mode	2, 3, 6, 8,12	
Power Input	Neutrik® Powercon	
Power Output	Neutrik® Powercon	

WARRANTY

Please contact your local Kookaburra Account Manager.