

# CosmoPAR

Item ref: 154.075UK

## 7x40W COB LED RGBW PAR Light

User Manual

Please read through this manual thoroughly before use, any damage  
Caused by misuse of product will not be covered by warranty.



A heavy-duty retro-style PAR light, fitted with 7 bright 40W RGBW COB LEDs that produce a vast array of eye-popping colours, patterns and effects. The unit can be controlled by auto, sound-to-light, master/slave programs or via 6/9/21/30 channel DMX if more precise control is required. Produces an amazing wall of brilliant colour when connected to multiple units, ideal for stage backgrounds and larger events.

### In the box:

Your CosmoPAR should arrive with you in a single carton in good condition. The carton should contain 1 x main unit, 1 x UK twist and lock mains lead and 1 x user guide.

### Warning:

To prevent risk of fire or electric shock, do not expose the unit to rain or damp environments. In the event of a spillage, disconnect the mains and allow the unit to dry out naturally. Qualified personnel should then check the unit before continuing use.



**Please do not open cover, contains high voltage. This product is not serviceable or repairable by the end user. Please refer to qualified personnel for service and repair.**

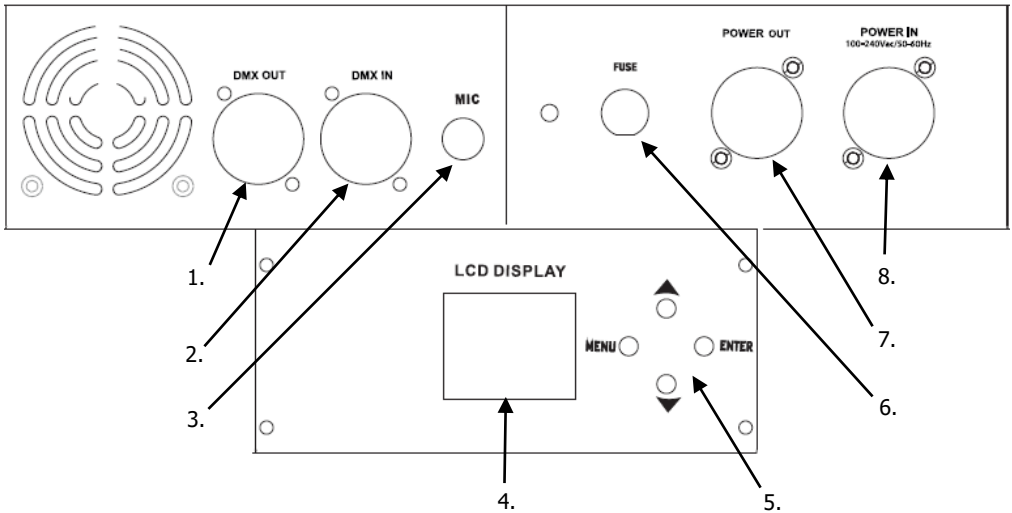


### Placement:

- Keep away from damp or dusty environments.
- Ensure adequate airflow around the fixture housings.
- Ensure adequate access to controls and connections.

### Cleaning:

- Use a soft cloth with a neutral detergent to clean the casing as required.
- Use a vacuum cleaner to clear ventilation grilles of any dust or debris build-ups.
- Do not use strong solvents for cleaning the unit.



### Side panel controls:

- |                |                                  |
|----------------|----------------------------------|
| 1. DMX output  | 5. Control panel                 |
| 2. DMX input   | 6. Fuse                          |
| 3. Microphone  | 7. Power output (twist and lock) |
| 4. LCD display | 8. Power input (twist and lock)  |

### Manual control menu:

Press the **"MENU"** button to enter the settings menu.  
 Press **"UP"** and **"DOWN"** buttons to navigate through various setting functions.  
 Press **"ENTER"** button to save the desired setting.

Menu	Options and Settings	Description
DMX	001-512	DMX Address Code
DMX Mode	CH-06	6 Channel
	CH-09	9 Channel
	CH-21	21 Channel
	CH-30	30 Channel

Menu	Options and Settings		Description	
Auto Mode	Show Mode	Auto00	Stand alone, random effect	
		Auto01-12	Stand alone effect 1-12	
	Show	01-99	Slow to fast	
	Sound Mode	Off	Sound off	
		On	Sound on	
Sensitivity	00-99	Sound Sensitivity		
Slave Mode	Master		Master mode	
	Slave 1		Slave 1	
	Slave 2		Slave 2	
Advanced Settings	Dimmer Mode	Halogen	Halogen	
		Linear	Linear dimmer	
		Square	Square dimmer	
		IN Squa	IN Squa dimmer	
		S_Curve	S_Curve dimmer	
	Display	Off/On	LCD backlight off/on	
	Display	No/Yes	Display inverse	
	LED Calibration	Red	050-255	White balance
		Green	050-255	
		Blue	050-255	
		White	050-255	
	Language	English		English
Chinese			Chinese	
DMX Fail	Auto		when DMX signal is interrupted, it will go auto run	
	Black		when DMX signal is interrupted, it will go back to last selected mode	
	Hold		when DMX signal is interrupted, it will black out	
Software	V1.1		Software version V1.1	

### DMX mode:

The CosmoPAR can be controlled by DMX signal, simply connect the DMX signal source to the DMX input on the unit via a balanced XLR lead. Extra fixtures can be controlled by the same DMX signal by looping through the DMX out on the unit. To enter DMX mode, select Addr from the menu and confirm the correct start address by using the "UP" and "DOWN" buttons and "ENTER" to confirm.

This unit has 6, 9, 21 or 30 DMX channels as indicated in the table below:

## 6 Channel

Channel	Value			Function	
CH1	000	-	255	LED total dimmer 0~100%	Total
CH2	000	-	005	LED on	LED on/strobe
	006	-	015	LED off	
	016	-	131	Strobe, slow to fast	
	132	-	139	LED on	
	140	-	181	Fast on slow off, slow to fast	
	182	-	189	LED on	
	190	-	231	Slow on fast off, slow to fast	
	232	-	239	LED on	
	240	-	247	Lightning strobe	
248	-	255	LED on		
CH3	000	-	255	Red Linear dimmer, 0-100%	LED
CH4	000	-	255	Green Linear dimmer, 0-100%	
CH5	000	-	255	Blue Linear dimmer, 0-100%	
CH6	000	-	255	Warm White Linear dimmer, 0-100%	

## 9 Channel

Channel	Value			Function	
CH1	000	-	255	LED total dimmer 0-100%	Dimmer
CH2	000	-	005	LED on	LED on/strobe
	006	-	015	LED off	
	016	-	131	Strobe, slow to fast	
	132	-	139	LED on	
	140	-	181	Fast on slow off, slow to fast	
	182	-	189	LED on	
	190	-	231	Slow on fast off, slow to fast	
	232	-	239	LED on	
	240	-	247	Lightning strobe	
248	-	255	LED on		
CH3	000	-	255	Red Linear dimmer, 0-100%	LED
CH4	000	-	255	Green Linear dimmer, 0-100%	
CH5	000	-	255	Blue Linear dimmer, 0-100%	
CH6	000	-	255	Warm White Linear dimmer,	

CH7	000	-	005	No function	Color
	006	-	125	Fixed color	
	126	-	189	Color jumping, slow to fast	
	190	-	255	Color fading, slow to fast	
CH8	000	-	009	ON	Effect mode
	010	-	029	Effect 1	
	030	-	049	Effect 2	
	050	-	069	Effect 3	
	070	-	089	Effect 4	
	090	-	109	Effect 5	
	110	-	129	Effect 6	
	130	-	149	Effect 7	
	150	-	169	Effect 8	
	170	-	189	Effect 9	
	190	-	209	Effect 10	
	210	-	229	Effect 11	
	230	-	249	Effect 12	
CH9	000	-	249	Effect speed, slow to fast	Effect speed/ sound control
	250	-	255	Sound control mode on	

## 21 Channels

Channel	Value			Function	
CH1	000	-	255	LED1 dimmer 0-100%	LED 1
CH2	000	-	005	LED on	
	006	-	015	LED off	
	016	-	131	Strobe, slow to fast	
	132	-	139	LED on	
	140	-	181	Fast on slow off, slow to fast	
	182	-	189	LED on	
	190	-	231	Slow on fast off, slow to fast	
	232	-	239	LED on	
	240	-	247	Lightning strobe	
	248	-	255	LED on	

CH3	000	-	005	No function	LED 1
	006	-	125	Fixed color	
	126	-	189	Color jumping, slow to fast	
	190	-	255	Color fading, slow to fast	
CH4	000	-	255	LED2 dimmer 0-100%	LED 2
CH5	000	-	005	LED on	
	006	-	015	LED off	
	016	-	131	Strobe, slow to fast	
	132	-	139	LED on	
	140	-	181	Fast on slow off, slow to fast	
	182	-	189	LED on	
	190	-	231	Slow on fast off, slow to fast	
	232	-	239	LED on	
	240	-	247	Lightning strobe	
248	-	255	LED on		
CH6	000	-	005	No function	
	006	-	125	Fixed color	
	126	-	189	Color jumping, slow to fast	
	190	-	255	Color fading, slow to fast	
CH7	000	-	255	LED3 dimmer 0-100%	LED 3
CH8	000	-	005	LED on	
	006	-	015	LED off	
	016	-	131	Strobe, slow to fast	
	132	-	139	LED on	
	140	-	181	Fast on slow off, slow to fast	
	182	-	189	LED on	
	190	-	231	Slow on fast off, slow to fast	
	232	-	239	LED on	
	240	-	247	Lightning strobe	
248	-	255	LED on		
CH9	000	-	005	No function	
	006	-	125	Fixed color	
	126	-	189	Color jumping, slow to fast	
	190	-	255	Color fading, slow to fast	

CH10	000	-	255	LED4 dimmer 0-100%	LED 4
CH11	000	-	005	LED on	
	006	-	015	LED off	
	016	-	131	Strobe, slow to fast	
	132	-	139	LED on	
	140	-	181	Fast on slow off, slow to fast	
	182	-	189	LED on	
	190	-	231	Slow on fast off, slow to fast	
	232	-	239	LED on	
	240	-	247	Lightning strobe	
	248	-	255	LED on	
CH12	000	-	005	No function	
	006	-	125	Fixed color	
	126	-	189	Color jumping, slow to fast	
	190	-	255	Color fading, slow to fast	
CH13	000	-	255	LED5 dimmer 0-100%	
CH14	000	-	005	LED on	
	006	-	015	LED off	
	016	-	131	Strobe, slow to fast	
	132	-	139	LED on	
	140	-	181	Fast on slow off, slow to fast	
	182	-	189	LED on	
	190	-	231	Slow on fast off, slow to fast	
	232	-	239	LED on	
	240	-	247	Lightning strobe	
	248	-	255	LED on	
CH15	000	-	005	No function	
	006	-	125	Fixed color	
	126	-	189	Color jumping, slow to fast	
	190	-	255	Color fading, slow to fast	
CH16	000	-	255	LED6 dimmer 0-100%	

CH17	000	-	005	LED on	LED 6
	006	-	015	LED off	
	016	-	131	Strobe, slow to fast	
	132	-	139	LED on	
	140	-	181	Fast on slow off, slow to fast	
	182	-	189	LED on	
	190	-	231	Slow on fast off, slow to fast	
	232	-	239	LED on	
	240	-	247	Lightning strobe	
	248	-	255	LED on	
CH18	000	-	005	NO function	
	006	-	125	Fixed color	
	126	-	189	Color jumping, slow to fast	
	190	-	255	Color fading, slow to fast	
CH19	000	-	255	LED7 dimmer 0-100%	
CH20	000	-	005	LED on	
	006	-	015	LED off	
	016	-	131	Strobe, slow to fast	
	132	-	139	LED on	
	140	-	181	Fast on slow off, slow to fast	
	182	-	189	LED on	
	190	-	231	Slow on fast off, slow to fast	
	232	-	239	LED on	
	240	-	247	Lightning strobe	
	248	-	255	LED on	
CH21	000	-	005	No function	
	006	-	125	Fixed color	
	126	-	189	Color jumping, slow to fast	
	190	-	255	Color fading, slow to fast	



### 30 Channels

Channel	Value			Function	
CH1	000	-	255	LED Total dimmer 0-100%	Dimmer
CH2	000	-	005	LED on	LED on/ strobe
	006	-	015	LED off	
	016	-	131	Strobe, slow to fast	
	132	-	139	LED on	
	140	-	181	Fast on slow off, slow to fast	
	182	-	189	LED on	
	190	-	231	Slow on fast off, slow to fast	
	232	-	239	LED on	
	240	-	247	Lightning strobe	
248	-	255	LED on		
CH3	000	-	255	R1 dimmer 0-100%	LED 1
CH4	000	-	255	G1 dimmer 0-100%	
CH5	000	-	255	B1 dimmer 0-100%	
CH6	000	-	255	W1 dimmer 0-100%	
CH7	000	-	255	R2 dimmer 0-100%	LED 2
CH8	000	-	255	G2 dimmer 0-100%	
CH9	000	-	255	B2 dimmer 0-100%	
CH10	000	-	255	W2 dimmer 0-100%	
CH11	000	-	255	R3 dimmer 0-100%	LED 3
CH12	000	-	255	G3 dimmer 0-100%	
CH13	000	-	255	B3 dimmer 0-100%	
CH14	000	-	255	W3 dimmer 0-100%	
CH15	000	-	255	R4 dimmer 0-100%	LED 4
CH16	000	-	255	G4 dimmer 0-100%	
CH17	000	-	255	B4 dimmer 0-100%	
CH18	000	-	255	W4 dimmer 0-100%	

CH19	000	-	255	R5 dimmer 0-100%	LED 5
CH20	000	-	255	G5 dimmer 0-100%	
CH21	000	-	255	B5 dimmer 0-100%	
CH22	000	-	255	W5 dimmer 0-100%	
CH23	000	-	255	R6 dimmer 0-100%	LED 6
CH24	000	-	255	G6 dimmer 0-100%	
CH25	000	-	255	B6 dimmer 0-100%	
CH26	000	-	255	W6 dimmer 0-100%	
CH27	000	-	255	R7 dimmer 0-100%	LED 7
CH28	000	-	255	G7 dimmer 0-100%	
CH29	000	-	255	B7 dimmer 0-100%	
CH30	000	-	255	W7 dimmer 0-100%	

### Specifications:

<b>Power</b>	100 - 240Vac, 50/60Hz
<b>Power consumption</b>	260W
<b>Fuse rating</b>	F5A
<b>LED power</b>	7 x 40W COB RGBW LED
<b>Luminance : red</b>	1429 @ 1m
<b>Luminance : green</b>	1469 @ 1m
<b>Luminance : blue</b>	1872 @ 1m
<b>Luminance : white</b>	1205 @ 1m
<b>Luminance : RGBW</b>	5820 @ 1m
<b>Beam angle</b>	40°
<b>DMX channels</b>	6, 9, 21 or 30CH
<b>Connections</b>	Power in/out (twist and lock), DMX in/out (3pin XLR)
<b>Dimensions</b>	159 x 215 x 200mm
<b>Weight</b>	1.8kg

### Troubleshooting:

<b>No power (mains)</b>	Check mains lead and fuse (if fuse continually blows, refer to your dealer)
	Check the unit is charged and the power switch is in the On position
<b>No light output</b>	Check control panel mode settings
	Check DMX settings from controller (dimmer levels, blackout etc.)
<b>Unresponsive to DMX</b>	Check that unit is in DMX mode and ensure DMX address remains lit to confirm receiving DMX signal
	Check DMX controller is not set to black out
	Check DMX controller is on correct fixture/page

	Check master dimmer value
	Check correct DMX address is set
	Check DMX connection and leads
<b>Overheating/cutting out</b>	Ensure adequate ventilation and unit is not too close to a heat source



This product is classed as Electrical or Electronic equipment and should not be disposed with other household or commercial waste at the end of its useful life. The goods must be disposed of according to your local council guidelines.

**Errors and omissions excepted.**

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