PAR60-RGB

60W RGB LED Mini Profile Spotlight

Item ref: 151.677UK

User Manual

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

A compact LED profile spotlight, ideal for performances and venues where a controlled spot is required. Switch between RGB solid colours or various colour change options using the control panel on the back of the unit, supplied IR remote control or by DMX connection if required. Fitted with a bright 60W LED, the beam can be manually focused on the desired surface up to 8m away and reduced in size using the built-in iris shutter.

In the box:

Your PAR60 should arrive with you in a single carton in good condition. The carton should contain
1 x main unit, 1x mounting bracket and thumbscrews, 1 x UK IEC 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.**
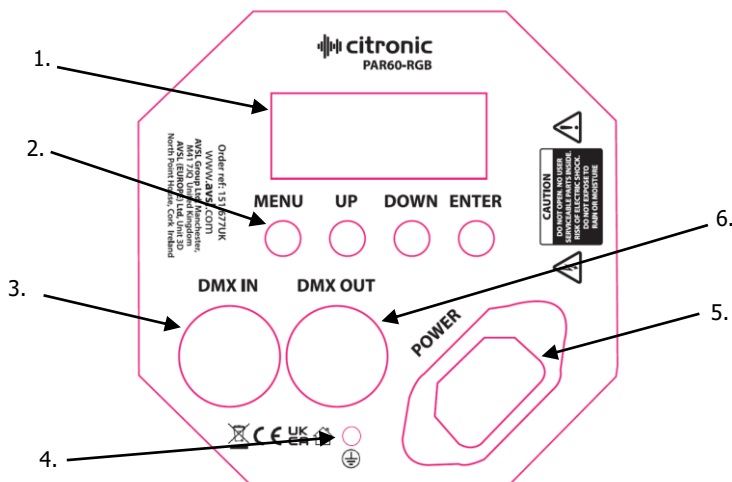
Placement:

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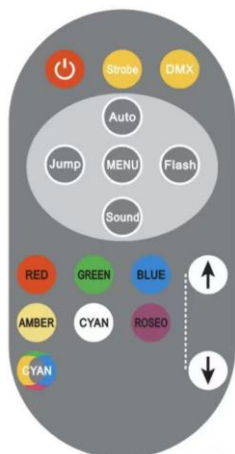- Ensure adequate access to controls and connections.

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.

Rear panel controls:

1. LCD display
2. Manual control buttons
3. DMX input

4. Earth screw (do not remove)
5. IEC power input
6. DMX output

Remote Control:

⏻	Remote control is open or off	Strobe	Strobe is open or off
RED	Red is open or off	DMX	DMX512 mode select
GREEN	Green is open or off	↑	Color changing speed adjustment (slow to fast)
BLUE	Blue is open or off		Strobe speed adjustment (slow to fast)
MENU	Confirmation button	↓	Color changing speed adjustment (fast to slow)
Jump	Auto Mode 1 (Colour jump changing)		Strobe speed adjustment (fast to slow)
Flash	Auto Mode 2 (Colour pulse changing)	Sound	Sound active mode (Sound with color changing)
Auto	Auto Mode 3 (Colour gradual changing)		

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.

MAIN MENU	BRANCH MENU VALUE	FUNCTION
A001	A001-A512	7 Channel DMX512 Address Set
d001	d001-d512	3 Channel DMX512 Address Set
CJ01	CJ01-CJ16	Colour jump changing (speed from slow to fast)
CF01	CF01-CF16	Colour gradual changing (speed from slow to fast)
CC01	CC01-CC16	Colour pulse changing (speed from slow to fast)
SOUD		Sound active mode
CL01	CL01-CL07	Colour selection
U000	U000-U255	Red dimming (0-100%)
G000	G000-G255	Green dimming (0-100%)
b000	b000-b255	Blue dimming (0-100%)

DMX mode:

The PAR60 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 A001 or d001 from the menu and confirm the correct start address by using the "**UP**" and "**DOWN**" buttons and "**ENTER**" to confirm.
This unit has 3 or 7 DMX channels as indicated in the tables below:

3 Channel:

Channels	Value	Functions
CH1	0-255	Red dimming (0-100%)
CH2	0-255	Green dimming (0-100%)
CH3	0-255	Blue dimming (0-100%)

7 Channel:

Channels	Value	Functions	Setting
CH1	0-255	Master dimmer (0-100%)	All mode availability
CH2	0-255	Red dimming (0-100%)	Dimming mode availability
CH3	0-255	Green dimming (0-100%)	
CH4	0-255	Blue dimming (0-100%)	
CH5	0--255	Strobe (speed from slow to fast)	All mode availability

CH6	0--49	Open CH1-CH5	
	50--99	Colour jump changing	
	100--149	Colour gradual changing	
	150--199	Colour pulse changing	
	200--255	Open Sound	
CH7	0--255	Speed (from slow to fast)	

Specifications:

Power	100 - 240Vac, 50/60Hz (IEC)
Power consumption	60W
LED spot	1pc 60W RGB COB LED
Effective distance	Up to 8m
Beam angle	8°
Modes	Auto, Sound, DMX, Master/Slave
DMX channels	3 or 7CH
Connections	Power in (IEC), DMX in/out (3pin XLR)
Remote battery	CR2025 (supplied)
Dimensions	340 x 170 x 120mm
Weight	2.45kg

Troubleshooting:

No power (mains)	Check IEC 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
No light output	Check control panel mode settings
	Check DMX settings from controller (dimmer levels, blackout etc.)
Unresponsive to DMX	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
Overheating/cutting out	Ensure adequate ventilation and unit is not too close to a heat source

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