PAR-186

High Power RGBWA-UV PAR Can

Item ref: 154.042UK

User Manual

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

Thank you for choosing the PAR-186, A lightweight, high output LED PAR can fitted with 12pcs of 15W super bright 6-in-1 COB LEDs. This light can be controlled manually via the controls on the back of the unit, by the internal automatic or sound-activated programs or with a DMX controller if more precise control is preferred. The tough plastic housing is accompanied by a flexible plastic mounting bracket, giving the whole unit a total of weight of only 1.25Kg. Ideal solution for parties and events where background colour wash or U/V illumination is required.

In the box:

Your PAR-186 should arrive with you in a single carton in good condition. The carton should contain 1 x main unit with bracket and screws, 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.
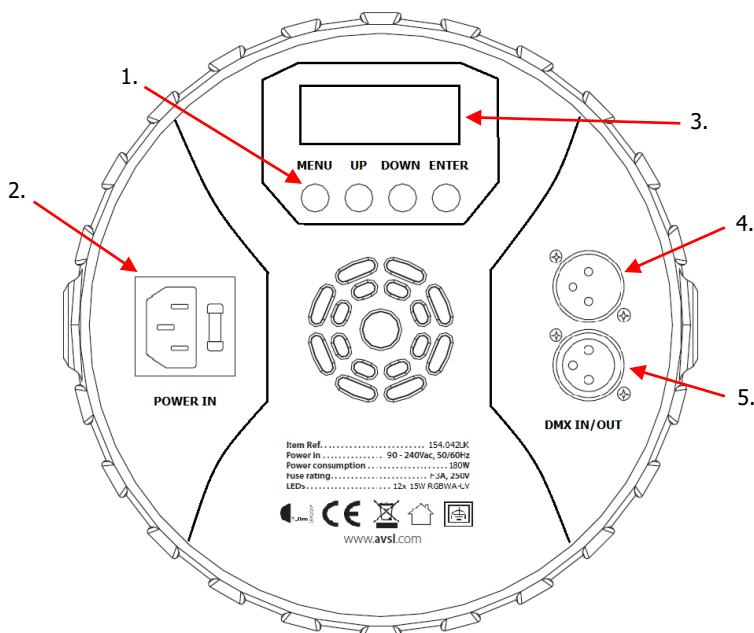> Please refer to qualified personnel for service and repair.**

Placement:

- Use the included mounting bracket to fix to a stand or lighting truss
- 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. Manual control buttons
2. IEC power in (fused)
3. LCD display
4. DMX input
5. DMX output

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	Number range	Function and description
d001	d001-d512	DMX512 address setting (6 channel mode)
A001	A001-A512	DMX512 address setting (10 channel mode)

R255	r000-r255	Red dimming (0-100%)
G255	G000-G255	Green dimming (0-100%)
B255	b000-b255	Blue dimming (0-100%)
U255	u000-u255	White dimming (0-100%)
Y255	Y000-Y255	Amber dimming (0-100%)
P255	P000-P255	UV dimming (0-100%)
FH99	FH01-FH99	Strobe setting (speed slow to fast)
CL01	CL01-CL08	Single colour selection
CC99	CC01-CC99	Colour change (speed slow to fast)
dE99	dE01-dE99	Colour fade (speed slow to fast)
CP99	CP01-CP99	Colour pulse (speed slow to fast)
SU01	SU01-SU99	Sound active modes (1-9)
M ma	Ma-Sl	Master/Slave modes

DMX mode:

The PAR-186 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 d001 (6CH mode) or A001 (10CH mode) from the menu and confirm the correct start address by using the "**UP**" and "**DOWN**" buttons and "**ENTER**" to confirm. Both 6CH and 10CH mode DMX values are indicated in the tables below:

6 Channel Mode (d001):

Channel	Value	Function
CH1	0-255	Red dimming (0-100%)
CH2	0-255	Green dimming (0-100%)
CH3	0-255	Blue dimming (0-100%)
CH4	0-255	White dimming (0-100%)
CH5	0-255	Amber dimming (0-100%)
CH6	0-255	UV dimming (0-100%)

10 Channel Mode (A001):

Channel	Value	Function
CH1	0-255	Master dimmer (0-100%)
CH2	0-255	Red dimming (0-100%)
CH3	0-255	Green dimming (0-100%)
CH4	0-255	Blue dimming (0-100%)
CH5	0-255	White dimming (0-100%)
CH6	0-255	Amber dimming (0-100%)
CH7	0-255	UV dimming (0-100%)
CH8	0-255	Strobe setting (speed slow to fast)
CH9	0-50	No function
	51-100	Single colour selection (use CH10 to scroll)
	101-150	Colour change
	151-200	Colour fade
	201-250	Colour pulse
	251-255	Sound active mode
CH10	0-255	CH9 speed setting (slow to fast)

Specifications:

Power supply	90-240Vac, 50/60Hz (IEC)
Power consumption	180W
Fuse rating	F3A
LED quantity	12 x 15W RGBWA-UV
DMX channels	6/10CH
Beam angle	25°
Dimensions	235 x 235 x 95mm
Weight	1.25g

Troubleshooting:

No power (mains)	Check mains voltage is correct, and outlet is switched on
	Check IEC lead and fuse (if fuse continually blows, refer to your dealer)
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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