PAR54

4in1 LED PAR Can

Item ref: 154.035UK

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 PAR54, a lightweight and compact LED PAR Can fitted with 9x 6W 4-in-1 RGBW LEDs. This unit can be controlled by auto, sound-to-light, master/slave programs or via 8 channel DMX. A versatile and value solution for background wash illumination requirements.

In the box:

Your PAR54 should arrive with you in a single carton in good condition. The carton should contain
1 x main unit with bracket and screws, 1x remote control, 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.
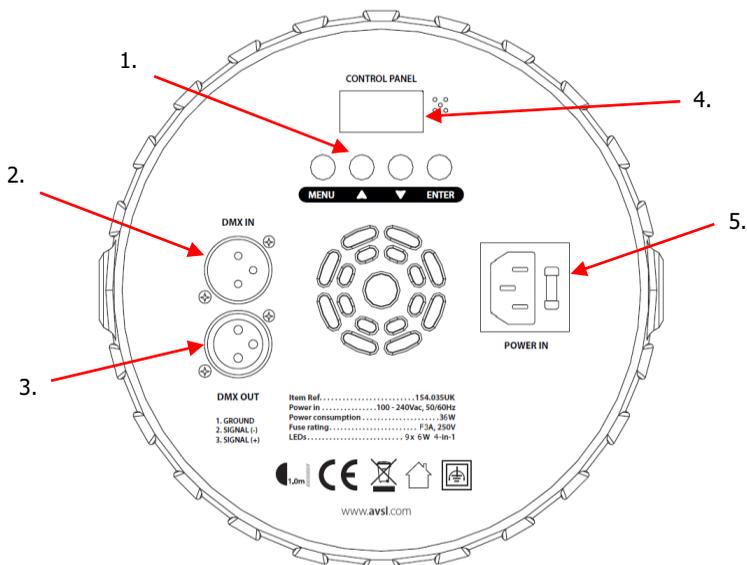> Please refer to qualified personnel for service and repair.**

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. DMX Signal in
3. DMX signal out
4. LED display
5. IEC power in (fused)
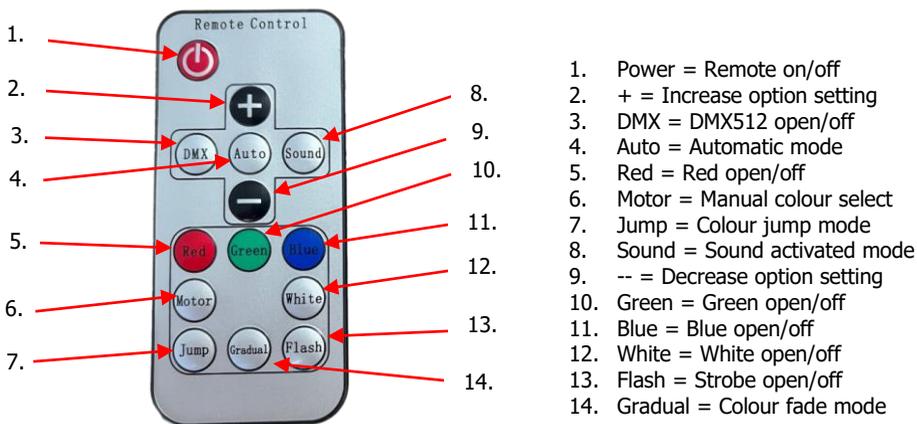
Manual control menu:

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
A001	A001-A512	DMX512 address setting
IrYE	IrYE or Irno	IR remote control on or off
AU01	AU01-AU07	Manual colour selection
FF00	FF00-FF99	Colour jump setting (speed slow to fast)

EE00	EE00-EE99	Colour fade setting (speed slow to fast)
CC00	CC00-CC99	Colour pulse setting (speed slow to fast)
F000	F000-F255	Strobe setting (speed slow to fast)
SoUD	SoU0-SoU9	Sound to light colour jump setting (sensitivity high to low)
SUnD	SUn0-SUn9	Sound to light colour pulse setting (sensitivity high to low)
r000	r000-r255	Red dimming (0-100%)
G000	G000-G255	Green dimming (0-100%)
b000	b000-b255	Blue dimming (0-100%)
u000	u000-u255	White dimming (0-100%)
o000	o000-o255	IR remote control dimming (dark to bright)

Remote control:

The PAR54 is supplied with an I.R. remote control for quick access to most of the basic functions of the unit. This has a maximum range of approximately 4-5m and must be aimed towards the front of the unit. Controls and functions are listed on the diagram below:

1. Power = Remote on/off
2. + = Increase option setting
3. DMX = DMX512 open/off
4. Auto = Automatic mode
5. Red = Red open/off
6. Motor = Manual colour select
7. Jump = Colour jump mode
8. Sound = Sound activated mode
9. -- = Decrease option setting
10. Green = Green open/off
11. Blue = Blue open/off
12. White = White open/off
13. Flash = Strobe open/off
14. Gradual = Colour fade mode

DMX mode:

The PAR54 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 from the menu and confirm the correct start address by using the "**UP**" and "**DOWN**" buttons and "**ENTER**" to confirm.
This unit has 8 DMX channels as indicated in the table below:

Channel	Value	Function
CH1	0-255	Master dimming (0-100%)
CH2	10-255	Strobe (speed slow to fast)
CH3	0-50	CH1-CH6 control
	051-100	Manual colour selection
	101-150	Colour jump
	151-200	Colour fade
	201-250	Colour pulse
CH4	0-255	Function speed control (slow to fast)

CH5	0-255	Red dimming (0-100%)
CH6	0-255	Green dimming (0-100%)
CH7	0-255	Blue dimming (0-100%)
CH8	0-255	White dimming (0-100%)

Specifications:

Power supply	110-240Vac, 50/60Hz (IEC)
Power consumption	36W
Fuse rating	F3A
LED quantity	9 x 6W RGBW
DMX channels	8
Beam angle	45°
Dimensions	205 x 205 x 80mm
Weight	955g

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