

# PAR100W

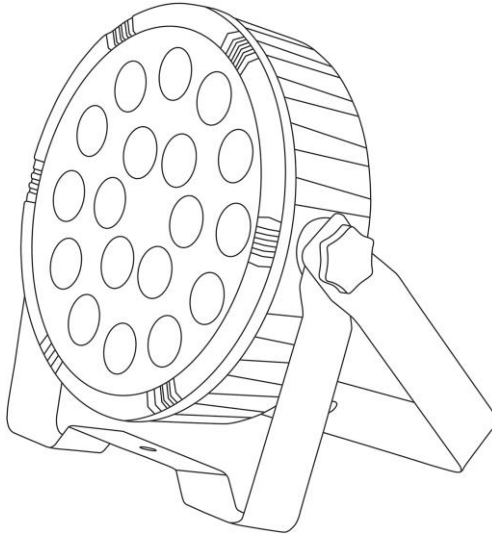
Item ref: 154.029UK

## White LED PAR Can

## 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 PAR100W, A lightweight and compact LED PAR Can fitted with 18 bright 1W cool white LEDs. This unit can be controlled by auto, sound-to-light, master/slave programs or via DMX and provides a great value solution for white background wash and spot illumination.



### In the box:

Your PAR100W 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 manual.

### 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.**

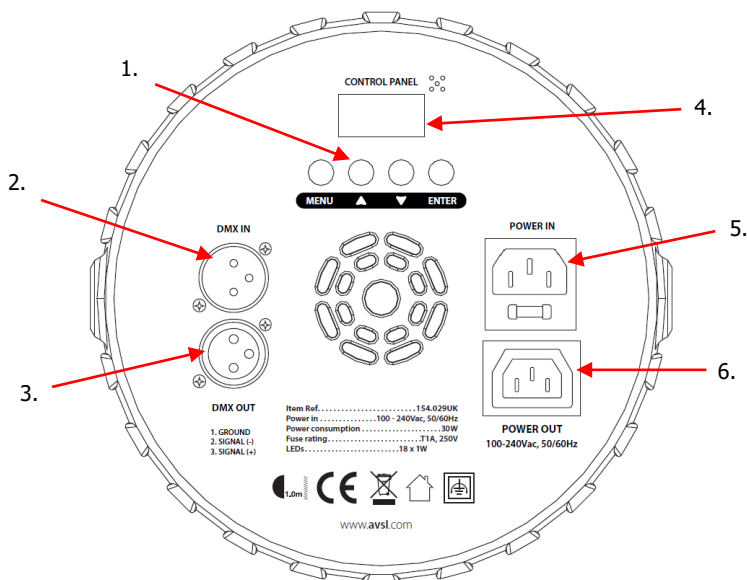


### Placement:

- 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
- Regularly 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 | 4. LED display          |
| 2. DMX Signal in          | 5. IEC power in (fused) |
| 3. DMX signal out         | 6. IEC power out        |

### Manual control menu:

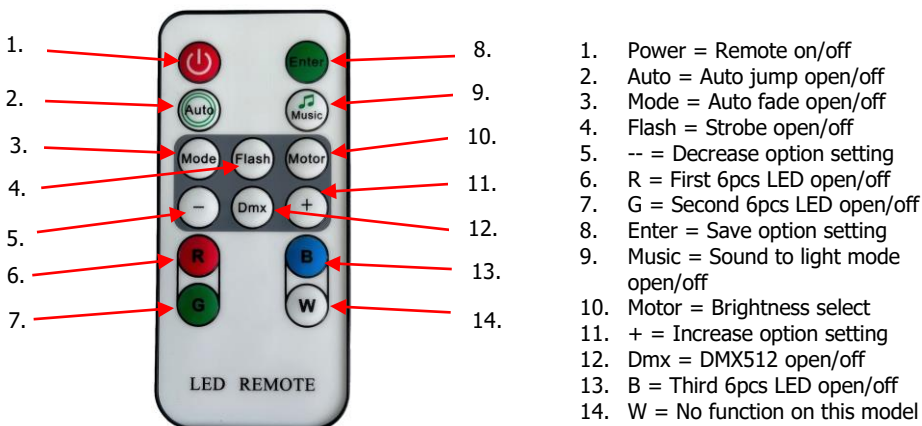
Press the "MENU" button to enter the settings menu.  
 Press "UP" and "DOWN" buttons to navigate through various setting functions.  
 Press "ENTER" button to save the desired setting.

Menu	Number range	Function and description
A001	A001-A512	DMX512 address settings
ADYE	ADYE or ADno	DMX512 Master on or off (Slave)
rEYE	rEYE or RENo	Remote control on or off
AU01	AU01-AU07	Brightness select

FF00	FF00-FF99	Auto jump setting (speed slow to fast)
EE00	EE00-EE99	Auto fade setting (speed slow to fast)
CC00	CC00-CC99	Auto pulse setting (speed slow to fast)
F000	F000-F255	Strobe setting (speed slow to fast)
S0UD	S0UD	Sound to light with strobe setting
SUND	SUND	Sound to light jump change setting
r000	r000-r255	First 6pcs LED dimming (0-100%)
G000	G000-G255	Second 6pcs LED dimming (0-100%)
b000	b000-B255	Third 6pcs LED dimming (0-100%)

### Remote control:

The PAR100W is supplied with an I.R. remote control for quick access to most of the basic functions of the unit. This must be aimed at the front of the unit where there is a remote receiver and has a maximum range of approximately 4-5m. Controls and functions are listed on the diagram below:



1. Power = Remote on/off
2. Auto = Auto jump open/off
3. Mode = Auto fade open/off
4. Flash = Strobe open/off
5. -- = Decrease option setting
6. R = First 6pcs LED open/off
7. G = Second 6pcs LED open/off
8. Enter = Save option setting
9. Music = Sound to light mode open/off
10. Motor = Brightness select
11. + = Increase option setting
12. Dmx = DMX512 open/off
13. B = Third 6pcs LED open/off
14. W = No function on this model

### DMX mode:

The PAR100W 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 7 DMX channels as indicated in the table below:

Channel	Value	Function	Setting
CH1	0-255	Master dimming (0-100%)	Available in all modes
CH2	0-255	First 6pcs LED dimming (0-100%)	Dimming modes only
CH3	0-255	Second 6pcs LED dimming (0-100%)	
CH4	0-255	Third 6pcs LED dimming (0-100%)	
CH5	0-255	Strobe (speed slow to fast)	Available in all modes
CH6	0-50	Open CH1-CH5	
	51-100	Brightness select	
	101-150	Auto jump setting	

CH6 (cont'd)	151-200	Auto fade setting	
	201-250	Auto pulse setting	
	251-255	Open sound to light setting	
CH7	0-255	Speed from slow to fast	Auto modes only

### Specifications:

<b>Power supply</b>	110-240Vac, 50/60Hz (IEC)
<b>Power consumption</b>	30W
<b>Fuse rating</b>	T1.0A
<b>LED quantity</b>	18 x 1W (cool white)
<b>DMX channels</b>	7
<b>Beam angle</b>	25°
<b>Projection distance</b>	10m (approx.)
<b>Dimensions</b>	200 x 200 x 78mm (without Bracket)
<b>Weight</b>	1.14kg

### 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 blackout
	Check DMX controller is on correct fixture/page
	Check master dimmer value
	Check correct DMX address is set
Overheating/ cutting out	Check DMX connection and leads
	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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Taylor Road, Trafford Park, Manchester. M41 7JQ.

AVSL (Europe) Ltd, Unit 3D North Point House,  
North Point Bus. Park, New Mallow Road, Cork, Ireland.