PAR56 HIGH POWER 6-in-1 LED PLASTIC PAR CAN
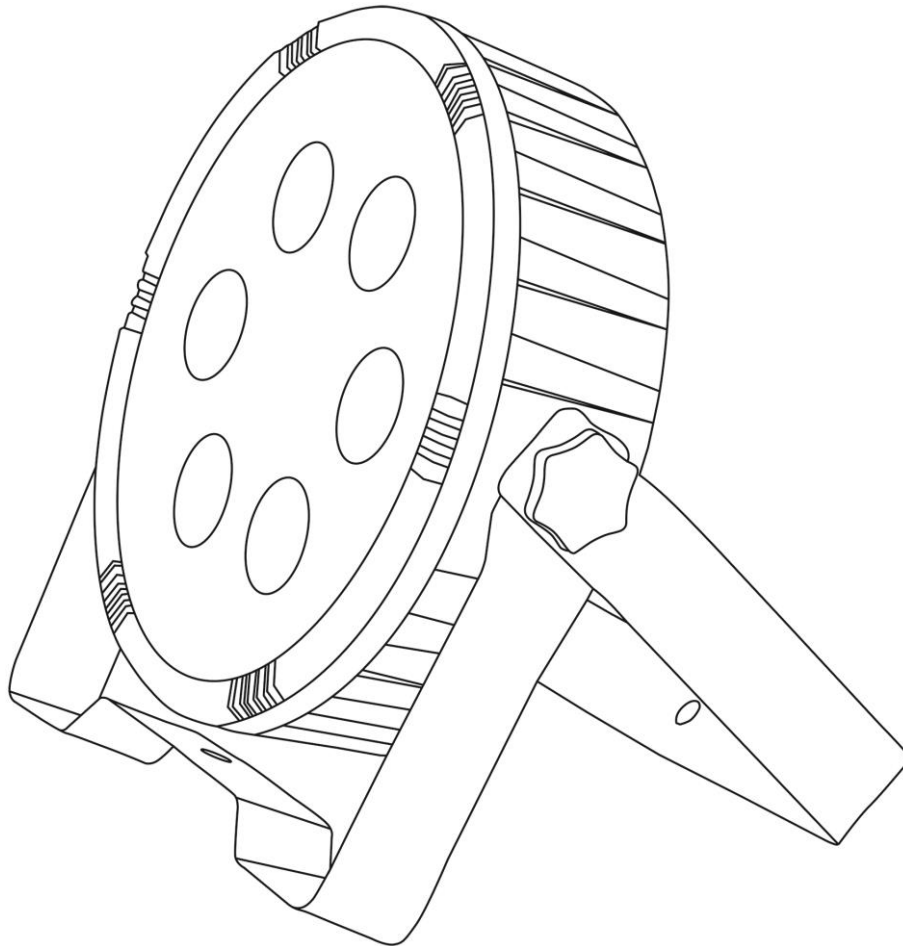## Item refs: 154.032UK
User Manual

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

Please read this manual thoroughly before use.
Any damage caused by misuse of the product will void the warranty.

A lightweight and compact LED PAR Can fitted with 6 6-in-1 ultra bright LEDs. This unit can be controlled by auto, sound-to-light, master/slave programs or via DMX. A great value solution for background wash illumination.
To prevent risk of fire or electric shock, do not expose unit to rain or moisture. In case of accidental spillage on the unit, disconnect the main and allow unit to dry completely. Have unit check by professional personnel to ensure safety before further use.
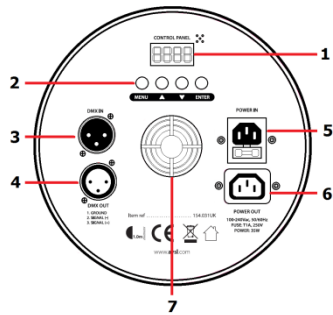

Contents
A PAR Can unit with double bracket, UK mains lead and manual. Please check all contents are complete before use, return to dealer if anything is missing.

Always check the correct voltage and the condition of the IEC lead before connecting to a power outlet.
Always ensure any DMX leads used are in good condition with no short connections or damaged plugs.

Product Layout

1. 7 segment LCD display
2. 4 button manual control
3. DMX in
4. DMX out
5. IEC power in
6. IEC power out
7. Cooling fan DO NOT OBSTRUCT

Menu	Sub Menu	Description
Addr	1 to 512	Set DMX start address 1 to 512
Chnd	6 ch	Set DMX control mode as 6 channels
	10 ch	Set DMX control mode as 10 channels
SLnd	MASt	Master and slave setting, set unit as master
	SL 1	Master and slave setting, set unit as slave mode 1
	SL 2	Master and slave setting, set unit as slave mode 2
	SL 3	Master and slave setting, set unit as slave mode 3
	SL 4	Master and slave setting, set unit as slave mode 4
Shnd	AUto	Preprogramed auto colour jump show
	SoUn	Sound activating show
	FAdE	Colour scroll show, Speed setting of SPO1 to SPO8
	CoLo	16 pre-set static colour, strobe setting 1 – 255, slow to fast
LEd		7 segment LCD standby setting, oFF = display off when not use, on = constant display on
dISP		Select to toggle normal or inverted display
bALA	rEd	Balance setting for red colour for show mode
	9rEE	Balance setting for green colour for show mode
	bLUE	Balance setting for blue colour for show mode
MAnU	rEd	Manual colour mixing for red value 0-255
	9rEE	Manual colour mixing for green value 0-255
	bLUE	Manual colour mixing for blue value 0-255
	WhbE	Manual colour mixing for white value 0-255
	AMbE	Manual colour mixing for amber value 0-255
	uU	Manual colour mixing for UV value 0-255
tESt		Toggle unit self-test through all functions
FhrS		Display unit in use hours
tEMP		Unit internal temperature display

Auto

For auto mode, use the 4 button manual control button from the back panel. Choose Shnd from the main menu and then select AUto for auto colour jump, press enter when YES is displayed to confirm setting and press and hold menu to enter the auto colour jump mode. For auto colour scroll mode, select FAdE following option of SPO1 to SPO8 for speed setting, SPO1 being fastest to SPO8 being slowest. Press YES to confirm setting and press and hold menu button to enter colour scroll mode.
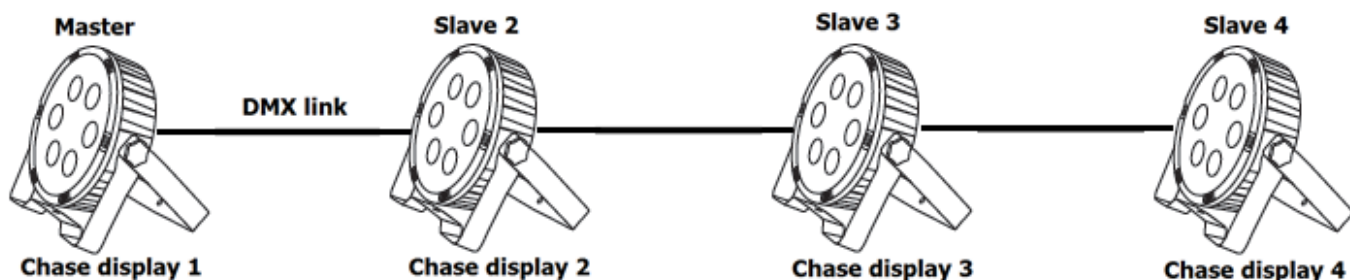
Sound-to-light

For sound-to-light mode, use the 4 button manual control button from the back panel. Choose Shnd from the main menu and then select SoUn select YES to confirm setting and press enter.
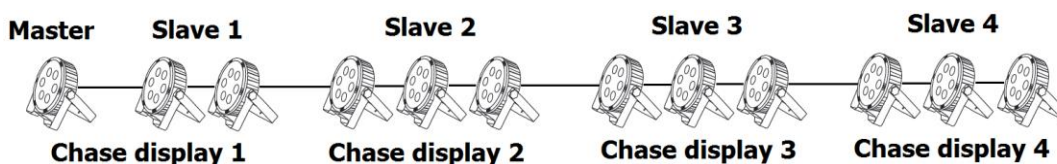
Master/slave:

More than one PAR Cans can be link together via DMX connection to perform mimic or synchronised light show to a single master unit. To set a unit as master, select SLnd from the main menu, choose MASt from the menu, press yes to confirm and press and hold menu to set the unit as master unit.

There are four different Slave modes available to set, they are to be set to address the location of the PAR Cans allowing slave units to perform sequential chase to the main unit. SL 1 will mimic exactly what the master is displaying, SL 2 is for the 2nd chase and SL 3 and SL 4 for the 3rd and 4th chase.

More units can be arrayed together to work as group such as below to perform the same light display or sequential chase. Each group will display the same output in sync with the master unit:

DMX mode

To control the PAR can via DMX, simply connect the DMX signal source to the DMX in of the unit via a balanced XLR lead. Extra fixtures can be controlled by the same DMX signal by looping through the DMX output. Ensure the correct DMX start address is set from the Addr option on the manual control. Two different channel modes (6 or 10) can be set from Chnd.

DMX Value Reference

6 channel mode

DMX Channel	DMX Value	Function
Channel 1	000-255	Red LED dimmer, 0-100%
Channel 2	000-255	Green LED dimmer, 0-100%
Channel 3	000-255	Blue LED dimmer, 0-100%
Channel 1	000-255	White LED dimmer, 0-100%
Channel 2	000-255	Amber LED dimmer, 0-100%
Channel 3	000-255	Ultra violet LED dimmer, 0-100%

10 channel mode

DMX Channel	DMX Value	Function
Channel 1	000-255	Red LED dimmer, 0-100%
Channel 2	000-255	Green LED dimmer, 0-100%
Channel 3	000-255	Blue LED dimmer, 0-100%
Channel 4	000-255	White LED dimmer, 0-100%
Channel 5	000-255	Amber LED dimmer, 0-100%
Channel 6	000-255	Ultra violet LED dimmer, 0-100%
Channel 7	000-255	Master dimmer 0-100%
Channel 8	000-007	N/A
	008-099	Strobe speed slow to fast
	100-149	Strobe speed fast to slow
	150-199	Slow fade in, fast off, speed slow to fast
	200-245	Fast on, slow fade off, speed slow to fast
	246-255	Strobe at highest speed
Channel 9	000-007	N/A
	008-255	Auto mode

Channel 10	000-007	N/A
	008-199	Speed setting for auto mode on channel 6, slow to fast
	200-255	Sound activation mode

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 LED display	Press any control panel button and check LED setting in menu
No light output	Check control panel mode settings (standby, slave, DMX)
	Check DMX settings from controller (dimmer levels, blackout etc.)
No strobe output	Check strobe settings on control panel or from DMX controller
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 that the unit is not too close to a heat source