

# Tri-PAR

## Rechargeable PAR Uplighter

Item ref: 154.047UK

User Manual

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



Compact yet surprisingly powerful, the QTX Tri-PAR is perfect for many events and scenarios. Three super bright 4W LEDs provide colourful mixes and washes for walls and ceilings and the internal, rechargeable battery means the unit is totally portable and can be placed in any location without requiring a power source. Simple to operate using the onboard control panel, supplied RF remote control or DMX if preferred, the Tri-PAR is packed with features and integrated light shows that are sure to illuminate any occasion.

### In the box:

Your Tri-PAR should arrive with you in a single carton in good condition. The carton should contain 1 x main unit, 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.**

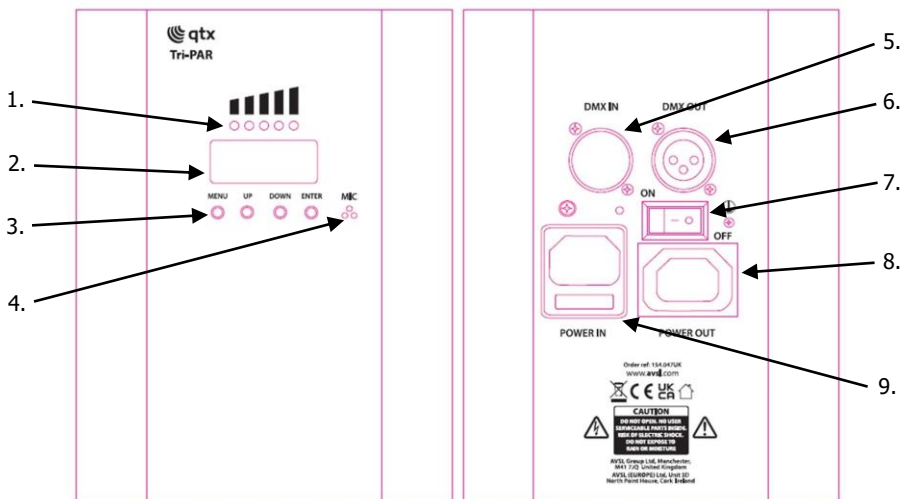


## Placement:

- 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.



## Front/rear panel controls:

- |                              |                            |
|------------------------------|----------------------------|
| 1. Battery status indicators | 6. DMX output              |
| 2. LED display               | 7. On/off switch           |
| 3. Manual control buttons    | 8. IEC power output        |
| 4. Microphone                | 9. IEC power input (fused) |
| 5. DMX input                 |                            |

## Charging the battery:

The QTX Tri-Par can be either mains or battery powered as it contains an internal rechargeable lithium battery. To charge the unit simply connect to mains power using the IEC lead supplied and keep the Power Switch (7) off. When charging, the battery status light will glow red and when completely charged it will turn green. It's recommended to fully charge the Tri-Par before first use and let the power run down each time before recharging to achieve optimum battery life of the unit.

## 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
Chnd	4Ch, 6Ch, 8Ch	DMX channel selection
FAIL	BLnd	DMX data is not maintained
	HOLd	DMX data retention
CL01	CL01-CL15	Static colour modes
	St00-St16	Strobe effect speed select (slow to fast)
Aut0	Aut0-Aut4	Auto colour change modes
	Sp01-Sp16	Auto modes speed select (slow to fast)
SoU1	SoU0-SoU3	Sound to light modes
nAnU	d000-d255	Manual mode master dimmer (0-100%)
	r000-r255	Manual mode red dimming (0-100%)
	G000-G255	Manual mode green dimming (0-100%)
	b000-b255	Manual mode blue dimming (0-100%)
	U000-U255	Manual mode white dimming (0-100%)
	S000-S255	Manual mode strobe speed (slow to fast)
test		Colour test mode
Led	on/off	Digital display on/off
IrcL	on/off	IR remote on/off
ver	2.0	Software version number

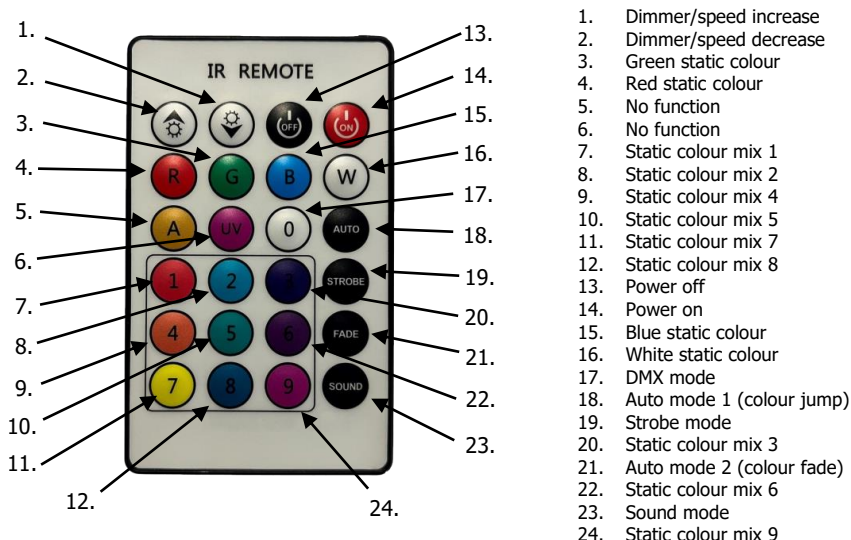
### Advanced parameter settings:

In A001 mode press and hold the Enter button for 3 seconds to enable/disable.  
Press Menu button at any time to return to normal mode.

Menu	Number range	Function and description
r	r.001-r.255	Red colour regulation (0-100%)
G	G.001-G.255	Green colour regulation (0-100%)
b	b.001-b.255	Blue colour regulation (0-100%)
U	U.001-U.255	White colour regulation (0-100%)
L	L.on	Colour regulation mode all bright
	L.OFF	Colour regulation mode monochrome
F	F.00.6	600Hz refresh rate
	F.01.2	1.2K refresh rate
	F.02.0	2K refresh rate
	F.04.0	4K refresh rate
	F.12.0	12K refresh rate
	F.24.0	24K refresh rate
t	t.000	Temperature display (Celsius)
n	n.OFF	Smart thermostat off
	n.040-n.095	Smart temperature control on (40° to 90° power reduction)
d	d.on	Dimming delay on
	d.OFF	Dimming delay off
C	C.0	Linear curve
	C.1	Square curve
	C.2	Logarithmic curve
	C.3	S-curve

## Remote control:

The Tri-PAR 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:



## DMX mode:

The Tri-PAR 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 4, 6 or 8 DMX channels as indicated in the table below:

Channel	4 Channel Mode	6 Channel Mode	8 Channel Mode
CH1	1-255 red dimmer	1-255 total dimmer	1-255 total dimmer
CH2	1-255 green dimmer	1-10 off, 11-255 strobe (slow to fast)	1-255 red dimmer
CH3	1-255 blue dimmer	1-255 red dimmer	1-255 green dimmer
CH4	1-255 white dimmer	1-255 green dimmer	1-255 blue dimmer
CH5		1-255 blue dimmer	1-255 white dimmer
CH6		1-255 white dimmer	1-10 off , 11-255 strobe (slow to fast)
CH7			1-10 off 11-50 color mix mode (use Ch8 for variations) 51-100 color jump mode 101-150 gradual change mode 151-200 mutation pattern 201-220 Color jump sound

			control 221-240 Color changing strobe sound control 241-255 mutation pattern voice control
CH8			1-255 speed (slow to fast)

### Specifications:

<b>Battery type</b>	5600mA internal rechargeable lithium ion
<b>Battery life</b>	Up to 6 hours
<b>LED quantity</b>	3 x 4W (RGBW)
<b>Power consumption</b>	20W
<b>Fuse rating</b>	F3A
<b>Beam angle</b>	25°
<b>DMX channels</b>	4, 6 or 8CH
<b>Modes</b>	DMX, Auto, Sound, Master/Slave
<b>Connections</b>	IEC Input, DMX input, DMX output
<b>Remote: battery</b>	CR2025 (supplied)
<b>Dimensions</b>	155 x 125 x 125mm
<b>Weight</b>	860g

### 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 blackout
	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



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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