HIPAR-180

RGBWA+UV Slim IP65 PAR Can

Item ref: 154.327UK

User Manual

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

High power slim LED PAR can fitted with 18pcs of 10W super bright 6-in-1 COB LEDs built into an IP65 weatherproof housing for outdoor or indoor applications. Can be operated standalone from the internal auto programs or via DMX512 controller is more precise control is required. Pre-wired with waterproof power and DMX signal leads for easy connection and daisy-chaining. Supplied with split bracket which can also be used as a floor stand. Ideal solution for parties and events where background colour wash or U/V illumination is required.

In the box:

Your HIPAR should arrive with you in a single carton in good condition. The carton should contain
1 x main unit, 1 x stand/mounting bracket and thumbscrews, UK mains plug to waterproof socket extension lead (1m), DMX XLR plug to waterproof socket lead (1m) 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.** ⚡
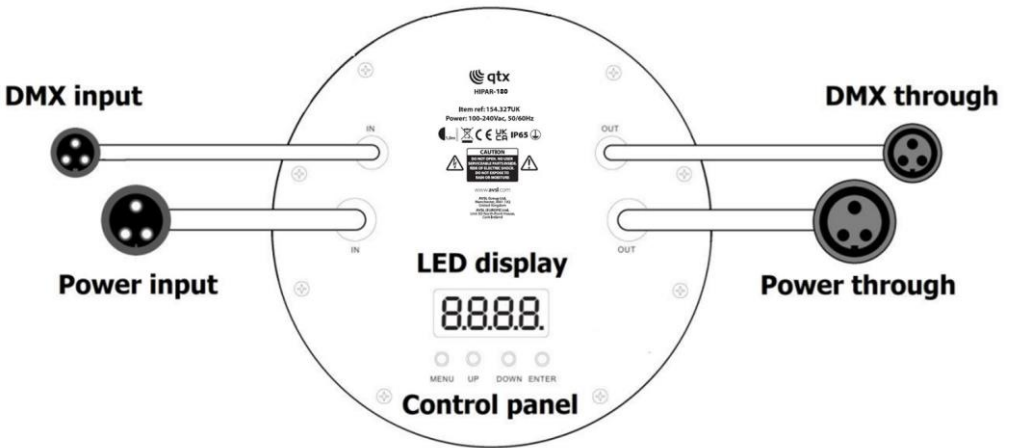
Placement:

- 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.

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.

Mode	Program	Description
D001	DMX address (1-512)	Set DMX-512 address,6 DMX channel mode
A001	DMX address (1-512)	Set DMX-512 address, 10 DMX channel mode
r255	Red (0-255)	Red dimmer
G255	Green (0-255)	Green dimmer
b255	Blue (0-255)	Blue dimmer
U255	White (0-255)	White dimmer
Y255	Amber (0-255)	Amber dimmer
P255	UV (0-255)	UV dimmer

FH99	Strobe (1-99)	Strobe speed
CL01	Colour change programs (01-08)	Press UP, DOWN to change the brightness
CC99	Colour jump change (01-99)	Press UP, DOWN to change the speed
DE99	Colour fade change (01-99)	Press UP, DOWN to change the speed
CP99	Colour pulse change (01-99)	Press UP, DOWN to change the speed
SU01	Sound mode colour change (01-09)	Press UP, DOWN to change the effect

DMX mode:

The HIPAR 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 Addr from the menu and confirm the correct start address by using the "**UP**" and "**DOWN**" buttons and "**ENTER**" to confirm.
This unit has 6 or 10 DMX channels as indicated in the table below:

6 Channel mode:

Channel	Value	Function and description
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	UV dimming (0-100%)
CH6	0-255	Amber dimming (0-100%)

10 Channel mode:

Channel	Value	Function and description
CH1	0-255	Master dimmer
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	UV dimming (0-100%)
CH7	0-255	Amber dimming (0-100%)
CH8	0-255	Strobe speed (slow to fast)
CH9	0-50	DMX 8 channel control
	51-100	Colour change
	101-150	Colour jump
	151-200	Colour fade

	201-250	Colour pulse
	251-255	Sound active
CH10	0-255	Speed (slow to fast)

Specifications:

Power	100 - 240Vac, 50/60Hz
Power consumption	140W
LED power	18x 10W RGBWA-UV
DMX channels	6 or 10CH
IP rating	IP65
Beam Angle	25°
Modes	Manual, Auto, sound-activated, master/slave, DMX512
Connections	Power in/out (IEC), DMX in/out (3pin XLR)
Dimensions	118 x 220 x 220mm
Weight	4.1kg

Troubleshooting:

No power (mains)	Check mains connections 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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