Tri-Bar

3 Segment RGB LED Wall Bar

Item ref: 151.593UK

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 QTX Tri-Bar with 18 high output RGB LEDs to provide colour washes and moving patterns against walls, ceilings or even floors. The 3 groups of 6 LEDs can be controlled by auto or sound activated modes from preset internal colour sequences. Alternatively, the bar can be operated remotely by DMX in either 3, 7 or 13 channel modes and connected to more units if a larger effect is needed.

In the box:

Your Tri-Bar should arrive with you in a single carton in good condition. The carton should contain 1 x main unit, 2 fixing stand/brackets with thumbscrews, 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 brackets to fix to a stand or lighting truss.
- Use secondary safety fixings if mounting overhead.
- Keep away from damp or dusty environments.
- Ensure adequate airflow around the fixture housings.
- Ensure adequate access to controls and connections.
- Do not aim LED or laser output directly into line of sight, as this can result in eye injury.

Cleaning:

- Use a soft cloth with a neutral detergent to clean the casing as required.
- Do not use strong solvents for cleaning the unit.

Side panel controls:

1	Internal microphone	5	DMX output
2	Control panel	6	IEC mains inlet & fuse holder
3	LED display	7	IEC mains outlet
4	DMX input		

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 confirm the desired setting.

Menu	Function	Description
d001	d001 - d512	DMX address settings
	CH3/CH7/CH13	DMX channel selection
Au	Au00 - Au16	Automatic modes
FL	FL00 - FL09	Automatic mode strobe – slow to fast
SP	SP00 - SP09	Automatic mode speed – slow to fast
So	So01 - So02	Sound activated modes
Sn	Sn01 - Sn09	Sound activated mode sensitivity adjustment – low to high

DMX mode:

The Tri-Bar 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 d001 from the menu and confirm the correct start address and channel selection by using the "**UP**" and "**DOWN**" buttons and "**ENTER**". The "d" on the LED display will begin to flash once it's received the DMX signal from the controller. This unit has 3, 7 or 13 DMX channels as indicated in the table below:

3 Channel mode:

Channel	Value	Function and description
1	0 - 255	Red dimmer (0-100%)
2	0 - 255	Green dimmer (0-100%)
3	0 - 255	Blue dimmer (0-100%)

7 Channel mode:

Channel	Value	Function and description
1	0 - 255	Master dimmer (0-100%)
2	0 - 255	Red dimmer (0-100%)
3	0 - 255	Green dimmer (0-100%)
4	0 - 255	Blue dimmer (0-100%)
5	0 - 255	Strobe (slow to fast)
6	0 - 009	Manual dimming
	10 - 249	Integrated effects
	250 - 255	Sound to light
7	0 - 255	Speed adjust (slow to fast)

13 Channel mode:

Channel	Value	Function and description
1	0 - 255	Segment 1 red dimmer (0-100%)
2	0 - 255	Segment 1 blue dimmer (0-100%)
3	0 - 255	Segment 1 green dimmer (0-100%)
4	0 - 255	Segment 2 red dimmer (0-100%)
5	0 - 255	Segment 2 blue dimmer (0-100%)
6	0 - 255	Segment 2 green dimmer (0-100%)
7	0 - 255	Segment 3 red dimmer (0-100%)
8	0 - 255	Segment 3 blue dimmer (0-100%)
9	0 - 255	Segment 3 green dimmer (0-100%)
10	0 - 255	No function
11	0 - 255	Strobe (slow to fast)
12	0 - 009	Manual dimming
	10 - 249	Integrated effects
	250 - 255	Sound to light
13	0 - 255	Blue dimmer (0-100%)

Specifications:

Power supply	110-240Vac, 50/60Hz (IEC)
Power consumption	60W
Fuse rating	F3A
LED type	18x 3W RGB 3-in-1 COB
Beam angle	45°
Modes	Static colour, colour change, colour fade, auto, sound active, DMX, master/slave
DMX channels	3, 7 or 13
Dimensions	1150 x 60 x 60mm
Weight	1.850kg

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 the A on the DMX address flashes to confirm it's receiving a 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

Errors and omissions excepted.