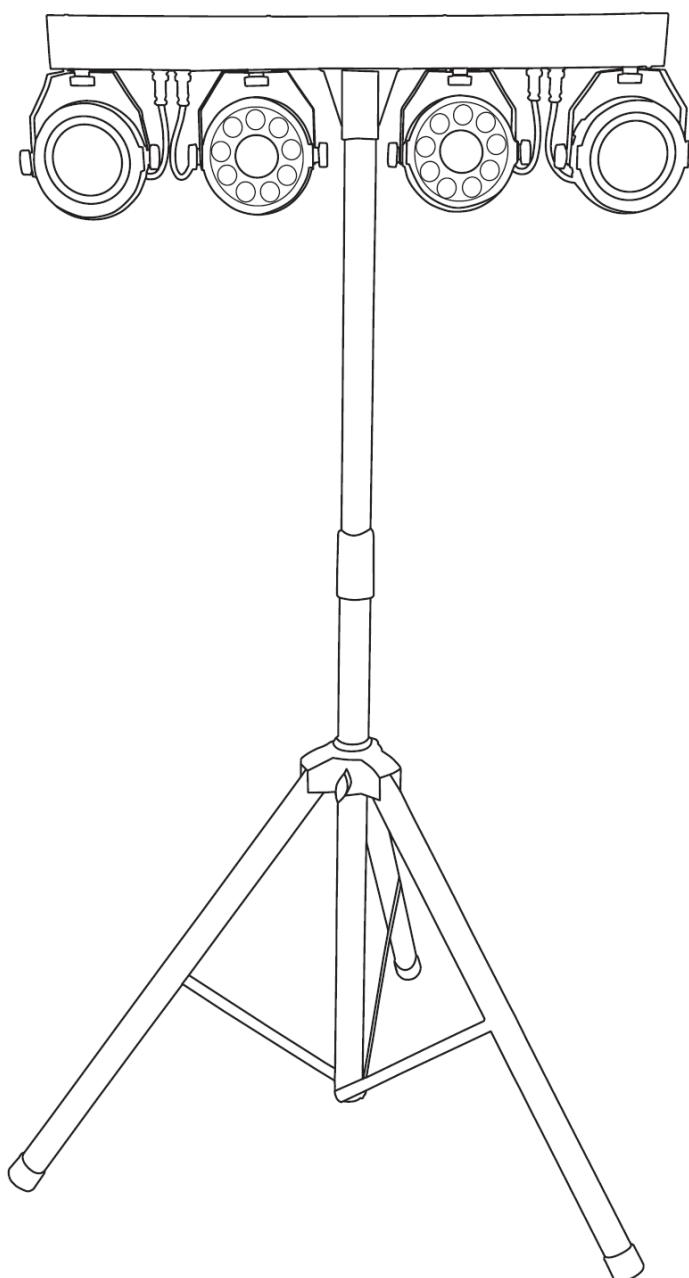


FXB-1

LED EFFECTS BAR

Item ref: 151.552UK

User Manual



Version 1.0



Caution: Please read this manual carefully before operating
Damage caused by misuse is not covered by the warranty

Thank you for choosing the FXB-1 as part of your light show. This effects bar is a complete DMX lighting effects solution which has been designed to be easy to set up as a small light show but with enough features to integrate into larger installations. Please read and keep the following instructions for future reference.

SAFETY SYMBOL AND MESSAGE CONVENTIONS



CAUTION
RISK OF ELECTRIC SHOCK
DO NOT OPEN

AVIS
RISQUE DE CHOC ELECTRIQUE NE
PAS OUVRIR



This symbol indicates that dangerous voltage constituting a risk of electric shock is present within this unit



This symbol indicates that there are important operating and maintenance instructions in the literature accompanying this unit.

Warning

To prevent the risk of fire or electric shock, do not expose any components to moisture. If liquids are spilled on the casing, stop using immediately, allow unit to dry out and have checked by qualified personnel before further use. Avoid impact, extreme pressure or heavy vibration to the case. No user serviceable parts inside – Do not open the case – refer all servicing to qualified service personnel.

Safety

Check for correct mains voltage and condition of IEC lead before connecting to a power outlet. Do not allow any foreign objects to enter the case or connectors.

Placement

- Keep away from damp or dusty environments
- Use the included tripod stand for installation onto a stable surface
- Ensure adequate air-flow around the fixture housings
- Ensure adequate access to controls and connections
- Avoid aiming directly towards eyes at close range

Cleaning

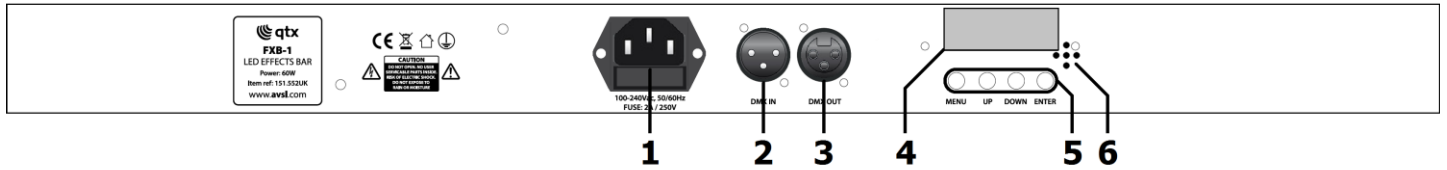
- Use a soft cloth with a neutral detergent to clean the casing as required
- Use a vacuum cleaner to clear ventilation grilles of any dust or debris build-ups
- Do not use strong solvents for cleaning the unit

In the box

Please open the package carefully and check that all contents are present and in good condition. Check with your retailer if any part is missing or broken.

- Effects bar with 2 x FirePAR (PAR with fireball) and 2 x Crystal lighting effects
- Foldable tripod stand
- IR remote control
- IEC mains lead(s)

Rear panel



- | | | | |
|---|-------------------------------|---|--------------|
| 1 | IEC mains inlet & fuse holder | 4 | LED display |
| 2 | DMX input XLR | 5 | MENU buttons |
| 3 | DMX output XLR | 6 | Microphone |

Internal Settings

Using the four function buttons on the rear panel of the bar, the FXB-1 can be set to various modes. Press the MENU button to display the different functions (see table below). Use the UP/DOWN arrow buttons to make your selection and press the ENTER button to confirm the selection.

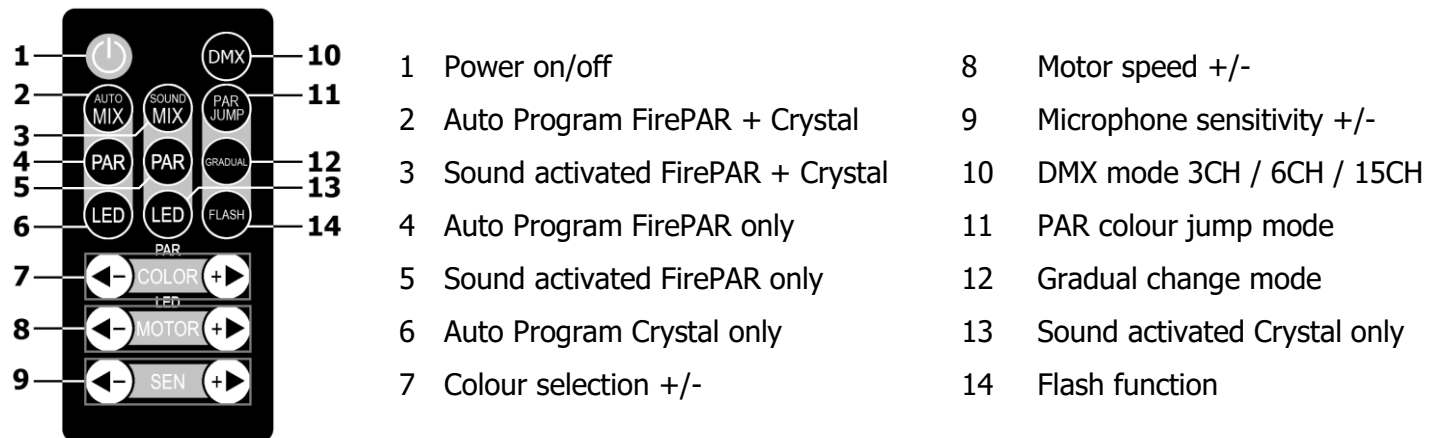
MENU	ENTER	UP/DOWN	Description	ENTER	Description	
AUE	AUEP	AP01 - AP13	Auto: FirePAR only	5_01 - 5_32	Speed	
	AUEF	AF01 - AF07	Auto: Crystal only	5_01 - 5_32	7_01 - 7_09	Speed+Motor
	AUEn	AN01 - AN10	Auto: FirePAR + Crystal	5_01 - 5_32	7_01 - 7_09	Speed+Motor
Sou	SouP	SP01 - SP13	Sound: FirePAR only			
	SouF	SF01 - SF07	Sound: Crystal only			
	SouN	SN01 - SN10	Sound: FirePAR + Crystal			
Col	Colo	r000 - r255	Red level 0-255			
		g000 - g255	Green level 0-255			
		b000 - b255	Blue level 0-255			
		w000 - w255	White level 0-255			
		5_01 - 5_32	Speed 0-32			
		7_01 - 7_09	Motor 0-9			
d7H	d***	d001 - d512	DMX start address	03CH / 06CH / 15CH	DMX channels	
SLA	SLAu		Slave mode			
SYS	ASEn	5n01 - 5n04	Audio (mic) sensitivity			

Standalone operation

The FXB-1 can be operated without external control by selecting one of the Auto or custom colour balance settings from the control panel menu. These are Shown in the Internal Settings section above.

Internal settings can also be selected via the included IR remote control as detailed below.

As supplied, the remote handset has a clear plastic tab inserted which should be removed to activate the CR2025 button cell. Point the handset toward the front of the FXB-1 unit at a range of no more than 5m for remote control.



Master/slave operation

An FXB-1 fixture operating in one of the standalone modes may be connected onto further FXB-1 units by DMX lead (XLR-XLR) as a master unit.

The slave units must be set to "SLAVE" mode to mimic the operation of the master unit.

When slave mode is selected, the FXB-1 will mimic any DMX input from another FXB-1 operating in standalone Auto or Static Colour mode.

DMX operation

In order to access the DMX functions, the DMX start address will need to be set on the control panel (or from the remote control as detailed above).

When the display shows "d001", this means that the FXB-1 is operated starting from DMX address 1. When the display shows "d203", this means that the FXB-1 is operated starting from DMX address 203.

The start address can be anywhere between 001 and 512

DMX channel assignments in the 3 different modes are shown on the following pages.

DMX: 3 channel mode

Channel	Value	Function	Remarks
CH1	000-009		No function
	010-049	<i>AP**</i>	Auto FirePAR only
	050-089	<i>AF**</i>	Auto Crystal only
	090-129	<i>AU**</i>	Auto FirePAR + Crystal
	130-169	<i>SP**</i>	Sound FirePAR only
	170-209	<i>SF**</i>	Sound Crystal only
	210-255	<i>SU**</i>	Sound FirePAR + Crystal
CH2	000-019	<i>AP01 / SP01</i>	When CH1 is 010-049 or 130-169
	020-039	<i>AP02 / SP02</i>	
	040-059	<i>AP03 / SP03</i>	
	060-079	<i>AP04 / SP04</i>	
	080-099	<i>AP05 / SP05</i>	
	100-119	<i>AP06 / SP06</i>	
	120-139	<i>AP07 / SP07</i>	
	140-159	<i>AP08 / SP08</i>	
	160-179	<i>AP09 / SP09</i>	
	180-199	<i>AP10 / SP10</i>	
	200-219	<i>AP11 / SP11</i>	
	220-239	<i>AP12 / SP12</i>	
	240-255	<i>AP13 / SP13</i>	
	000-019	<i>AF01 / SF01</i>	When CH1 is 050-089 or 170-209
	020-039	<i>AF02 / SF02</i>	
	040-059	<i>AF03 / SF03</i>	
	060-079	<i>AF04 / SF04</i>	
	080-099	<i>AF05 / SF05</i>	
	100-119	<i>AF06 / SF06</i>	
	120-255	<i>AF07 / SF07</i>	
	000-019	<i>AN01 / SN01</i>	When CH1 is 090-129 or 210-255
	020-039	<i>AN02 / SN02</i>	
	040-059	<i>AN03 / SN03</i>	
	060-079	<i>AN04 / SN04</i>	
080-099	<i>AN05 / SN05</i>		
100-119	<i>AN06 / SN06</i>		
120-139	<i>AN07 / SN07</i>		
140-159	<i>AN08 / SN08</i>		
160-179	<i>AN09 / SN09</i>		
180-255	<i>AN10 / SN10</i>		
CH3	000-255		Speed adjustment

DMX: 6 channel mode

Channel	Value	Remarks
CH1	000-255	Red 0-100%
CH2	000-255	Green 0-100%
CH3	000-255	Blue 0-100%
CH4	000-255	White 0-100%
CH5	000-255	Strobe (slow-fast)
CH6	000-255	Motor speed (slow-fast)

DMX: 15 channel mode

Channel	Value	Function	
CH1	000-255	Red 0-100%	Crystal 1
CH2	000-255	Green 0-100%	
CH3	000-255	Blue 0-100%	
CH4	000-255	White 0-100%	
CH5	000-255	Motor speed (slow-fast)	
CH6	000-255	Red 0-100%	FirePARs 1 & 2
CH7	000-255	Green 0-100%	
CH8	000-255	Blue 0-100%	
CH9	000-255	White 0-100%	
CH10	000-255	Red 0-100%	Crystal 2
CH11	000-255	Green 0-100%	
CH12	000-255	Blue 0-100%	
CH13	000-255	White 0-100%	
CH14	000-255	Motor speed (slow-fast)	
CH15	000-255	Strobe	

Specifications

Power supply	220-240Vac, 50/60Hz (IEC)
Fuse rating	2A
Power consumption	60W
DMX connection	XLRM in, XLRF out
Effects	2 x Fireball PAR + 2 x Crystal
Height adjustment	0.9m to 1.8m
Dimensions: stand	890 x 130 x 130mm (collapsed)
Weight: stand	2.36kg
Dimensions: effects bar	720 x 190 x 180mm
Weight: effects bar	3.00kg
LED safety standard	BSEN62471:2008



Disposal: The "Crossed Wheelie Bin" symbol on the product means that the 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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