

# Multi-Bar

Item ref: 151.545UK

## LED Multi-Effects Bar with Tripod

User Manual

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



Complete portable lighting solution comprising 2 PAR cans, Ball effect, laser and UV/Strobe units all powered from a main T-bar. Easily controlled via DMX, infra-red remote control or internal auto and sound-activated programs selectable from the rear control panel. Each lighting fixture is angle-adjustable to distribute colour washes and effects around the room. Supplied with 2.3m telescopic tripod stand and carry bags making it ideal for transporting to parties and events.

### In the box:

Your Multi-Bar should arrive with you in a single carton in good condition. The carton should contain 1 x T-bar with 2 RGBW PAR cans, RGBW Ball, R/G laser and UV/Strobe units attached, 1 x 2.3m Tripod Stand, 1 x Remote Control, 1 x UK 3m IEC mains lead, 1 x T-Bar Carry Bag, 1 x Tripod Stand Carry Bag and 1 x user 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.**



## Caution: Laser radiation

Avoid pointing directly towards eyes. Laser output can cause injury if viewed directly. This product is a Class 3B laser and should only be installed and used by persons who are trained in the management of laser radiation and are able to operate in accordance within the guidance given by the Health and Safety Executive (HSE) in HS(G)95: "The Radiation Safety of Lasers used for Display purposes". Copies of this guide can be downloaded from: [www.avsl.com/assets/documents/hsg95.pdf](http://www.avsl.com/assets/documents/hsg95.pdf)



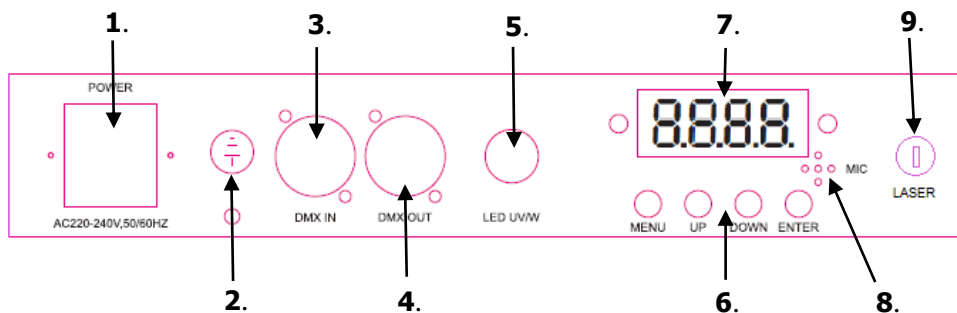
## Placement:

- Open the included tripod stand legs onto the floor ensuring the thumbscrews are tightened and it's set down on a flat stable surface away from walkways or where it can be easily knocked over.
- Attach the T-Bar to the top of the stand and tighten the thumbscrew ensuring its secure.
- Keep the unit away from damp or dusty environments.
- Ensure adequate air-flow 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.
- Use a vacuum cleaner to clear ventilation grilles of any dust or debris build-ups.
- Do not use strong solvents for cleaning the unit.

## Rear panel and controls:



- |   |                         |
|---|-------------------------|
| <b>1. IEC input (110-240 Vac, 50/60 Hz)</b> | <b>6. Control panel</b> |
| <b>2. Earth screw (do not remove)</b>       | <b>7. LED display</b>   |
| <b>3. DMX input</b>                         | <b>8. Microphone</b>    |
| <b>4. DMX output</b>                        | <b>9. Laser key</b>     |
| <b>5. UV/Strobe bar input</b>               |                         |

## 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.

Display	Mode
d001 - d512	DMX address settings
CHnd	DMX channel select 3CH-12CH
At01-At09	Auto mode program select
S_01-S_32	Auto mode speed select (slow to fast)
So01-S003	Sound active mode select
Sn01-Sn09	Sound active mode sensitivity adjust
Slav	Slave mode

## DMX mode:

The Multi-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 A001 from the menu and confirm the correct start address by using the **"UP"** and **"DOWN"** buttons and **"ENTER"**. The A on the LED display will begin to flash once it's received the DMX signal from the controller. This unit has 3 or 12 DMX channels as indicated in the tables below:

### 3 Channel:

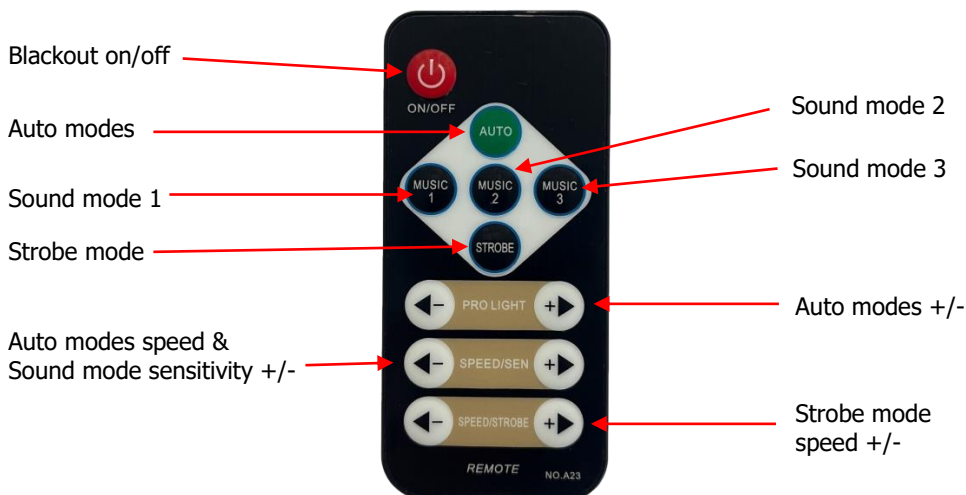
CH	DMX Value	Function	Description
1	0-009	Blackout	
	010-039	Auto mode 1	All fixtures
	040-069	Auto mode 2	PAR lights (colour jump change)
	070-099	Auto mode 3	PAR, LED Ball & Laser
	100-129	Auto mode 4	PAR, LED Ball, Laser & Strobe
	130-159	Auto mode 5	PAR, LED Ball, Laser & UV
	160-189	Auto mode 6	PAR, LED Ball, Strobe & UV
	190-219	Auto mode 7	PAR, Laser, Strobe & UV
	220-249	Auto mode 8	LED ball, Laser, Strobe & UV
250-255	Auto mode 9	UV	
2	0-009	Blackout	
	010-089	Sound mode 1	All fixtures
	090-169	Sound mode 2	PAR, LED Ball, Laser & Strobe
	170-255	Sound mode 3	LED ball, Laser, Strobe & UV
3	0-255	Speed/Sensitivity	

### 12 Channel:

CH	DMX Value	Function	Description
1	0-255	Red	LED Ball (no1)
2	0-255	Green	
3	0-255	Blue	
4	0-255	White	
5	0-255	Motor	
6	0-255	Red	PAR light (no2)

7	0-255	Green	
8	0-255	Blue	
9	0-255	White	
10	0-063	Laser off	
	064-127	Laser red	Simultaneous motor
	128-197	Laser green	Simultaneous motor
	198-255	Laser red-green	Simultaneous motor
11	0-255	UV	UV on
12	0-009	White	White-off
	010-255		White-strobe (slow to fast)

### Remote control:



### Specifications:

<b>Power supply</b>	110-240Vac, 50/60Hz (IEC)
<b>Power consumption</b>	60W
<b>Fuse rating</b>	F3A
<b>Effects</b>	2x RGBW LED PAR, 1x RGBW LED Ball, 1x RG Laser, 1x LED UV Strobe
<b>Modes</b>	Auto, sound, master/slave, DMX512
<b>DMX channels</b>	3 or 12CH
<b>Dimensions: stand</b>	900 x 130 x 130mm (collapsed)
<b>Height adjustment</b>	1.8 to 2.3m
<b>Weight: stand</b>	1.3kg
<b>Dimensions: effects bar</b>	740 x 270 x 160mm
<b>Weight: effects bar</b>	4kg

## 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 DIN connections for each fixture
No laser output	Check laser key isn't turned off
Unresponsive to DMX	Check that unit is in DMX mode and ensure the "d" 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
Overheating/ cutting out	Check DMX connection and leads
	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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