

## LED DUOBEAM

Dual Moonflower Effect

Item ref: 151.602UK

User Manual

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## Introduction

Thank you for choosing the QTX LED DUOBEAM quad colour dual LED barrel light as part of your effect lighting rig. Please read these instructions in full to gain the best results from this item and avoid damage through misuse.

## Unpacking

Your LED DUOBEAM should reach you in good condition and be supplied with appropriate mains lead(s) and mounting bracket. If there are any signs of damage or items missing from the packaging, contact your dealer immediately.

## Warning

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

## Safety

- Check for correct voltage and condition of IEC lead before connecting to power outlet
- Ensure DMX leads are good condition with no short connections or damaged plugs

## Placement

- Mount the unit to a lighting stand or ceiling using the adjustable bracket included
- If the unit is mounted at height, a drop cable should be attached for safety
- If free-standing, ensure that the unit is sited on a stable, non-slip surface.
- Ensure adequate access to controls and connections

## Cleaning

- Use a soft dry or slightly damp to clean the cabinet. Do not use strong solvents for cleaning the unit

## Setting up

Install the LED DUOBEAM so that the front panel is facing the area to be lighted.

Experiment with positioning to get the best coverage from the mirrored beams.

For DMX or master/slave control, link control signals with XLR leads from DMX out to DMX in connectors.

Connect mains using an appropriate IEC lead to the mains inlet.

## Operation

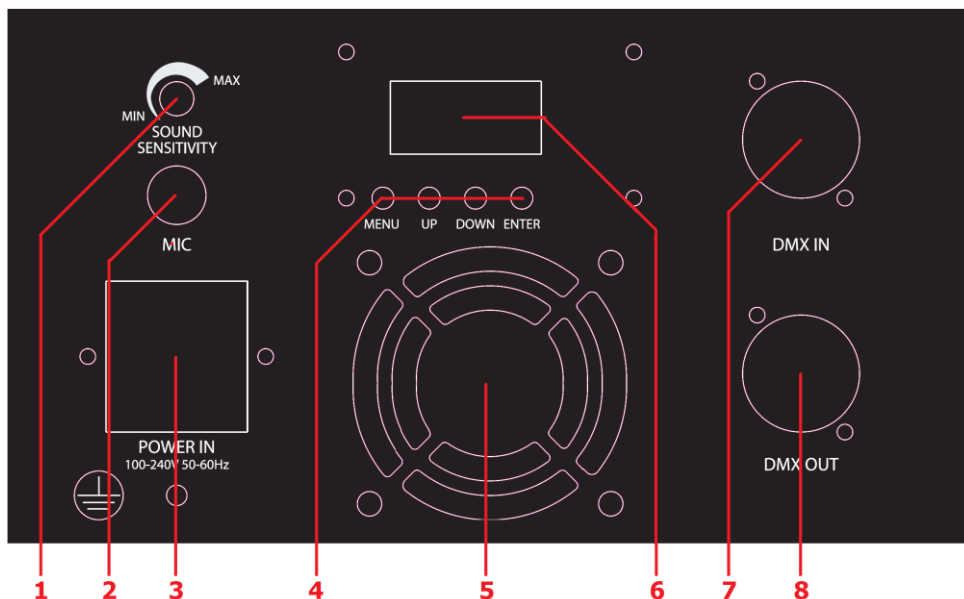
The LED DUOBEAM can be operated in either DMX or standalone auto and sound activated modes.

For auto or sound-activated modes, you can select 1 unit to be master with XLR connection to a slave.

Select the mode to be used via the 4 button panel with digital display as shown below.

Display	Mode	Function
<b>Addr</b>	DMX512	Address setting A001 – A512
<b>SLAv</b>	Slave mode	Receives control via XLR from another LED DUOBEAM
<b>Auto</b>	Auto programme mode	Auto run sequence to internal programme
<b>Sound</b>	<b>Sou 1</b> : sound activated mode 1	Sound-to-light with auto run when no sound present
	<b>Sou 2</b> : sound activated mode 2	Sound-to-light with LEDs off when no sound present

## Rear Panel



- |                                   |                     |
|-----------------------------------|---------------------|
| 1. Microphone sensitivity control | 5. Cooling fan vent |
| 2. Sound activation microphone    | 6. Digital display  |
| 3. IEC mains inlet & fuse holder  | 7. DMX input XLR    |
| 4. Mode/programming buttons       | 8. DMX output XLR   |

DMX Channel	Mode	Value	Function
Channel 1	Mode setting	000-050	Blackout
		051-100	Auto mode
		101-150	Sound activated - auto when no sound present
		151-200	Sound activated - blackout when no sound present
		200-255	DMX512
Channel 2	Y-axis (barrel)	000	Y-axis rotate clockwise
		001-254	Y-axis position setting
		255	Y-axis rotate anticlockwise
Channel 3	Y-axis speed	000-255	Y-axis speed adjustment - 000=fast, 255=slow
Channel 4	X-axis (yoke)	000-255	X-axis position setting 0-180°
Channel 5	X-axis speed	000-255	X-axis speed adjustment - 000=fast, 255=slow
Channel 6	Left head: W	000-255	Left head white output
Channel 7	Left head: B	000-255	Left head blue output
Channel 8	Left head: G	000-255	Left head green output
Channel 9	Left head: R	000-255	Left head red output
Channel 10	Right head: W	000-255	Right head white output
Channel 11	Right head: B	000-255	Right head blue output
Channel 12	Right head: G	000-255	Right head green output
Channel 13	Right head: R	000-255	Right head red output

## Specifications

Power supply	100-240Vac 50/60Hz (IEC)
Power consumption	30W
Operating modes	Auto, Sound activated, Master/Slave, DMX
DMX operation	DMX512: 13-channel
LED sources	2 x RGBW 10W CREE LED
Connection	DMX in/out (XLR), Mains inlet (IEC)
Dimensions	325 x 159 x 165mm (inc. bracket)
Weight	3.17kg

## Troubleshooting

No power	Check mains voltage is correct and outlet is switched on
	Check IEC lead and mains fuse (if fuse continually blows, refer to your dealer)
No light output	Check rear panel mode settings (SOU2 with no sound, slave mode, DMX etc.)
	Check DMX settings from controller (RGBW outputs for each head)
No sound activation	Check that sound activated mode is selected and not set to slave
	Check rotary control for microphone sound sensitivity is not fully down (left)
	Disconnect any DMX input if sound activated mode is to be used
Unresponsive to DMX	Check DMX connection and leads
	Check that DMX mode is enabled
	Check the DMX start address is set correctly
No barrel movement	Check DMX X-axis and Y-axis settings
	Check that barrel is not stuck or blocked by foreign object
Overheating/cutting out	Ensure that the unit is not too close to a heat source
	Ensure that the cooling vent on the rear panel is clear and not covered