

## LED DUOFLOWER

Dual Moonflower Effect

Item ref: 151.604UK

User Manual

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## Introduction

Thank you for choosing the QTX LED DUOFLOWER quad colour dual LED flower 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 DUOFLOWER 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

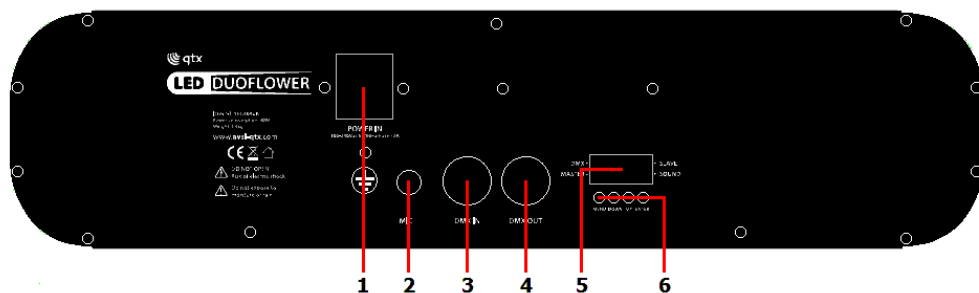
## Placement

- 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 as required.
- Do not use strong solvents for cleaning the unit

## Rear Panel



- |                                  |                             |
|----------------------------------|-----------------------------|
| 1. IEC mains inlet & fuse holder | 4. DMX output XLR connector |
| 2. Sound activation microphone   | 5. Digital display          |
| 3. DMX input XLR connector       | 6. Programming buttons      |

## Setting up

Install the LED DUOFLOWER so that the front panel is facing the area to be lighted. Experiment with positioning to get the best coverage from the dual mirror apertures. The LED DUOFLOWER can be operated in either DMX or sound activated mode. For sound-activated mode, select 1 unit to be master and connect DMX leads onto slave units. For DMX control, connect the DMX control signal via XLR leads to DMX in and out at the rear. Connect mains using an appropriate IEC lead to the mains inlet.

## Operation

All settings are accessed via the 4-button control panel with digital display on the rear panel.

Display	Mode	Setting
<b>Addr</b>	DMX start address setting	A001 – A512 (for modes, see DMX tables below)
<b>Chnd</b>	DMX mode setting	<b>1ch, 8ch</b> (1-channel, 8-channel)
<b>SLnd</b>	Slave mode	<b>MASt, SL 1, SL 2</b> (Master, Slave 1, Slave 2)
<b>Soun</b>	Sound mode	<b>on/off</b> (sound activation on/off)
<b>SEnS</b>	Sound sensitivity	<b>0 - 100</b> Sensitivity 0 – 100%
<b>LEd</b>	LED display mode	<b>on/off</b> (display always on / display off after 10sec)
<b>di SP</b>	Invert display	<b>di SP/dSI P</b> (non-inverted/inverted)
<b>TEST</b>	Test mode	Self test
<b>hour</b>	Usage time	<b>0 - 9999</b> (fixture hours 0 – 9999)
<b>VER5</b>	Version	<b>----</b> Software version

## Specifications

Power supply	100-240Vac 50/60Hz (IEC)
Power consumption	30W
Operating modes	DMX, Master/Slave, Sound activated
DMX operation	DMX512: 1-channel mode, 8-channel mode
LED sources	2 x RGBW 10W CREE LED
Connection	DMX in/out (XLR), Mains inlet (IEC)
Dimensions	485 x 190 x 120mm (inc. bracket)
Weight	2.99kg

## 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 (Sound mode, dimmer 0%, slave mode etc.)
	Check DMX settings from controller (Blackout, dimmer 0%, strobe 0% etc.)
No sound activation	Check that sound activated mode is enabled and the unit is not set to slave
	Check setting for microphone sensitivity is not 0%
	Disconnect any DMX input if sound activated mode is to be used
Unresponsive to DMX	Check DMX connection and leads
	Check the DMX start address is set correctly
	Ensure that Test mode is not active
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

DMX 1-Channel	Mode	Value	Function
Channel 1	Internal programmes	000-007	Blackout
		008-037	Show 1
		038-067	Show 2
		068-097	Show 3
		098-127	Show 4
		128-157	Show 5
		158-187	Show 6
		188-217	Show 7
		218-247	Show 8
		248-255	Sound activated

DMX 8-Channel	Mode	Value	Function
Channel 1 Channel 5	Head 1: Colour Head 2: Colour	000-007	Blackout
		008-024	Red
		025-041	Green
		042-057	Blue
		058-074	White
		075-090	Red + Green
		091-107	Red + Blue
		108-123	Red + White
		124-140	Green + Blue
		141-156	Green + White
		157-173	Blue + White
		174-189	Red + Green + Blue
		190-206	Red + Green + White
		207-222	Red + Blue + White
223-239	Green + Blue + White		
240-255	Red + Green + Blue + White		
Channel 2 Channel 6	Head 1: Dimmer Head 2: Dimmer	000-255	Dimmer 0 – 100%
Channel 3 Channel 7	Head 1: Strobe Head 2: Strobe	000-007	No function
		008-255	Strobe: Slow to Fast
Channel 4 Channel 8	Head 1: Mirror Rotation Head 2: Mirror Rotation	000-009	Stopped
		010-120	Rotation: Fast to Slow
		121-134	Stopped
		135-245	Rotation: Slow to Fast
		246-255	Stopped
		010-120	Rotation: Fast to Slow
		121-134	Stopped
		135-245	Rotation: Slow to Fast
		246-255	Stopped