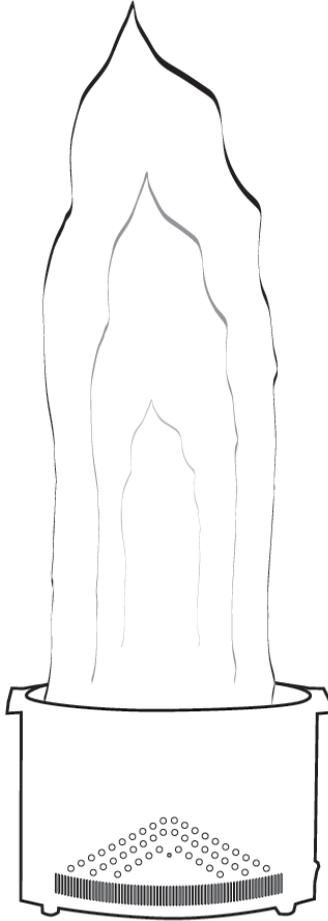


**QTFX-F1, QTFX-F2**  
FLAME EFFECT

Item ref: 160.470UK, 160.471UK

User Manual

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Version 2.1

## Introduction

Really heat up your party with this mesmerising flame effect.

Reaching up to a height of 1.5m, the silk flame flutters in the air whilst lit up with a combination of 10mmØ LEDs, giving the appearance of a hot flame.

Offering low maintenance and quick set up, it is perfect for event and hire companies or as a permanent fixture on stage.

- Reaches up to a height of 1.5m
- Red and blue 10mmØ LED (QTFX-F1)
- RGB Colour mixing (QTFX-F2)
- High speed fans
- Replacement silk flames available (Ref: 160.472UK)

## Caution

- Always plug in the power plug last and disconnect from the mains when the device is not in use or before cleaning
- Do not install the device in extreme heat, moisture or dusty environments
- Ensure that the unit has reached room temperature before switching on power
- Avoid heavy vibration or impact to the housing
- Do not use solvents or aggressive detergent to clean the device
- Do not modify the device or the supplied mains lead
- This product must be earthed. Please follow the wiring shown below...

Brown	Live	L
Blue	Neutral	N
Yellow /Cyan	Earth /	Ground

## Replacing the fuse

Disconnect from the main power supply first, then remove the fuse holder above the IEC Socket to reveal the fuse. Replace the correct fuse rating as stated on lighting or user guide. Then, lock the fuse holder cover back into place.

## General maintenance

To maintain optimum performance and minimize wear, the item should be cleaned frequently to avoid dust build-up and blockages, which can result in poor performance or damage

Be sure to power off fixture before any maintenance

Unplug fixture from power. Use a vacuum or air compressor and a soft brush to remove dust collected on external vents and internal components

Clean the external case when the fixture is cold with a dry cloth or tissue

## Package Contents

Please check to ensure that the product has been received in good condition.

- QTFX Flame Effect
- User Manual
- Power Cord

If you find any accessory is missing or the machine has arrived with any problems, please contact your dealer at once.

Do not try to fix this item yourself or you will lose the warranty.

Please keep the original packaging and invoice for any possible replacement or returned demand.

## Setup

1. Unpack the Flame machine and position in a secure location where it will not be tampered with
2. Unwrap the silk flame and place into the slot between the LEDs
3. Plug in the supplied IEC power lead
4. Turn the power switch on and the LEDs will light up, fans will start to blow and the silk flame will start to rise.

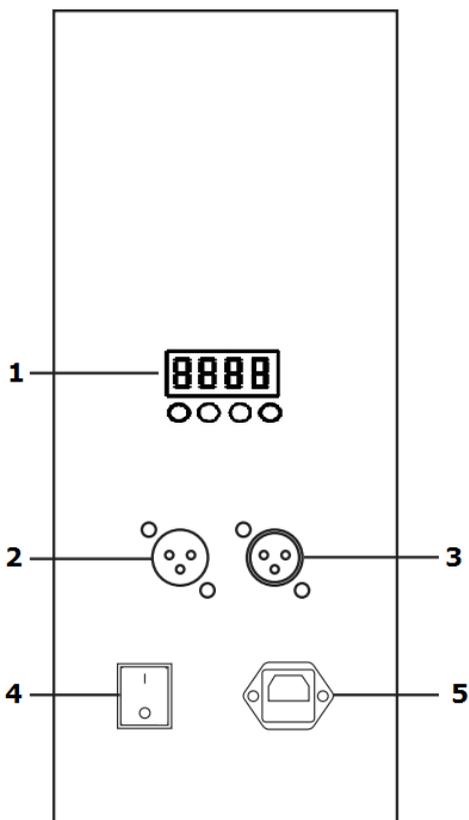
## Installation Advice

The fixture may be placed anywhere on a stage or in a display provided that there is no obstruction in front of the machine, fan or vents

Never install in places where the fixture will be exposed to rain, high humidity, extreme temperature changes or restricted ventilation

Avoid positioning the unit where it may be tampered with or damaged

## Panel Layout



1. LED display and control panel (QTFX-F2 only)
2. DMX input XLRM (QTFX-F2 only)
3. DMX output XLRF (QTFX-F2 only)
4. Power on/off
5. IEC mains inlet and fuse

## Operation

For QTFX-F1, operation is simply via the power on/off switch to power up the high speed fans and flame coloured LEDs.

For QTFX-F2, the LEDs are multi-coloured for more dynamic and unusual effects. The colour and brightness of these LEDs are controllable either stand-alone or via DMX512 with additional access to internal programmes for sequenced colour effects.

Stand alone operation is programmable via the LED display and 4-button control panel.

### Stand-alone operation for QTFX-F2

LED Display	Action
A001 - A512	Set DMX Address
AUt1 - AUt7	Auto programs
SPEd	Speed adjustment
SUNd	Sound activated mode
ShUt	Shutter/strobe effect
rEd	Static colour red level
grn	Static colour green level
bLu	Static colour blue level

Remote DMX signal can be connected via the XLR connector on the side panel. There is also a DMX output for cascading the DMX signal onto further units to be controlled.

### DMX operation for QTFX-F2

Channel	Action
1	Red colour level 0 – 100%
2	Green colour level 0 – 100%
3	Blue colour level 0 – 100%
4	Master dimmer 0 – 100%
5	Strobe – slow to fast
6	Internal programme select
7	Speed of internal programme

## Specifications

	QTFX-F1	QTFX-F2
<b>Power Supply</b>	230Vac, 50Hz	
<b>Fuse</b>	F5A	
<b>Power consumption</b>	60W	
<b>LED Quantity</b>	32 red + 4 blue	12 red + 12 green + 12 blue
<b>LED type</b>	10mm high output	
<b>DMX Channels</b>	N/A	7
<b>Max Flame Height</b>	1.5m	
<b>Dimensions</b>	530 x 230 x 360mm	
<b>Weight</b>	12kg	

## Troubleshooting

Power on/off switch will not light	Check mains lead and fuse
	Check internal mains fuse
	Check power outlet
Power switch lit but no fans	Check that fans are not blocked or damaged
Power switch lit but no flame light	Check that LEDs are not obscured or covered
	Check R/G/B not dimmed in stand-alone mode
	Check Master not dimmed in stand-alone mode
	Check that DMX mode is not selected by mistake
	Check that correct DMX channel is selected
	Check DMX signal connection
	Check that DMX control is not dimmed or blackout

## Disposal



Please dispose of the unserviceable device according to the current statutory requirements