

# QTFX-400

## Compact Fog Machine

Item ref: 160.461UK

User Manual



## Introduction

Thank you for choosing the QTFX-400 compact fog machine as part of your stage effects system. This product is designed to offer professional quality performance in a neat and manageable format.

Please read these instructions in full to gain the best results from this item and avoid damage to the unit through misuse.

## Unpacking

Your QTFX-400 should reach you in good condition and should be supplied with IEC mains lead(s), mounting bracket and a wired handheld remote control.

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 electrical parts to rain or moisture. If liquids are spilled on the housing or through the vents, disconnect the mains, allow the QTFX-400 to dry out and have it checked by qualified personnel before further use.

Avoid any impact, dropping or extreme pressure to the housing.

No user serviceable parts inside - do not open the case.

Allow the QTFX-400 to acclimatize to room temperature before operating.

Refer all servicing to qualified service personnel.

## Placement

The QTFX-400 has a built-in fluid tank and should be operated in an upright position.

If free-standing, ensure that the QTFX-400 is positioned on a stable, non-slip surface.

If mounted at height, use the integral bracket and it is advisable to add a safety cable.

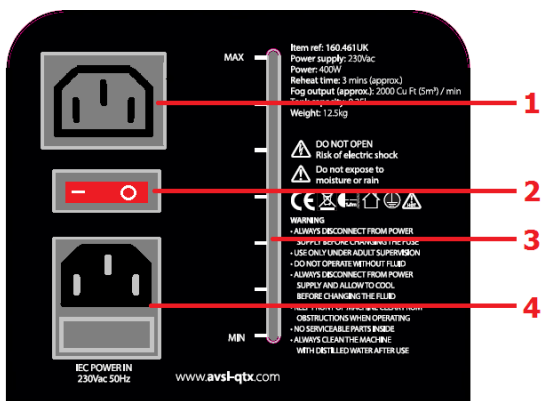
## Safety

- Check for correct voltage and condition of IEC lead before connecting to power outlet
- Check the condition of the remote lead and ensure that it is not trapped
- This unit must be earthed
- This unit uses a heating element - do not touch the nozzle area whilst in use!

## Cleaning

- Use a soft dry or slightly damp to clean the casing
- Do not use strong solvents for cleaning the unit
- It is recommended to use fog machine cleaning fluid (160.670UK) periodically

## Rear Panel



1	Remote control connection (IEC female)
2	Mains power on/off rocker switch
3	Fog fluid fill level indication
4	Mains inlet (IEC male) and fuse holder

## Setting up

The QTFX-400 requires fog fluid to produce the effect.

It is recommended to use one of the range of qtx fog fluids for best results.

A chart for recommended fog fluids is included further along in this document

- Unscrew the top cap of the tank and remove to fill with the selected fog fluid
- Replace the cap and close securely, ensuring the pipe is fed down to the bottom of the bottle so a consistent flow of fluid is supplied to the machine
- Connect the supplied remote control to the female IEC on the rear panel
- Connect the IEC mains plug

## Operation

- Check the fog fluid level indicator at the rear and fill if necessary
- Switch the mains power on
- Heat up time is usually between 3-4 minutes. Please ensure that the remote button is not pressed during the heat up time.
- When the machine is ready to operate, the light on the remote control will illuminate. You may now press the button for fog on demand
- When the remote control light is off, the QTFX-400 needs time to re-heat. Do not attempt to produce fog until the light is lit.
- During prolonged use, periodically check that the fluid level is not empty
- Switch off when not in use. Unplug from mains if not in use for long periods

## Specifications

Power supply	240Vac, 50Hz
Power consumption	400W
Tank capacity	0.25l
Fog output (approx.)	2000 Cu Ft (57m <sup>3</sup> ) / min (approx)
Reheat time	3 - 4 minutes
Remote control	Momentary switch, IEC connection
Dimensions	120 x 150 x 240mm
Weight	1.5kg

## Troubleshooting

**Warning: Hot components! ... Switch off and allow to cool before touching the unit.**

No light on mains switch	Check mains voltage is correct and socket is switched on
	Check IEC lead is OK and connected properly
	Check mains fuse and fuse in plug top
	If fuse blowing repeatedly, refer to qualified service personnel
Remote light stay s off	Check remote is connected properly
	If light is permanently off, refer to qualified service personnel
Remote light is on but no fog output	Check fog fluid level
	If fluid is OK and pump working, the lines may be blocked
	Check that nozzle is not blocked or obstructed
	If blocked, clean with fog machine cleaner & distilled water

## Disposal



Please disposal of the unserviceable device according to the current statutory requirements.

*Errors and omissions excepted.  
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# Effects Fluid Chart

Bubble Fluid		Results		For use with					
Stock Code	Volume	Description	Results		For use with				
160.574UK	1 Litre	Bubble fluid	Light, long-lasting bubbles		160.462UK, 160.560UK 160.562UK, 160.563UK 160.564UK				
160.575UK	5 Litre								
160.576UK	1 Litre	UV bubble fluid	Light bubbles which glow in UV light						
160.577UK	5 Litre								
Snow Fluid		Results		For use with					
Stock Code	Volume	Description	Results		For use with				
160.578UK	1 Litre	Snow fluid	High quality snow fluid. Lasts 30% longer than other standard fluids		160.565UK, 160.569UK				
160.579UK	5 Litre								
Fog Fluid		Results		For use with					
Stock Code	Volume	Description	Colour	Dispersion	Density	Stability	Fog colour	For use with	
160.643UK	1 Litre	Standard fog fluid	Yellow	Quick	Light	Low	White	160.452UK, 160.453UK, 160.461UK or any machine up to 900W	
160.582UK	5 Litre								
160.587UK	1 Litre	High grade fog fluid	Orange	Slow	Medium	Good	White	160.455UK, 160.456UK, 160.457UK or any machine 1000-1500W	
160.588UK	5 Litre								
160.644UK	1 Litre	High quality fog fluid	Pink	Slow	High	Good	Thick white	160.455UK, 160.456UK, 160.457UK or any machine 1000-1500W	
160.583UK	5 Litre								
160.589UK	5 Litre	Premium fog fluid	Clear	Slow	Very high	Excellent	Opaque White		
160.592UK	1 Litre	Low level fog fluid	Clear	Slow	Highest	Excellent	Opaque White	160.447UK	
160.593UK	5 Litre								
160.670UK	20ml	Fog machine cleaner	Clear		Extends life of your fog machine				All fog machines
Haze		Results		For use with					
Stock Code	Volume	Description	Colour	Dispersion	Density	Stability	Haze colour	For use with	
160.590UK	1 Litre	High quality haze fluid	Clear	Slow	High	Good	Thick white	160.458UK, 160.459UK 160.462UK, 160.465UK	
160.591UK	5 Litre								