

# QTFX-LBF1

## LED BUBBLE FOG MACHINE 900W

Order ref: 160.555UK

User Manual



Caution: Please read this manual carefully before operating  
Damage caused by misuse is not covered by the warranty



A high output effects machine that combines high density bubbles with a powerful fogger, to produce a stunning smoke-filled bubble experience. The 12 bright LEDs on the front of the unit can be used to highlight the torrent of bubbles, producing an exciting and colourful effect that's ideal for parties and events. The unit itself is made from hardwearing steel, which encases three fans for optimum air flow. It also comes complete with a fully functional wired controller and smaller RF remote for simple wire-free operation and is DMX compatible for more precise control.

- 900W Fogger produces up to 5000cuft/min
- High output bubble machine with 10 wands
- 12 Bright 1W RGB LED's housed in the front panel
- Wired Controller with button control and LCD display
- 10 Channel DMX compatible for more precise control
- 433Mhz keyfob-style RF wireless remote
- 1.2 Litre removeable fluid tank for fog machine
- Quick drain tap at rear for bubble fluid
- 3 fans (1 front, 2 rear) for optimum air flow

## In the box:

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

- QTFX-LBF1 LED Bubble Fogger
- Wired remote control
- RF Remote Control
- UK/EU Mains Leads
- Mounting bracket & screws
- User guide

If you find any accessory is missing or the machine has arrived with damage, please contact your local dealer at once. Do not try to fix this item yourself or you will invalidate the warranty. Please keep the original packaging and invoice for any possible replacement or return demands.

## Warnings:

1. To prevent risk of fire or electric shock, do not expose electrical parts to rain or moisture.
2. If liquids are spilled on areas other than inside the fluid tanks, disconnect the mains, allow the unit to dry out and have it checked by qualified personnel before use.
3. Avoid any impact, dropping or extreme pressure to the housing.
4. No user serviceable parts inside - do not open the case.
5. Allow the unit to acclimatise to room temperature before operating.
6. The QTFX-LBF1 has a built-in fluid container and should be operated in an upright position. Ensure that the unit is positioned on a stable, non-slip surface.

## Safety and Cleaning:

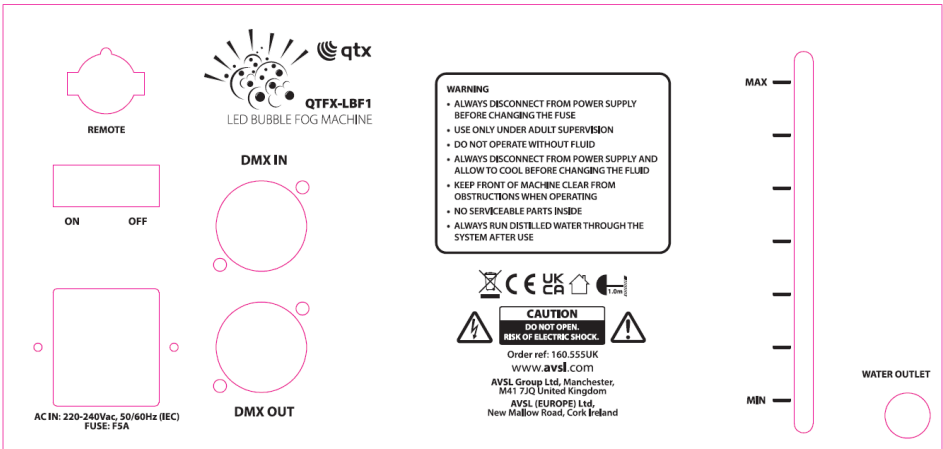
1. Check for correct mains voltage and condition of IEC lead before connecting to mains.
2. This unit must be earthed.
3. This unit uses a heating element – be aware that parts of the housing may be hot during use!
4. Use a soft dry or slightly damp cloth to clean the casing.
5. Do not use strong solvents for cleaning the housing.
6. Clean the fog mechanism periodically by operating with distilled water.
7. It is also recommended to use fog machine cleaning fluid (160.670UK) periodically.

## Recommended Fluids:

The QTFX-LBF1 requires both fog fluid in the fluid tank and bubble fluid in the reservoir. For the efficient use of this unit we recommend the following QTX fluids:

QTX ref code	Description	Size
160.589UK	Premium fog fluid clear	5 Litre
160.575UK	Bubble fluid	5 Litre

## Rear Panel:



## Setting Up:

1. Unpack the QTFX-LBF1 unit.
2. Unscrew the top cap of the fluid tank and remove to fill with fog fluid.
3. Replace the bottle and screw the cap securely, making sure that the pipe is fed down to the bottom of the bottle to ensure a consistent flow of fluid.
4. Carefully fill the bubble reservoir with bubble fluid, taking care not to overfill it but ensuring there is sufficient fluid to cover the wands.
5. Connect the wired remote to the socket marked "REMOTE" on the rear panel.
6. Connect the IEC mains plug and power the unit on.
7. The unit will begin the warming up process which normally takes around 3-5 minutes.
8. After use, remember to empty the haze fluid tank and bubble reservoir by removing the water outlet plug on the back of the unit.

## Operation: Wired remote

**FUNC:** Press to scroll through the menu options (see below table).

**TIMER:** Press to set up fog timer

**UP:** Press to increase the current menu value

**START/STOP:** Press to start and stop continuous fog option

**DOWN:** Press to decrease current menu value



**MANUAL:** Press and release for fog on demand

The menu options displayed on the wired remote are as follows:

Function	Selection	Content
Heating status	Warming Up Ready to Work	Unit warming up please wait Unit is ready to use
Bubble control	Bubble ON Bubble OFF	Bubble flow on Bubble flow off
Interval	Set 1-200	Set interval of fog time
Duration	Set 1-200	Set continuous fog duration
DMX512	Add 1-512	Set DMX address
Volume	Set 0-100	Set fog output volume (low to high)
Red	Set 0-100	Set Red LED Light effect (dark to bright)
Green	Set 0-100	Set Green LED Light effect (dark to bright)
Blue	Set 0-100	Set Blue LED Light effect (dark to bright)
Glint	Set 0-100	Set LED strobe effect (slow to fast)
Skip	Set 0-100	Set LED colour change (slow to fast)
Gradual	Set 0-100	Set LED colour fade (slow to fast)

### Operation: Wireless remote

The small RF remote control supplied can also be used when wireless control of the unit is needed. Ensure the wired remote control is connected to the unit, to use the RF remote for the following functions:



- 1:** Press for fog effect on/off
- 2:** Press for bubbles on/off
- 3:** Press for LED colour range/off
- 4:** Press for LED colour change/fade/off

### Operation: DMX Control

For DMX control, connect a signal source to the DMX input on the unit via a balanced XLR lead. Extra units can also be controlled with the same DMX signal by looping through the DMX out on the unit. Set the unit to DMX512 mode and confirm the correct start address, then use the table below for channel selection.

Channel	Value	Content
CH1	0-255	Fog effect (low to high)
CH2	0-255	Bubble effect (low to high)
CH3	0-255	Bubble height and fan speed increase
CH4	0-255	Bubble volume and fan speed increase
CH5	0-255	Red LED (low to high)
CH6	0-255	Green LED (low to high)
CH7	0-255	Blue LED (low to high)
CH8	0-255	Strobe effect (slow to fast)
CH9	0-130	Colour change mode
	131-255	Colour fade mode
CH10	0-255	Colour change/fade mode speed adjust (slow to fast)

### Specifications:

<b>Power supply</b>	220-240Vac, 50/60Hz (IEC)
<b>Fuse rating</b>	F5A
<b>Power</b>	900W
<b>DMX channels</b>	10CH
<b>Warm up time</b>	3-5 minutes
<b>Remote control frequency</b>	433Mhz
<b>Fog output (approx.)</b>	5,000 cu.ft per minute
<b>Tank capacity</b>	1.2 litres (fog)
<b>Number of wheels</b>	1
<b>Number of wands per wheel</b>	10
<b>LED power</b>	12 x 1W RGB
<b>Dimensions</b>	550 x 255 x 315cm
<b>Weight</b>	6.7kg

### Troubleshooting:

<b>No power to main unit or wired controller</b>	Check mains voltage is correct and socket is switched on
	Check IEC lead is OK and connected properly
	Check mains fuse in IEC connector and fuse in plug top
	If fuse blowing repeatedly, refer to qualified service personnel
<b>Power to unit but no haze/bubble output in manual or continuous mode</b>	Check fluid level in tank/reservoir
	If fluid is OK and pump working, the lines may be blocked
	Check that output is not set to zero on the control panel
	Check that output is not switched off on the keyfob remote
	If blocked, clean with cleaner & distilled water
	Check that if DMX mode is selected, the DMX channel is correct
	In DMX mode, check that haze output is not set to zero



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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