# Robe X1 FT PRO

**USER MANUAL**

**Version: 1.0**

**FT**series

# Robe X1 FT PRO

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# 1. Introduction

Thank you for choosing the ROBE X1 FT PRO. You now own a rugged and powerful state-of-the-art machine. Prior to use, we suggest that you carefully read all of the instructions. By following the suggestions found in this user manual, you can look forward to the reliable and satisfactory performance of your ROBE X1 FT PRO machine for years to come.

Please follow these operation, safety and maintenance instructions to ensure a long and safe life for your machine.

# 2. Safety information

Please read the following safety information carefully before operating the machine. This information includes important safeguards about installation, usage, and maintenance. Pay attention to all warning labels and instructions in this manual and printed on the machine.

Keep this device dry.

Always connect to a grounded circuit to avoid risk of electrocution.

Before connecting machine to power, always check voltage indicate on machine match to your local AC voltage. Do not use the machine if AC power voltage does not match.

Disconnect the machine from AC power before servicing and when not in use.

This product is for indoor use only! Do not expose to rain or moisture. If fluid is spilled, disconnect AC power and clean with a damp cloth. If fluid is spilled onto electronic parts, immediately unplug the machine and contact your local Robe dealer for advice.

No user serviceable and modifiable parts inside. Never try to repair this product, an unauthorized technician may cause damage or malfunction to the machine.

For adult use only. Never leave the machine running unattended.

Installed the machine in a well-ventilated area. Provide at least 50 cm space around the machine. Never add flammable liquid of any kind to the machine.

Make sure there are no flammable materials close to the machine while operating.

Only use Robe fluid. Other fluid may lead to heater clog and malfunction.

If the machine fails to work, unplug the machine and stop operation immediately.

Before transporting the machine, make sure the fluid tank is completely drained.
Fog fluid may present health risks if swallowed. Do not drink fog fluid. Store it securely.
In case of eye contact or if fluid is swallowed, immediately look for medical advice.

# 3. Unpacking and Inspection

Immediately upon receiving the machine, carefully unpack the carton, check the content to ensure that all parts are present and have been received in good condition. If any parts appear damaged or mishandled from shipping, notify the shipper immediately and retrain the packing material for inspection.
Included items:
        1 x ROBE X1 FT PRO
        2 x Power Cord (One for Fog Machine, the other for Fan)
        2 x Fluid Tank
        1 x User Manual

# 4. Product overview

Control Options: DMX, W-DMX

XLR 3-Pin DMX Connector

XLR 5-Pin DMX Connector

Neutrik PowerCon

Blue LCD screen, Timer mode, Volume mode

Tank Capacity: 5 liters

# 5. Setting Up

**Step 1**: Place the machine on a flat surface and in a suitable large area with at least 50 cm open space around the machine.

**Step 2**: Fill the fluid tank with Robe approved fluid.

**Step 3**: Connect the machine to suitable rated power supply.To determine the power requirement for the machine refer to the label on the back of the machine.

*Always connect the machine to a protected circuit and ensure it is properly grounded to avoid risk of electrocution!*

**Step 4**: Turn on the machine and allow it to heat up. Heat up takes approximatly 6 mintues. Once the machine has reached operating temperature, the display will show Ready to Fog. Now the machine is ready for operation.
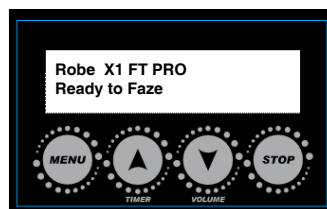
**Step 5**: To start making fog, press the VOLUME button on the control panel.

**Step 6**: To turn off the machine, hold the STOP button for 3 seconds; the machine will automatically run a self-cleaning process and shut off after the process is done.

# 6. Operation

**Control Panel Operation**
The machine can be operated with the onboard digital control interface.

Robe  X1 FT PRO
Ready to Faze

MENU  ▲  ▼  STOP
TIMER  VOLUME

| Button | Function |
|---|---|
| [MENU] | Scroll through setting menu |
| [UP]/[TIMER] | Up/Activate Timer function |
| [DOWN]/[VOLUME] | Down/Activate Volume function |
| [STOP] | Deactivate Timer/Volume function<br>Or to select and memorize the setting.<br>Hold 3 seconds to start self-cleaning process |

**Control menu**

Operation Mode

    XXXX

      Select Fog or Faze Mode

Timer Interval

    XXX Sec

      Set interval time at Timer mode from 1 to 300 seconds

Timer Duration

    XXX Sec

      Set duration from 1 to 120 seconds

Timer Output

    XXX %

      Set output volume at Timer mode from 20 to 100 %

Volume Output

    XXX %

      Set output volume at Volume mode from 20 to 100 % or continuous output

Fan Speed

    XXX %

      Set fan speed from 20 to 100% or to turn off Fan

DMX-512

    Address: XXX

      Set DMX/W-DMX address from 1 to 510

W-DMX Power

    XX

      Turn On/Off W-DMX function

W-DMX Reset

    XX

      Unlink from a W-DMX transmitter
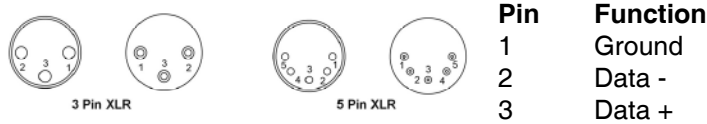
Air Pump Sensor

    XX

      Turn On/Off Air Pump Sensor

Run Last Setting

    XX

      Turn On/Off run last setting function

**DMX Connector Pin Assignment**
The machine provides a 3- or 5-pin XLR connector for DMX connection. The diagram below indicates pin assignment information.

| Pin | Function |
|-----|----------|
| 1 | Ground |
| 2 | Data - |
| 3 | Data + |

3 Pin XLR     5 Pin XLR

**DMX Operation**
*Making the DMX Connection* – Connect the machine to a DMX controller or to one of the machines in the DMX chain. The machine uses a 3-pin or 5-pin XLR connector for DMX connection, the connector is located on the front of the machine.

*Address Setup* – Use control menu to set DMX address. The machine occupies 3 control channels. The starting address is defined as the first channel from which the machine will respond to the controller. Always double check to make sure there are no overlapping channles in order to control the machine correctly.

**DMX chart**

| Channel | Value | Function | Type of control |
|---------|-------|----------|-----------------|
| 1 | 0-127<br>128-255 | **Mode selection**<br>Faze Mode<br>Fog Mode | step<br>proportional |
| 2 | 0-5<br>6-255 | **Faze/fog Output**<br>Output Off<br>Output 21-100% | step<br>proportional |
| 3 | 0-5<br>6-255 | **Fan**<br>Fan speed at 20%<br>Fan speed 21-100% | step<br>proportional |

# 7. Service and maintenance

Do not allow the machine and fluid to become contaminated.

Regularly fill distilled water to fluid tank and run the machine to clean the system. After cleaning, refill Robe fog fluids into fluid tank and make sure machine can produce fog properly.

It is recommended to run the machine on a monthly basis in order to achieve best performance and output condition.

Excessive dust, liquid and dirt built up will degrade performance and cause overheating

**Status of W-DMX connection**

| Symbol on the Liquid Crystal Display | Status of W-DMX connection |
|---|---|
| ● | Transmitter assigned, DMX signal received |
| ◎ | Transmitter assigned, No DMX signal |
| ⊙ | Transmitter link lost or linking to transmitter |
| ○ | Transmitter not assigned |

# 8. Technical specifications

Input voltage:                               110-120V 60Hz or 220-240V 50Hz
Power Consumption: 1650 W - 230V
Warm-up time: 6 minutes (approx.)
Fluid tank capacity: 5 Liter
Maximum Fluid consumption: Fog Mode: 140 ml per minute
Faze Mode: 28ml per minute
Recommended Fluid: Robe water-based fog fluid for the best effect
Control options: LCD Menu, DMX 512, Wireless DMX
Adjustable output volume and fan speed
DMX channels: 3 channels
Power connection: Neutrik PowerCON
DMX data connection: 3-pin and 5-pin XLR
Dimension: L 710 x W 412 x H 710 mm
Dry weight: 52.5kg