FT-100 Fire Training
Fog Machine User Manual

English

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User Manual - English

Safety Information

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

If you have questions about how to operate the machine safely, please contact your local Antari dealer for help.

- 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 Antari dealer for advice.
- No user serviceable and modifiable parts inside. Never try to repair this product, unauthorized technician may lead machine to damage or malfunction.
- For adult use only. Never leave the machine running unattended.
- Installed in 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 Antari fluid. Other fluid may lead to heater clog and malfunction.
- If the machine fails to work, unplug the machine and stop operation immediately. Contact your local Antari dealer for advise.
- Before transporting the machine, make sure the fluid tank is completely drained.

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- Smoke fluid may present health risks if swallowed. Do not drink smoke fluid. Store it securely. In case of eye contact or if fluid is swallowed immediately look for medical advice.

Unpacking and Inspection

Immediately upon receiving the machine, carefully unpack the carton, check all 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.

What is included:
1 x FT-100 Fog Machine
1 x W-1 Wireless Remote
1 x Power Cord
1 x User Manual

Product Dimension

264.5 mm

278.2 mm   580 mm

Product Overview

Wireless Reciver
(W-1 Wireless Remote)

Remote Control (Z-3 Remote)

XLR 5-Pin DMX Connector

XLR 5-Pin DMX Connector

Two rotary knobs
Timer / Volume

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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 Antari 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 10 mintues. Once the machine has reached operating temperature, the LCD display will show "Ready To Fog". Now the machine is ready for operation.

Step 5: To start making fog, locate the rotary knob on the right side of control panel, and press the rotary knob to start making fog.

Step 6: To turn off the machine, press rotary knob again button and turn Powercon to the *OFF* position.

Operation

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

Operation - Timer Mode

Rotary knob	Action	Description
Left	Press once	Activate timer mode
Right	Press second time	Deactivate timer mode
Right	Rotate	Adjust output volume

Operation – Volume Mode

Rotary knob	Action	Description
Right	Press once	Activate volume mode
Right	Press second time	Deactivate volume mode
Right	Rotate	Adjust output volume

Setting

Rotary knob	Action	Description
Left	Press and hold for 3 seconds	Enter setting menu
Left	Rotate	Scroll through menus
Left	Press	Press once to enter
Left	Rotate	Adjust for preferred value
Right	Press	Escape from menu

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Control Menu

Interval Set XXX S	Set interval time from 5 to 200 seconds

Duration Set XXX S	Set duration time from 1 to 200 seconds

Timer Output XXX %	Set output volume from 1 to 100%

Volume Output XXX %	Set output volume from 1 to 100%

DMX512 Address:XXX	Set DMX address from 1 to 512

Wireless ON	Turn ON or OFF wireless remote feature

Fluid Sensor Set ON	Turn ON or OFF fluid sensor

W-DMX Power OFF	Turn ON or OFF wireless DMX module

Run Last Setting OFF	Turn ON or OFF memory setting. When turn "ON" the machine will return to its original state before last shut off.

Keypad Sound ON	Turn ON or OFF rotary knob sound

Wireless Detect Pair	Pair or un-pair wireless remote

Nonstop Burst OFF	Turn ON or OFF nonstop burst function. Once turn on machine can produce output continously without reheat

Wireless Operation

Wireless remote control system W-2 consists of a transmitter equipped with four buttons to activate, deactivate, increase and decrease fog output and an onboard receiver attached to the rear panel of FT-100 fog machine.

W-2 Wireless Transmitter

Press [A] button to emit fog. Press [B] button to stop. Press [C] button to increase output volume. Press [D] button to decrease output volume.

In a free open space the effective distance is 50 meters, actual usage depending on obstacle level the effective distance is 10-25 meters.

Wireless Receiver

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Registering transmitter

Transmitter can be pair or deleted from the receiver. Each receiver can pair up to 5 transmitters. Follow below steps to pair or delete transmitter from receiver.

Step 1: Press and hold left rotary knob for 3 seconds to enter setting menu
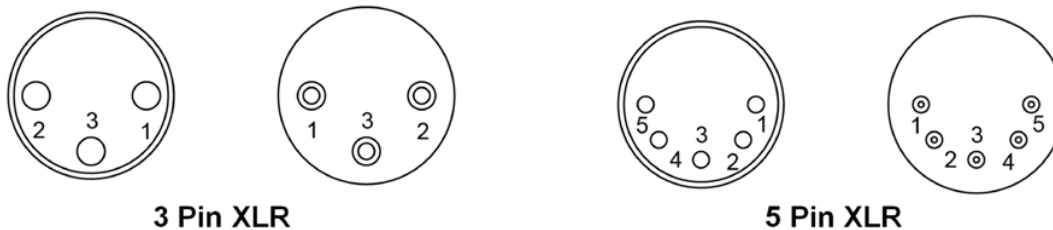Step 2: Rotate the rotary knob to find "Wireless Detect" menu
Step 3: Follow the menu instruction to pair or delete transmitter

Transmitter battery replacement

If effective distance seems to be decreased, it is possible the battery level are low and require replacement. In order to replace the battery, undo the three screws on the back of transmitter to release the cover. Replace with same type and specification of battery which is 27A 12V

DMX Connector Pin Assignment

The machine provide 3 or 5 pin XLR connector for DMX connection. Diagram below indicate pin assignment information

3 Pin XLR   5 Pin XLR

Pin	Function
1	Ground
2	Data-
3	Data+

DMX Channel Function

Channel 1	DMX Value Range	Function
Fog	0 – 4	Fog Off
	5 – 255	Output 1-100%

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Fluid

Only use Antari FLP water-based liquid for the FT-100 Fire Training Fog Machine. The machine is tested and calibrated with this liquid to get the best output performance. Warranty will be void if any other type of liquid is used, improper use of liquid may lead to machine failure and malfunction.

Service and Maintenance

- Do not allow the machine to become contaminated.
- Remove dust from air vents with air compressor, vacuum or a soft brush.
- Only use a damp cloth to clean the casing.
- Before storing run distilled water through the system to help avoid condensing the pump or heater.
- 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.

Breaker Reset

⚠️ Disconnect AC power before reset breaker. Only replace fuse with same type and rating.

Step 1: Disconnect AC power

Step 2: Flip breaker to ON position

Step 3: Turn on machine to test

Breaker

> 120V = 15A 250V
>
> 230V = 7A 250V

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Technical Specifications

Input voltage	US 120V
	EU 230V
	UK 240V
	JP 100V
Breaker	120V = 15A 250V
	230V = 7A 250V
Heater	1500W
Warm-up time	10 min. (approx.)
Output	20,000 cu.ft/min
Max. operating time	1 min at 100% output, 60 mins at continuous output
Fluid tank capacity	6 L
Fluid consumption	100 ml/min
Compatible fluid	Antari FLP water-based fluid
Control option	DMX 512, Manual, Timer, Wireless remote
DMX channels	1 channels
Power connection	Neutrik Powercon
DMX data connection	5-pin XLR
Dimension	L 580 x W 278.2 x H 264.5 mm
Dry weight	14.6 kg

Antari
FOG MACHINE

For current product information visit Antari at:www.antari.com
For information requests please contact us at:sales@antari.com

MOBILEWEB/EN   MOBILEWEB/TC

C08FT1000

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