W-715 Fog Jet
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.
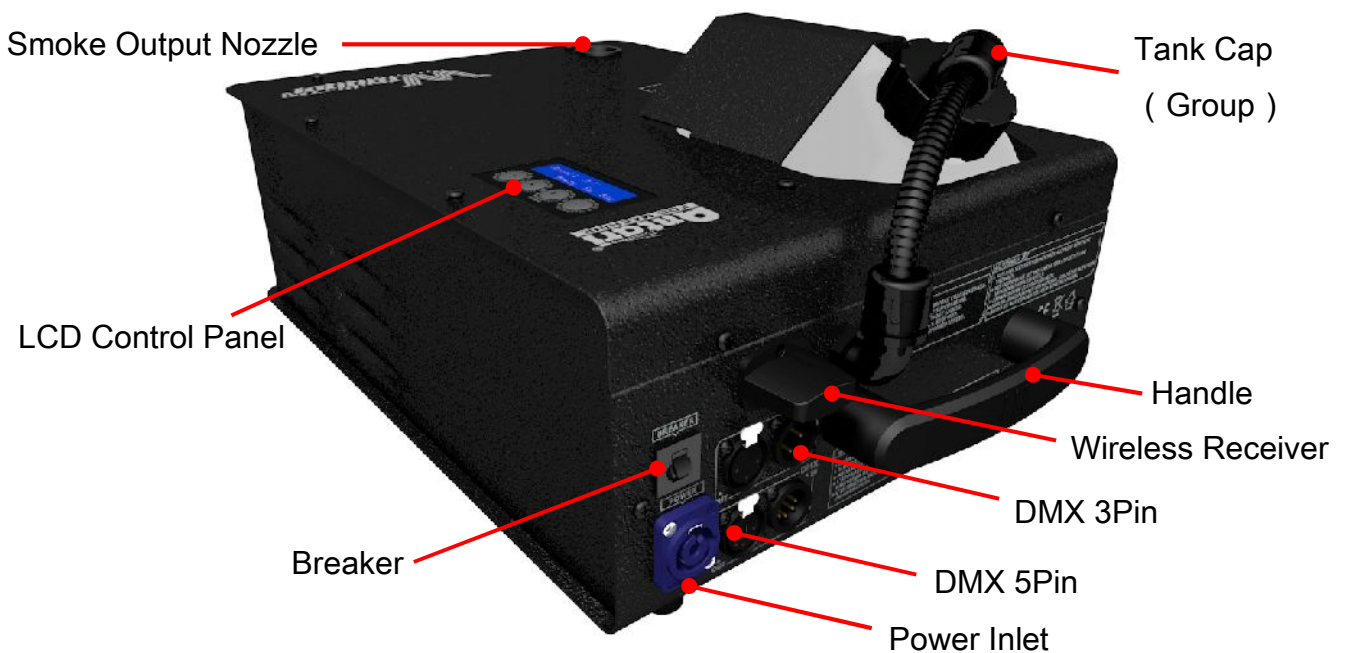
- Keep this device dry.
- Always connect to a grounded circuit to avoid risk of electrocution.
- Before connecting machine to power, always check voltage indicate on machine match to your local AC voltage. Do not use the machine if AC power voltage does not match.
- Disconnect the machine from AC power 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.
- 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 retain the packing material for inspection.

What is included:

1 x W-715 Fogger

1 x Power Cord

1 x User Manual

1 x W-1 Wireless Transmitter (excluded in W-715X)

Product Overview

Smoke Output Nozzle

Tank Cap
（Group）

LCD Control Panel

Handle

Wireless Receiver

DMX 3Pin

Breaker

DMX 5Pin

Power Inlet

Setting Up

Step 1: Place the machine on a flat surface and in a suitable large area with at least 50 cm open space at each side of the machine and 5 meters for the output direction of the machine.

Step 2: Fill the fluid tank with Antari FLC fog 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 by connecting the power cord and turning the Neutrik Powercon. Heat up takes approximatly 9 minutes. Once the machine has reached operating temperature, the LCD screen will display "Ready To Fog". Now the machine is ready for operation.

Step 5: To turn off the machine, turn the Neutrik Powercon again.

Language Setting

To switch the language used for control interface, press [Menu] button **BEFORE** turning on the machine and **HOLD** it until LCD screen flashes for two times. After the two flashes, press [Menu] to choose the language: English and 中文 (Chinese).

Operation

Control Panel

The machine can be operated with the LCD control panel located on top of the fogger.

Button	Function
[Menu]	Select from functions
[▲ / Timer]	To increase value or choose from options
	To activate **Timer Mode**
[▼ / Volume]	To decrease value or choose from options

	To active **Volume Mode**
	To emit fog under **2-Second Jet Mode**
[Stop]	To stop output or go back to main screen

Functions	Value	Description
Interval Set	10-300 Seconds	Interval time under **Timer Mode**
Duration Set	2-15 Seconds	Duration time under **Timer Mode**
Timer Output	50-100%	Output volume under **Timer Mode**
Volume Output	50-100%	Output volume under **Volume Mode**
2-Second Jet Mode	On/Off	Activate or disactivate **2-Second Jet Mode**
DMX512 Address	1-512	Setup the DMX address
Wireless Control Mode	On/Off	Activate or disactivate Wireless Control Mode
Quick Start Mode	On/Off	Activate or disactivate Quick Start Mode

Timer Operation

To operate the machine under **Timer Mode**, interval, duration time and output volume under **Timer Mode** must be set first:

Interval Time Setup - Press [Menu] button until LCD screen displays "Interval Set" and then press ▲ or ▼ button to set the interval time from 10-300 seconds.

Duration Time Setup - Press [Menu] button until LCD screen displays "Duration Set" and press ▲ or ▼ button to set the duration time from 2-15 seconds.

Output Volume Setup - Press [Menu] until LCD screen displays "Timer Output" and press ▲ or ▼ button to set the output percentage from 50-100%.

After finishing the above setting, go back to main screen by pressing [Stop] button.

To activate **Timer Mode**, press [Timer] button under main screen. To deactivate **Timer Mode**, press [Stop] button.

Volume Operation

To operate the machine under **Volume Mode**, output volume under **Volume Mode** must be

set first:

Output Volume Setup - Press [Menu] button until LCD screen displays "Volume Output" and then press ▲ or ▼ button to set the output percentage from 50-100%.

After finishing the above setting, go back to main screen by pressing [Stop] button.

To activate **Volume Mode**, press [Volume] button under main screen. To deactivate **Volume Mode**, press [Stop] button.

Note: Under Volume Mode, fogger emits fog continuously until a re-heat is needed.

2-Second Jet Operation

To activate **2-Second Jet Mode**, press [Menu] button until LCD screen displays "2-Second Jet Output" and then press ▲ or ▼ button to activate or deactivate **2-Second Jet Mode**. Once the **2-Second Jet Mode** is activated, the main screen will keep showing "2-Sec Jet Mode. Press [Volume] button and the fog will be emitted for 2 seconds with maximum output (100%).

DMX Operation

Making the DMX Connection – Connect machine to a DMX controller or to one of the machines in the DMX chain. The machine uses an 3-pin and 5-pin XLR connector for DMX connection, the connector is located on the rear of the machine.
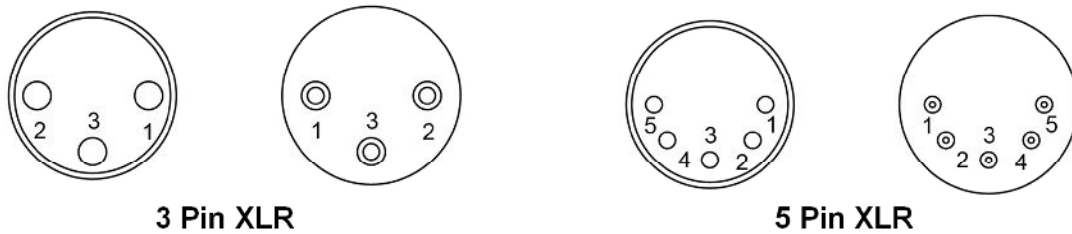
Address Setup – Press [Menu] until LCD screen displays "DMX512 Add:" and then press ▲ or ▼ button to set the DMX address from 1-512.The machine occupies 1 control channel. The starting address is defined as the first channel from which the machine will respond to the controller. Always double check to make sure there are no overlapping channles in order to control the machine correctly.

DMX Channel Function

Channel	DMX Value Range	Function
1	0 – 5	Fog Off
	6 – 255	Fog Output 50 – 100%
		Fog Output 100% for 2 seconds (under 2-Second Jet Mode)

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+

Wireless Remote Control Operation (Not applicable for W-715X)

The wireless remote control system consists of a transmitter equipped with two buttons for on and off functions and a receiver pre-attached to the rear of the machine.

*Transmitter

With the transmitter it is possible to emit fog via radio signal at maximum distance of 50 meters. Press the button "A" or "B", to emit fog.

*Receiver

The receiver is tested and pre-attached to the rear of the machine. The included transmitter has been registered to the machine before shipping.

To activate or deactivate the wireless remote control function, press [Menu] until LCD displays "Wireless" and press ▲ or ▼ button to activate or deactivate the wireless remote control function. When wireless remote control function is activated, the LCD screen will display "Wireless Detect …" for 15 seconds, and during this 15-second time, wireless transmiter(s) must be registered by pressing either button A or B on the transmitter(s). The pressed button A or B while registering will be the button to emit fog under wireless remote control mode.

Note:

1. Once wireless remote control function is activated, a "W" sign will be displayed on the LCD screen.

2. Once wireless remote control function is activated, the LCD screen will display "Wireless Detect …" everytime when the machine is turned on; this allows new registration. Every new registration overwrites the previous memory.
3. One machine can be controlled by up to 5 transmitters while one transmiter can be registered to unlimited machines.
4. Battery used in transmiter: type A27S 12V.
5. When under **2-Second Jet Mode**, pressing the button (A or B) on the trasmitter will emit fog for 2 seconds with maximium output (100%).

Power Saving

- Keep pressing [Stop] button for 3 seconds, LCD screen will display the countdown of 60 seconds. After the countdown, the machine will go into sleep mode. To wake the machine again, press any button.
- When the machine is idle for 15 seconds, the backlight of the LCD screen becomes dim. To light up again the LCD screen, press any button.
- When DMX connector is disconnected from the machine, the machine will go into sleep mode, and when DMX connector is re-connected to the machine again, the machine will be waked up.

Liquid

Only use **Antari FLC water-based liquid** for the W-715 Fogger. 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.

Technical Specifications

Input voltage	110-120V 60Hz
	220-240V 50Hz
Breaker	15A 250V (110V-120V)
	9A 250V (220-240V)
Heater	1600W
Warm-up time	9 minutes (approx.)
Output distance	approximately 5 M
Fluid tank capacity	2.4 L (0.63 gal)
Fluid consumption	300 ml/min
Compatible fluid	Antari FLC water-based fluid
Control option	LCD control panel, wireless remote control, DMX 512
DMX channels	1 channel, Output volume
Power connection	Neutrik Powercon
DMX data connection	3-pin and 5-pin XLR
Dimension	L449 x W295 x H199 mm
	(L17.68 x W11.61 x H7.83 inch)
Net weight	15.5 kg (34.17 lb)

Antari
FOG MACHINE

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

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