

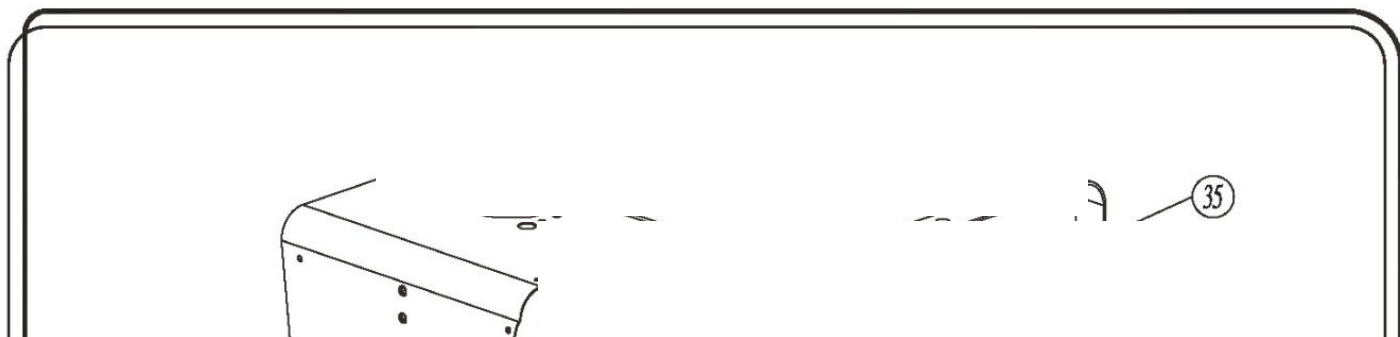


# Z-390 Fazer User Manual

- ENGLISH



## Z<sup>390</sup> Series®



**Z<sup>390</sup>Series®**

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## 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.

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 the machine to power, always check the voltaged indicate on the machine matches 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.
- If the supply cord is damaged, contact your local Antari dealer for replacement.
- 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, an unauthorized technician may lead the machine to damage or malfunction.
- For adult use only. Children being supervised not to play with the machine. Never leave the machine running unattended.
- The machine is not to be used by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge.
- Installed 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 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 .

- 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.

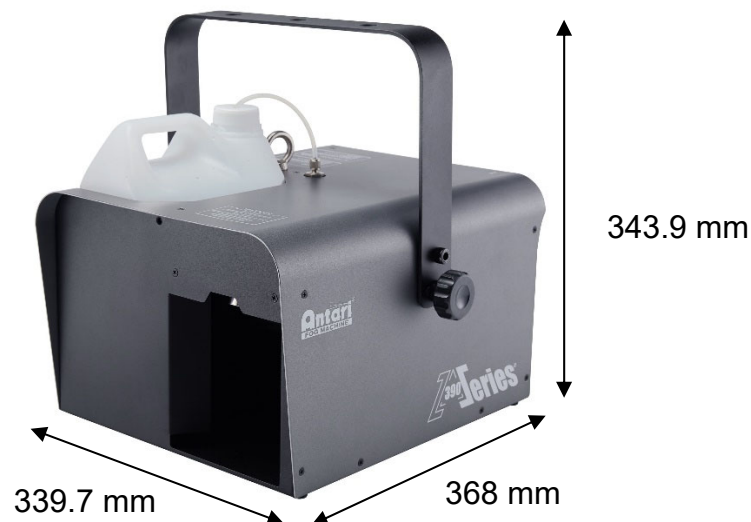
## Unpacking and Inspection

Immediately upon receiving the machine, carefully unpack the carton, check 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 retain the packing material for inspection.

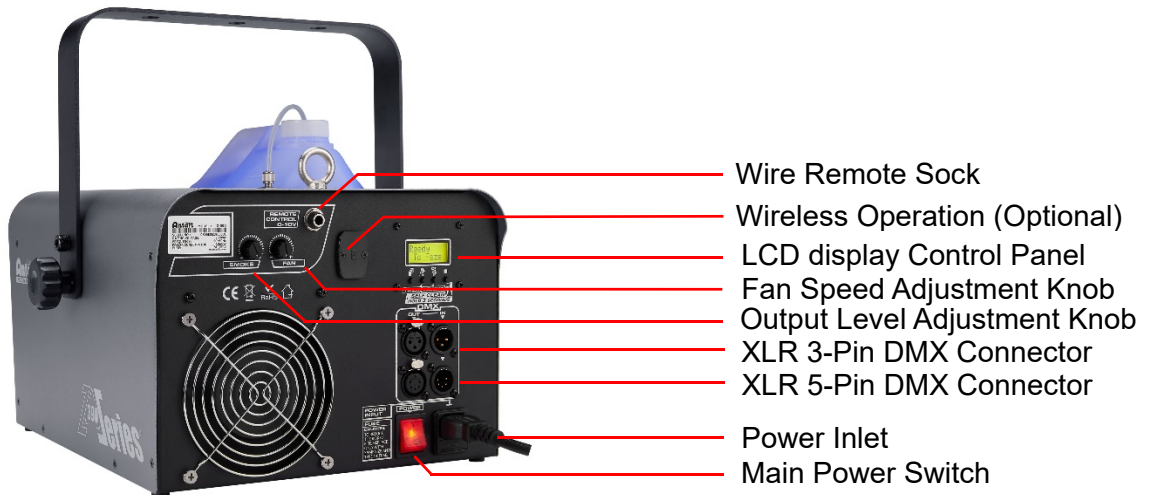
**What is included:**

- 1 x Z-390 Fazer
- 1 x Power Cord
- 1 x User Manual

## Product Dimensions



## Product Overview



## Setting Up

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

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

**Step 3:** Connect the machine to a suitably 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 approximately 1.5 minutes. Once the machine has reached operating temperature, the LCD display will show “Ready to Faze”. Now the machine is ready for operation.

**Step 5:** To start making haze, locate the **Volume** button on the control panel, and press the button to start making faze.

**Step 6:** To turn off the machine, press the **Stop** button and put the power switch to the **OFF** position.

## Operation

## Control Panel Operation

The machine can be operated with the onboard digital control interface or two rotary knobs located on the rear.



Rotary Knob	Function
SMOKE	Turn haze on/off, adjust output volume from 1~100%
FAN	Adjust fan speed from 20%~100%

Button	Function
[MENU]	Scroll through setting menu
▲ [UP]/[TIMER]	Up/Activate Timer function
▼ [DOWN]/[VOLUME]	Down/Activate Volume function
[STOP]	Deactivate Timer/Volume function

## Control Menu

Interval Set 180s	Set the interval from 1 to 180 seconds
Duration Set 120s	Set the duration from 1 to 120 seconds
Timer Out 100%	Set the timer output from 1 to 100%

Volume Out 100%	Set the output volume from 1 to 100%
Fan Out 100%	Set the output volume from 1 to 100%
DMX512 Add. 511	Set the DMX address from 1 to 511
DMX Mode 1Ch	Set the DMX mode Sync, 1Ch or 2Ch
Wireless OFF	Turn On or Off wireless control
Quick Start OFF	Turn On/Off run last setting function
Info Ver: 1.0	Check machine info

### ***Remote Control Operation (Optional)***

To operate the machine by remote control, connect the remote to the microphone jack located on the rear of the machine. Use the switch to turn wind on/off, and use the rotary knob to adjust the output volume from 0~100%.



### ***WTR-20 Wireless Operation (Optional)***

The wireless remote control system W-2 consists of a transmitter equipped with four buttons to turn faze output on or off, and adjust the output volume; with an onboard receiver attached to the rear panel of the Z-390.



*W-2 Wireless Transmitter*



*Wireless Receiver*

Wireless remote control function:

- [A] button – Turn on faze output
- [B] button – Turn off faze output
- [C] button – Increase output volume
- [D] button – decrease output volume

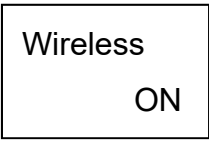
In an open and unobstructed space the effective distance is 50 meters, usage depending on obstacle level, is 10-25 meters.

### ***Registering a transmitter***

Transmitters can be paired or deleted from the receiver. Each receiver can pair up to 10 transmitters. Follow below steps to pair or delete a transmitter from a receiver.

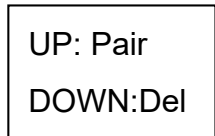


Step 1: Set Wireless to ON



Step 2A: Press [UP] to pair a new transmitter; press any button on the W-2 remote to finish pairing.

Step 2B: Press [DOWN] button to delete existing transmitter.

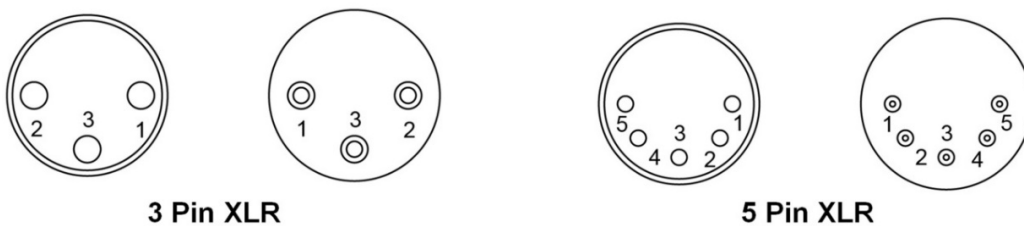


**Transmitter battery replacement**

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

**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+
4	N/A
5	N/A

**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 are located on the front of the machine.



### DMX Channel Function

Channel Mode	Channel	Value	Function
2	1	0-5	Faze off
		6-255	Faze 1-100%
	2	6-255	Fan 20-100%
1	1	0-5	Faze off Fan 100%
		6-255	Faze 1-100% Fan 100%
Sync	1	0-5	Faze Off Fan 20%
		6-255	Faze 1-100% Fan 21 – 100%

## Fluid

Only use Antari FLG water-based liquid for the Z-390 Fazer. The machine is tested and calibrated with this liquid to get the best output performance. Warranty will be voided 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 the 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.

### **Fuse Replacement**



Disconnect AC power before replacing the fuse. Only replace the fuse with same type and rating.

*Step 1:* Disconnect the power cord from the supply.

*Step 2:* Use a flat-head screwdriver to release the fuse holder.

*Step 3:* Replace the fuse with exact same type and rating as indicated below.

*Step 4:* Reinsert fuse holder.



### **Fuse**

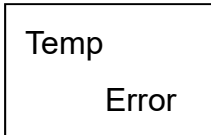
120V = T10A 250V

240V = T7A 250V

## **Error Messages**

Overheat Error
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Indicates heater exceeds temperature range



Indicates heater is not working properly

If above message shows on the display, unplug the machine and stop operation immediately. Contact your local Antari dealer for advice

## Technical Specifications

- Input voltage	US model : AC 100-120V, 50 / 60Hz 8.5A EU model : AC 220-240V, 50 / 60Hz 6.5A
- Rated power	1000W (120V) 1500W (240V)
- Warm-up time	1.5 minutes (approx.)
- Fluid consumption	8 ml/min
- Fluid tank capacity	4L (1.06 gallon)
- Compatible fluid	Antari FLG Heavy Fog Fluid
- Operating time	8 hrs at max. output
- Ambient temp. range	0 °C - 40 °C (32 °F-104 °F)
- Control	DMX512, Manual, Timer, Wireless (Optional)
- DMX channels	2 channels
- Connection	IEC (Power), XLR 3-pin and 5-pin (DMX) Z-3 Cable Remote
- Optional accessories	WTR-20 Wireless Remote
- Dimension	L 368 W 277.7 H 267.4 mm ( L 14.49 W 10.93 H 10.53 inch) L 368 W 339.7 H 343.9 (hanging bracket) ( L 14.49 W 10.93 H 13.54 inch) (hanging bracket)
- Weight	9.45 kg (20.83lbs)