M-4
Stage Fog Machine
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, an unauthorized technician may cause damage or malfunction.
- For adult use only. Never leave the machine running unattended.
- Position the machine in a well-ventilated area. Please leave about 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 assistance.
- 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.

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 M-4 Fogger

1 x Power Cord

1 x User Manual

Product Dimension

385.7 mm

193 mm   L345 mm

Product Overview

WDMX / Wireless Receiver*

LCD Control Panel

Breaker

XLR 3-Pin DMX

PowerCon

XLR 5-Pin DMX

Both Wireless Remote and Wireless DMX are Optional and not included
Optional Wireless Remote Add On Kit: WTR-10
Optional Wireless DMX Add On Kit: W-DMX-PCBR

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 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 5 minutes. Once the machine has reached operating temperature, the LCD screen will display "Ready To Fog". Now the machine is ready for operation.

Control Panel Operation

The machine can be operated with the on-board LCD control panel.
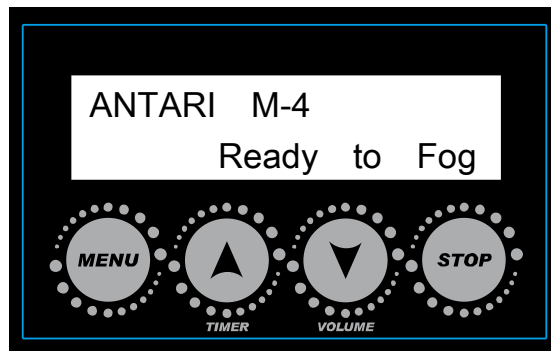
Button	Function
[MENU]	Select from functions
[▲ / TIMER]	To increase value or choose from options
	To activate Timer Mode
[▼ / VOLUME]	To decrease value or choose from options
	To active Volume Mode
[STOP]	To deactivate Timer/Volume function or to select and memorize the setting

Control Menu

| Interval Set
    15 Sec | Set interval time from 15 to 360 seconds |

| Duration Set
    5 Sec | Set duration time from 1 to 5 seconds |

| DMX512
          Add: 1 | Set DMX address from 1 to 512 |

| W-DMX Power
          Off | Turn On/Off W-DMX |

| W-DMX Reset
          Off | Rest W-DMX connection |

Turn On/Off wireless control

| Wireless
          Off |

| Quick Start
          Off | Turn On/Off to have a quick start (to run last settings) |

* Both the Wireless Remote and W-DMX menu only function when the Optional Wireless Remote or W-DMX Add On Kits are installed.
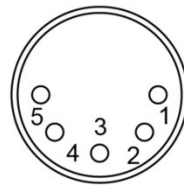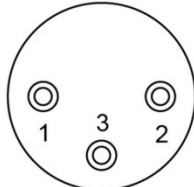
DMX Operation

Making the DMX Connection – Connect machine to a DMX controller or to one of the machines in the DMX chain.

DMX Connector Pin Assignment

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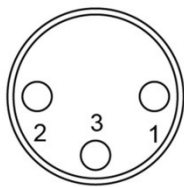
3 Pin XLR   5 Pin XLR

Pin	Function
1	Ground
2	Data-
3	Data+

DMX Channel Function

Channel	DMX Value Range	Function
1	0 – 5	Fog Off
	6 – 255	100% Fog Output

Status of W-DMX connection (Optional)

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

Wireless Remote Control Operation (Optional)

The optional wireless remote control system consists of a handheld transmitter and a receiver on the rear of the machine.

*This menu function is only available when the Optional Wireless Remote Control Add On Kit is installed:
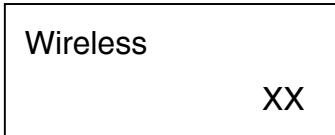
Wireless
XX

Turn On/Off Wireless Remote Control function

*Transmitter

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

*Receiver

If the optional wireless remote control function is selected and included, a radio signal receiver is tested and pre-attached on the machine. The included transmitter also has been paired with the attached receiver before shipping.

To activate or deactivate the wireless remote control function, press [Menu] until the LCD displays "Wireless". Then press the ▲ or ▼ button to turn on or off the wireless remote control function. Once the wireless remote control function is turned on, the letter "W" will be displayed on the LCD screen.

Registering transmitter

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

Step 1: Power off M-4 Fogger

Step 2: Press and hold [DOWN] button

Step 3: Turn power on and release [DOWN] button when LCD display blinks

Step 4: Follow the menu instruction to pair or delete transmitter
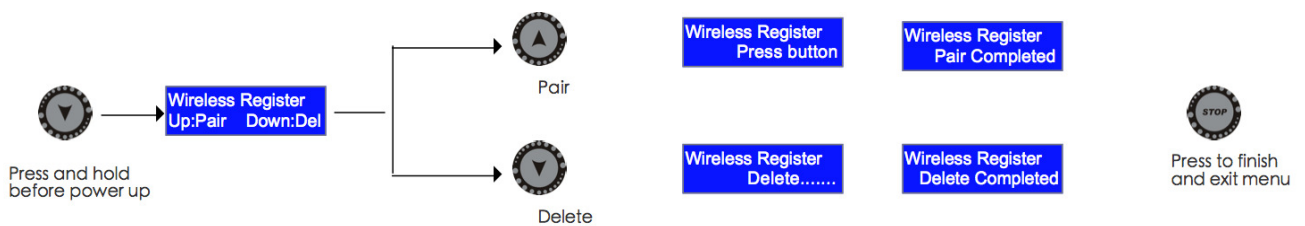
Notes:

One machine can be controlled by up to 10 transmitters while one transmiter can be paired with an unlimited number of machines.

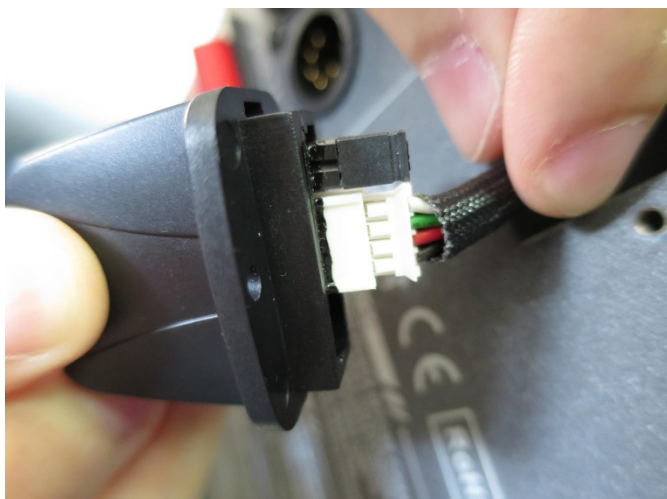## Installation instructions for wireless remote antenna

Step 1: Unscrew and remove the flat cover on the machine.

Step 2: Pull out the cable with terminal.

Step 3: Connect the terminal to W-1 Wireless Signal Receiver.

Step 4: Screw the receiver onto the machine tightly to complete the installation.

W-DMX Control Operation (Optional)

* W-DMX-PCBR add-on kit

The optional wireless DMX control system consists of a W-DMX PCB inside the machine and a W-DMX antenna on the rear of the machine.

* W-DMX-PCBR menu functions

These menu functions are only available when the Optional Wireless DMX Control Add On Kit is installed:

W-DMX Power
XX

Turn On/Off W-DMX function

W-DMX Reset
XXX

Unlink from a W-DMX transmitter

How to install W-DMX board and antenna

To prevent electrostatic discharge damage to the receiver board, please wear an anti-static wrist strap during the installation if possible. Do not touch the pins on the bottom side.
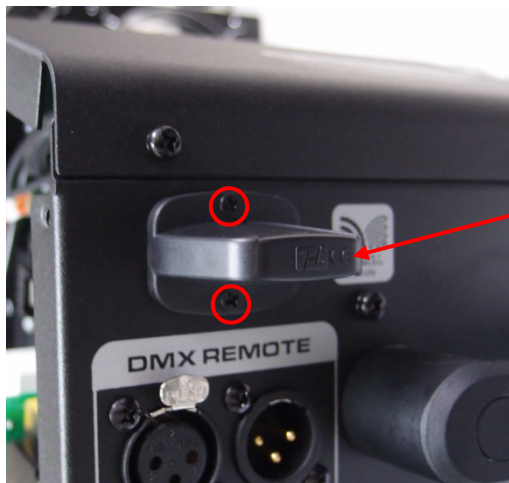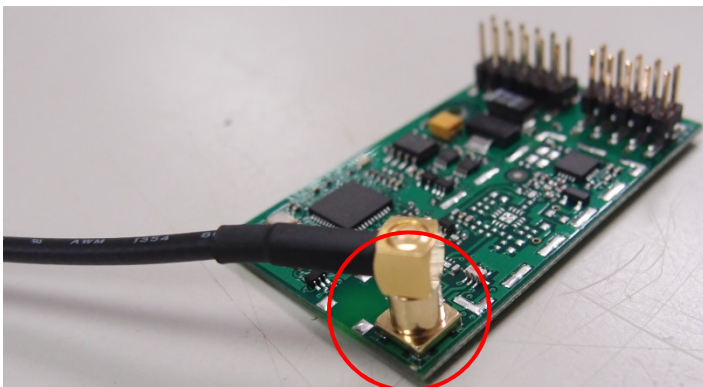
Step 1. Remove the side screws.
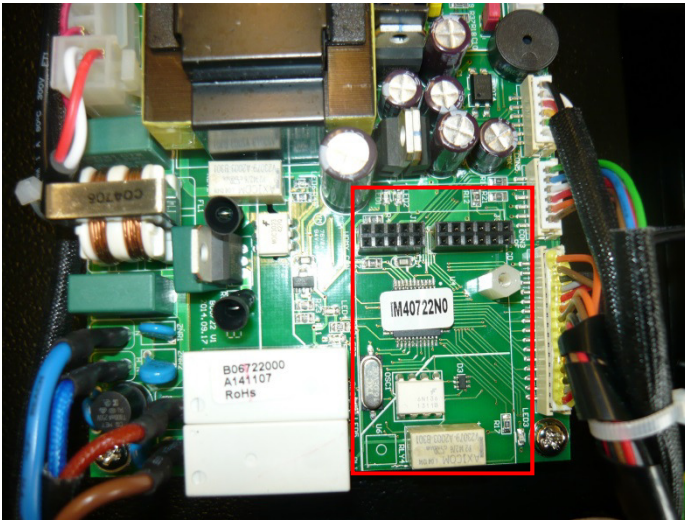
Step 2. Remove the rear screws.

Step 3. Remove the cover on the control panel.

Step 4. Attach the antenna (Part # W-DMXR).

Step 5. Connect the antenna (Part # W-DMXR) onto the W-DMX board (Part # W-DMX-PCB).

Step. 6 The red-framed area is where the W-DMX board is placed.

Step 7. Attach the W-DMX board to the main PCB and fix it with a screw. The installation of W-DMX antenna and W-DMX board is completed.

Fluid

Use Antari FLC water-based fluid for the best performance for the M-4 Fogger. The machine is tested and calibrated with this fluid to achieve 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 and fluid to become contaminated.
- Regularly fill distilled water to fluid tank and run the machine to clean the system. After cleaning, refill Antari 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.

Technical Specifications

Input voltage	110-120V 60Hz or 220-240V 50Hz
Breaker	15A 250V (110V-120V)
	8A 250V (220-240V)
Power consumption	1500W
Warm-up time	5 minutes (approx.)
Output distance	approx. 5 meters
Fluid tank capacity	2.4 L
Fluid consumption	24ml/10sec
Recommended fluid	Antari FLC water-based fluid
Control options	LCD control panel, DMX, W-DMX, Wireless remote control,
DMX channels	1 channel, output volume
Power connection	Neutrik Powercon
DMX data connection	3-pin and 5-pin XLR
Dimensions	L345 x W193 x H385.7mm
Dry weight	11.0kg

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

C08M04000

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