AF-5X / AF-5XR
Special Effects Fan
User Manual

- ENGLISH

Antari AF-5X / AF-5XR Special Effects Fan User Manual

Congratulations on the purchase of your new Antari AF-5X / AF-5XR Special Effects Fan. 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 AF-5X / AF-5XR Special Effects Fan for years to come.

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 voltage indicated on the machine matches 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 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 to the machine.
- For adult use only. Never leave the machine running unattended.
- Install the machine in a well-ventilated area. Provide at least 50 cm space of around the machine.
- Make sure there are no flammable materials close to the machine while operating.
- If the machine fails to work, unplug the machine and stop operation immediately. Contact your local Antari dealer for advice.
- If the supply cord is damaged, it must be replaced by a special cord or assembly available from the manufacturer or its service agent.

- The appliance is not to be used by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge.
- Children being supervised are not to play with the appliance.
- Do not insert hands or objects into fan.
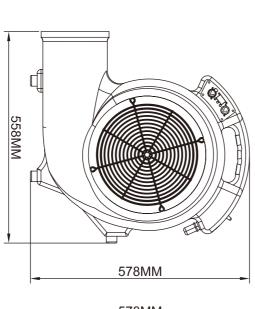- Do not allow for the vents to be obstructed.
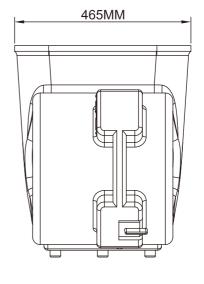
Unpacking and Inspection

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.
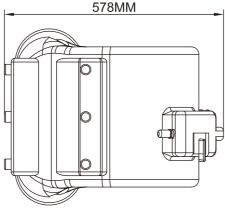
What is included: 1 x AF-5X / AF-5XR Special Effect Fan
                           1 x User Manual

Product Dimensions

Product Overview

Wind Speed Manual Control

LCD Display Control Panel

Air Inlet

Air Outlet

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: Connect the machine to suitably rated power supply. To determine the power requirement for the machine refer to the label on the machine.
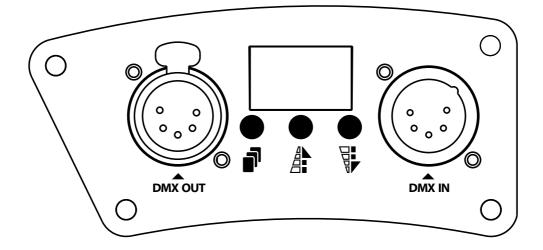
⚠ Always connect the machine to a protected circuit and ensure it is properly grounded to avoid risk of electrocution.

Step 3: AF-5X/AF-5XR will automatcilly turn on when connected to main power supply. The screen lights up and ready for operation.

Step 4: To turn off the machine, stop operation and unplug the power cord.

Control Panel Operation

The fixture can be operated with the onboard digital control interface.

Button	Function
[MENU]	Scroll through setting menu
▲ [UP]	Up
▼ [DOWN]	Down

*AF-5X / AF-5XR automatically memorize the setting after 5 seconds.

Control Menu

    Set DMX address from 1 to 512

    Turn on or off display auto shut off

    Turn on or off manual wind speed control

    Show software version

Wind Speed Manual Control

The wind speed of the fan can be adjusted in three steps using the rotary switch, the wireless remote control, or a DMX controller.

Manual Control Panel

Wireless Control：(AF-5XR Only)

DMX Section

At first, the wireless remote control must be registered with the machine.

When the fan is powered on, the LCD screen on the control panel will show ⟮PAr⟯ for about 15 seconds. Within this period, press button A on the remote control to register it with the machine. It'll show ⟮P⟯ when it's successfully registered.

It is possible to register up to 5 remote controls with a machine at the same time. When registered, a remote control can control an unlimited number of machines in parallel.

W-1 Wireless Remote Control

Button A on the remote control allows for incremental adjustment of the fan speed: first actuation: low → second actuation: medium → third actuation: high.
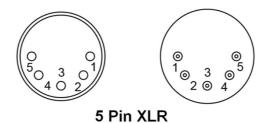
Button B stops the fan.

If your fan comes without a wireless remote, the wireless function is not available.

DMX Control：

DMX Connector Pin Assignment
The machine provides 5 pin XLR connectors for DMX connection. The diagram below indicates pin assignment information.

5 Pin XLR

Pin	Function
1	Ground
2	Data-
3	Data+
4	N/A
5	N/A

The machine uses one DMX channel for adjusting the fan speed.

DMX setting:

DMX value	Function
0~9	fan off
10~89	low speed
90~169	medium speed
170~255	high speed

DMX control will override both manual and wireless control functions.

RDM Control

The AF-5X/AF-5XR stage effects fan is RDM enabled. To enter RDM UID value, please hold [MENU] and ▼ [DOWN] button and connect to main power supply.

The LCD screen will show and flash 3 times and it'll be available to enter UID value from 1 to 999.

Service and Maintenance

Important! Smoke fluid residue, dust and any excessive particle residue will degrade product performance, cause overheating and damage fixture. Damages caused by inadequate cleaning or maintenance are not covered by product warranty.

Cleaning
- Unplug fixture from AC power before starting.
- Use vacuum or air compressor and soft brush to remove dust on components and vents.
- Clean fixture with a moist, lint-free cloth.
- Never use alcohol or solvents.

Technical Specifications

- Input voltage	US model : AC 100-120V, 50/60Hz 13A
	EU model : AC 220-240V, 50/60Hz 7.25A
- Rated power	1600W
- Ambient temp. range	0 °C - 40 °C (32 °F-104 °F)
- Air flow	1743 CFM (High)
	1567 CFM (Medium)
	1351 CFM (Low)
- Fan speed	1242 – 1480 rpm (AC 110V / 60Hz)
	1175 – 1289 rpm (AC 220V / 60Hz)
- Control	Manual, Timer, DMX 512
	Wireless (Optional)
- DMX channels	1 channel
- Connection	XLR 5-pin (DMX)
- Optional accessories	WTR-10 Wireless Remote (For AF-5XR Only)
	AF-5-HB Hanging Bracket
- Dimension	L 558 W 465 H 578 mm
	(L 21.97 W 18.31 H 22.76 inch)
- Weight	17.5 kg (38.58 lbs)

Please read and save these instructions

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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