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## Antari HZ-350

# Antari HZ-350 Haze Machine User Manual

Model: HZ-350 | Brand: Antari

## INTRODUCTION

Welcome to the user manual for your Antari HZ-350 Haze Machine. This document provides essential information for the safe and effective operation, setup, and maintenance of your new haze machine. The HZ-350 is designed to produce a fine, even haze effect, enhancing lighting and visual productions. It features an innovative LCD control panel for easy timer and DMX address settings, and includes wireless on/off control for flexible operation.

## IMPORTANT SAFETY INFORMATION

### WARNING!

- Always disconnect power before changing the fuse or performing any servicing.
- Use only with adult supervision.
- Do not operate the machine without haze fluid.
- For indoor use only. Keep the machine dry and away from moisture.
- The machine contains no user-serviceable parts inside. Refer all servicing to qualified personnel.

## PACKAGE CONTENTS

Please check the box to ensure all items are present:

- Antari HZ-350 Haze Machine
- Wireless on/off controller
- Power Cable
- User Manual (this document)

## PRODUCT OVERVIEW

The Antari HZ-350 Haze Machine is a robust unit designed for professional use. Its compact design houses powerful components for consistent haze output.



Image: Rear view of the Antari HZ-350 Haze Machine. Visible components include the LCD control panel with Timer and On buttons, DMX In and Out ports, a remote control input, the main power input with a red power switch, and a cooling fan. Warning labels and product information are also visible.

## Key Features

- Delivers up to 52 hours of non-stop haze with appropriate fluid levels.
- Easy-to-use built-in LCD control panel for direct settings.
- Wireless on/off controller is included for remote operation.
- DMX control allows for precise orchestration of timed discharges and integration into lighting systems.
- Designed for use with non-toxic, non-flammable haze fluid.

## SETUP

### Unpacking and Placement

1. Carefully remove the HZ-350 from its packaging.
2. Place the machine on a stable, flat, and heat-resistant surface. Ensure adequate ventilation around the unit, keeping at least 12 inches (30 cm) clear on all sides, especially around the fan.
3. Ensure the machine is placed in an area where the haze output will not obstruct emergency exits or fire detection systems.

### Fluid Installation

1. Locate the fluid reservoir cap on the top of the unit.
2. Unscrew the cap and carefully pour Antari Haze Fluid (or other compatible non-toxic, non-flammable haze fluid) into the reservoir. Do not overfill.
3. Securely replace the fluid reservoir cap.

## Power Connection

1. Ensure the power switch on the rear of the unit is in the 'OFF' position.
2. Connect the supplied power cable to the power input socket on the rear of the HZ-350.
3. Plug the other end of the power cable into a grounded electrical outlet (120 VAC for North America, 230 VAC for Europe).

## OPERATION

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### Control Panel Overview

The HZ-350 features an intuitive LCD control panel on the rear of the unit:

- **LCD Display:** Shows current settings, DMX address, and timer information.
- **Menu/Enter Buttons:** Used to navigate menus and confirm selections.
- **Up/Down Buttons:** Used to adjust values or scroll through options.
- **Timer Button:** Activates and sets the timer function for automated haze output.
- **On Button:** Manually triggers continuous haze output.

### Initial Power-Up and Warm-Up

1. Flip the red power switch on the rear of the unit to the 'ON' position.
2. The machine will begin its warm-up cycle. The LCD display will indicate when the machine is ready for operation (typically a few minutes).

### Wireless Control

The included wireless on/off controller provides convenient remote activation:

1. Ensure the wireless receiver is connected to the 'REMOTE CONTROL' input on the rear of the HZ-350.
2. Press the button on the wireless controller to toggle haze output on or off.

### DMX Control

For advanced control and integration with lighting systems, the HZ-350 supports DMX512 protocol:

1. Connect a DMX cable from your DMX controller's output to the 'DMX IN' port on the HZ-350.
2. If daisy-chaining multiple DMX devices, connect from the 'DMX OUT' port to the next device's 'DMX IN'.
3. Using the LCD control panel, set the DMX address for the HZ-350. Refer to your DMX controller's manual for specific programming instructions.
4. The HZ-350 typically uses 2 DMX channels: one for haze output intensity and another for fan speed (refer to the full DMX chart in the comprehensive manual for details).

## MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your HZ-350 Haze Machine.

### Cleaning

- Periodically clean the exterior of the machine with a soft, dry cloth.
- Ensure the cooling fan and vents are free from dust and debris to prevent overheating. Use compressed air if necessary.
- For internal cleaning of the fluid system, run a distilled water solution through the machine every 20-30 hours of operation, or before extended storage. Consult the full manual for detailed cleaning procedures.

### Fuse Replacement

**WARNING: Always disconnect the machine from the power supply before attempting to change the fuse.**

1. Locate the fuse holder next to the power input on the rear of the unit.
2. Using a small flathead screwdriver, gently pry open the fuse holder.
3. Remove the old fuse and replace it with a new fuse of the correct rating: 120 VAC / T7A or 230 VAC / T5A, as indicated on the unit.
4. Securely close the fuse holder.

## TROUBLESHOOTING

If you encounter issues with your HZ-350, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No haze output	No fluid in reservoir; Machine not warmed up; Clogged nozzle; Power issue.	Check fluid level; Wait for warm-up indicator; Perform cleaning cycle; Check power connection and fuse.
Weak haze output	Low fluid level; Incorrect fluid type; Partial clog.	Refill fluid; Ensure correct Antari haze fluid is used; Perform cleaning cycle.
Machine not powering on	Power cable disconnected; Blown fuse; Power outlet issue.	Check power cable connection; Replace fuse if blown; Test power outlet with another device.
DMX control not working	Incorrect DMX address; Faulty DMX cable; DMX controller issue.	Verify DMX address on HZ-350 and controller; Test DMX cable; Check DMX controller functionality.

If the problem persists after attempting these solutions, please contact Antari customer support or a qualified service technician.

## SPECIFICATIONS

Attribute	Value
Model Number	HZ-350
Brand	Antari
Item Weight	31.3 pounds (14.2 kg)
Package Dimensions	24.02 x 16.54 x 15.35 inches (61 x 42 x 39 cm)
Voltage	120 VAC or 230 VAC (model dependent)
Fuse	T7A (120 VAC) / T5A (230 VAC)
Number of Channels	2 (DMX)
Talking Range Maximum (Haze Output)	2000 Cubic Feet (approximate)
Color	Gray
Water Resistance Level	Not Water Resistant
International Protection Rating	IP54
Date First Available	February 19, 2013

## WARRANTY AND SUPPORT

The Antari HZ-350 Haze Machine comes with a manufacturer's warranty. Please refer to the warranty card included with your product for specific terms and conditions. For technical support, service, or inquiries regarding replacement parts, please contact Antari customer service through their official website or your authorized dealer. Do not attempt to repair the unit yourself, as it contains no user-serviceable parts and doing so may void your warranty.

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**Related Documents - HZ-350**

 	<p><a href="#">Antari Z-350 Fazer User Manual - Operation and Maintenance Guide</a></p> <p>Comprehensive user manual for the Antari Z-350 Fazer, detailing safety information, setup, operation, DMX control, fluid usage, maintenance, and technical specifications for the US market.</p>
 	<p><a href="#">Antari HZ-100 Haze Machine User Manual</a></p> <p>Comprehensive user manual for the Antari HZ-100 Haze Machine, covering setup, operation, safety precautions, maintenance, technical specifications, and warranty information.</p>
 	<p><a href="#">Antari FT-200 Fire Training Fog Machine User Manual</a></p> <p>Comprehensive user manual for the Antari FT-200 Fire Training Fog Machine. This guide covers essential safety information, unpacking and inspection, product overview, setup instructions, detailed operation modes (timer, volume, DMX, wireless), control panel functions, menu settings, fluid recommendations, maintenance procedures, breaker reset, and technical specifications.</p>
 	<p><a href="#">Antari FT-100 Fire Training Fog Machine User Manual</a></p> <p>Comprehensive user manual for the Antari FT-100 Fire Training Fog Machine, detailing setup, operation, safety precautions, maintenance, and technical specifications. Essential for fire training simulations.</p>
	<p><a href="#">Antari Fog Liquid (FLM-05S) Safety Data Sheet</a></p> <p>Comprehensive Safety Data Sheet for Antari Fog Liquid (FLM-05S), detailing product identification, hazard classification, composition, safe handling, storage, exposure controls, toxicological and ecological information, disposal, and regulatory compliance.</p>
 	<p><a href="#">Antari FT-70 Fire Training Fog Machine User Manual</a></p> <p>Comprehensive user manual for the Antari FT-70 Fire Training Fog Machine, covering safety, operation, maintenance, specifications, and troubleshooting. Includes details on wireless remote control and grounding instructions.</p>

