**MOKA SFX MK-F23**

# MOKA SFX MK-F23 1200W Silent Haze Machine User Manual

## INTRODUCTION

This manual provides detailed instructions for the safe and efficient operation, setup, and maintenance of your MOKA SFX MK-F23 1200W Silent Haze Machine. Please read this manual thoroughly before using the product to ensure optimal performance and longevity.

## SAFETY INFORMATION

Always adhere to the following safety guidelines to prevent injury or damage to the equipment:

- Ensure the machine is placed on a stable, level surface.
- Use only approved water-based haze fluid. Never use flammable substances.
- Keep the machine away from water and moisture.
- Do not block ventilation openings.
- Disconnect from power before cleaning or servicing.
- Keep out of reach of children and unauthorized personnel.
- Operate in a well-ventilated area.
- Avoid direct eye contact with the haze output.

## PACKAGE CONTENTS

Verify that all items are present upon unpacking:

- MOKA SFX MK-F23 Silent Haze Machine (in Flight Case)
- User Manual
- DMX Cable
- Power Cable
- Remote Controller

**Figure 1:** Included accessories with the MOKA SFX MK-F23 Silent Haze Machine.

## PRODUCT OVERVIEW

The MOKA SFX MK-F23 is a 1200W silent haze machine designed for professional stage, DJ, and theater applications. It features a durable flight case for portability and protection, a 5-liter fluid tank, and multiple control options.

**Figure 2:** Rear view of the MOKA SFX MK-F23 Silent Haze Machine.

# Key Components:

**Figure 3:** Function Display of the MOKA SFX MK-F23.

1. **LCD Display:** Shows current status, temperature, and menu options.

2. **Breaker:** Power protection switch.

3. **Power In:** Connection for the main power cable.

4. **Fog Outlet:** Where the haze is emitted. Features a 45-degree adjustable angle.

5. **3-pin DMX Interface:** For DMX control input and output.

6. **5-pin DMX Interface:** For DMX control input and output.

**Figure 4:** Adjustable Fog Outlet.

## Additional Features:

- **Silent Operation:** Designed for minimal noise, suitable for environments requiring quiet performance.
- **Fast Heating:** Quick warm-up time for immediate use.
- **High Output:** Produces up to 15,000 cubic feet per minute of smooth haze.
- **Multiple Control Modes:** Supports DMX512, remote control, and manual panel operation.
- **Efficient Maintenance:** Features liquid-free protection and a self-cleaning function to prevent clogging and prolong service life.
- **Integrated Flight Case:** Provides robust protection and easy transport.

**Figure 5:** Key features of the Silent Haze Machine.

**Figure 6:** Haze output demonstration.

**Figure 7:** Available control modes.

**Figure 8:** Efficient maintenance features.
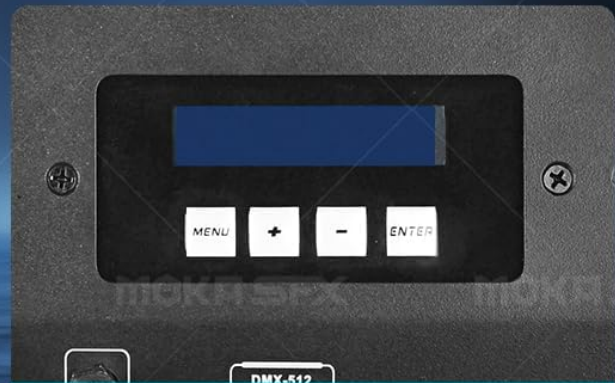
**Figure 9:** Detailed components.

## SETUP

Follow these steps for initial setup:

1. **Unpack and Position:** Carefully remove the haze machine from its packaging. Place it on a stable, flat surface in the desired operating location. Ensure adequate ventilation around the unit.

2. **Fill Fluid Tank:** Open the fluid compartment. Remove the 5L fluid tank and fill it with MOKA SFX approved water-based haze fluid. Securely close the tank and place it back into the machine. Connect the snap-in catheter to the fluid tank.

3. **Connect Power:** Plug the power cable into the machine's power input and then into a suitable electrical outlet.

4. **Warm-up:** Turn on the machine. The LCD display will show a warm-up status. Allow approximately 3 minutes for the machine to reach operating temperature. The display will indicate "Ready" when warm-up is complete.

5. **Mounting (Optional):** If mounting the machine, use the provided mounting brackets and bolts. Securely attach the brackets to the machine and then to a truss or other stable structure. Ensure all connections are tight and secure.

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**Video 1:** Steps for usage, including fluid loading, power connection, and warm-up (0:00 - 1:37).

## OPERATING INSTRUCTIONS

The MOKA SFX MK-F23 offers several control methods:

### 1. DMX Control:

Connect your DMX controller to the machine using a DMX cable (3-pin or 5-pin). Set the DMX address on the machine's control panel according to your lighting setup. Refer to your DMX controller's manual for specific programming instructions. The machine typically uses 3 DMX channels for control over haze output and fan speed.

### 2. Remote Control:

The included wireless remote allows for convenient operation. Ensure the remote is paired with the machine. Use the buttons to start/stop haze output and adjust the volume. The remote pairing function helps avoid interference.

### 3. Manual Control:

Use the buttons on the machine's LCD control panel to manually adjust settings. This includes timing and quantitative functions for precise haze output.

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**Video 2:** Operating the haze machine via DMX control, remote control, and manual panel (1:38 - 2:09).

## MAINTENANCE

Regular maintenance ensures optimal performance and extends the lifespan of your haze machine.

### Self-Cleaning Function:

The machine is equipped with a self-cleaning mode. After each use, it is recommended to activate this function to prevent oil residue from clogging the heating rod. This process typically takes about 6 seconds. Consult the LCD display menu for instructions on initiating the self-cleaning cycle.

### Liquid-Free Protection:

The machine includes a liquid-free protection feature to prevent damage if the fluid tank runs empty. This protects the pump and heating element from dry running.

### Storage:

When not in use, store the machine in its flight case in a cool, dry place. Ensure the fluid tank is either empty or securely sealed to prevent leaks.

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**Video 3:** Demonstrating the self-cleaning function (2:09 - 2:10).

## TROUBLESHOOTING

If you encounter issues, refer to the following common problems and solutions:

| Problem | Possible Cause | Solution |
|---|---|---|
| No haze output | No fluid in tank, machine not warmed up, clogged nozzle, power issue. | Check fluid level, wait for warm-up, run self-cleaning cycle, verify power connection. |
| Weak haze output | Low fluid level, partially clogged nozzle, incorrect settings. | Refill fluid, run self-cleaning, adjust output settings on control panel or DMX. |
| Machine not responding to DMX/Remote | Incorrect DMX address, faulty cable, remote not paired, remote battery low. | Verify DMX address, check DMX cable connections, re-pair remote, replace remote battery. |
| Unusual noise or smell | Internal component issue, incorrect fluid. | Immediately power off and disconnect. Contact customer support. Ensure only approved fluid is used. |

If the problem persists after attempting these solutions, please contact MOKA SFX customer support.
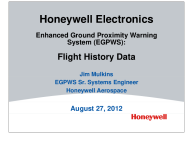
## SPECIFICATIONS

| Feature | Detail |
|---|---|
| Model | MK-F23 |
| Power | 1200W |
| Voltage | AC 220-240V (or 110-120V depending on region) |
| Material | Aluminum |
| Color | Black |
| Product Dimensions | 12"L x 17"W x 23"H (approx. 30.5cm L x 43.2cm W x 58.4cm H) |
| Item Weight | 38.4 pounds (approx. 17.4 kg) |
| Fluid Tank Capacity | 5 Liters |
| Control Modes | DMX512, Remote Control, Manual Panel |
| Haze Output | Up to 15,000 CUFT/Min |
| Warm-up Time | Approx. 3 minutes |

## WARRANTY AND SUPPORT

MOKA SFX products are designed for reliability and performance. For warranty information, technical support, or service inquiries, please refer to the contact details provided with your purchase documentation or visit the official MOKA SFX website. Please retain your proof of purchase for warranty claims.

## Related Documents - MK-F23

[Showven Circle Flamer II User Manual](#)

This user manual provides comprehensive instructions for operating and maintaining the Showven Circle Flamer II. It covers safety precautions, technical specifications, operation procedures, maintenance, and troubleshooting.

[MAGICFX SFX SAFETY ARM CONTROLLER User and Installation Manual](#)

Comprehensive user and installation manual for the MAGICFX SFX SAFETY ARM CONTROLLER (MFX3220), detailing its features, safety guidelines, installation procedures, operation, maintenance, and troubleshooting for professional event use.

[Cooler Master MasterBox NR200 PC Case Assembly Guide](#)

Comprehensive assembly guide for the Cooler Master MasterBox NR200 PC case, detailing component installation, compatibility, and warranty information.

[Honeywell EGPWS Flight History Data and NVM Investigations](#)

An overview of Honeywell's Enhanced Ground Proximity Warning System (EGPWS) and its Flight History Data, detailing its capabilities, limitations, and retrieval. It also covers Non-Volatile Memory (NVM) in aviation investigations, including engine control data and handling precautions.

[Haiku Ceiling Fan Installation Guide](#)

This guide from Big Ass Fans details the installation of Haiku ceiling fans, covering universal and low-profile mounts, safety, wiring, and troubleshooting for optimal home comfort.

[Haiku Installation Guide](#)

This guide provides detailed instructions for the installation of the Haiku ceiling fan, covering both Universal Mount and Low Profile Mount options. It includes specifications, safety precautions, and step-by-step procedures for assembly and mounting.