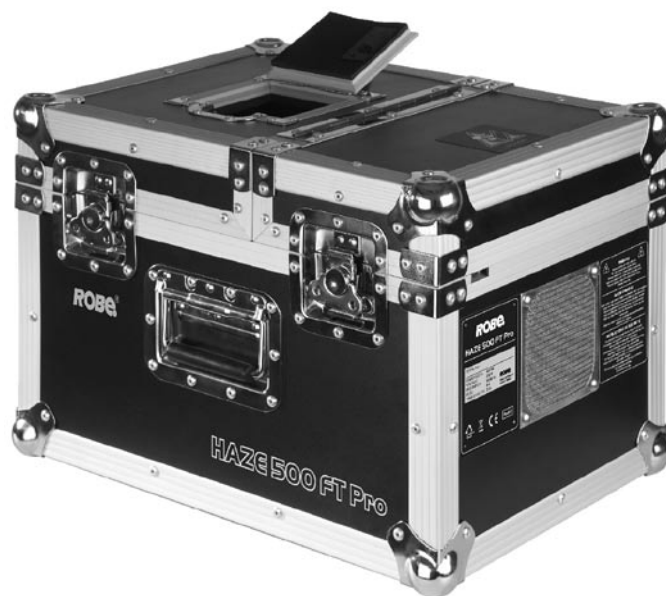


# HAZE 500 FT PRO



**USER MANUAL**

Version: 1.2

**FTseries**



# HAZE 500 FT PRO

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## Table of contents

1. Introduction	4
2. Cautions	4
3. Unpacking & Inspection	5
4. Operation and filling Haze liquid	5
5. Control panel operation	5
6. Maintenance and storage	6
7. Technical specifications	7

## 1. Introduction

Thank you for choosing an ROBE HAZE 500 FT PRO. You now own a rugged and powerful state-of-the-art machine. 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 ROBE HAZE500 FT PRO machine for years to come.

Please follow these operation, safety and maintenance instructions to ensure a long and safe life for your fog machine.

## 2. Cautions

### ***Risk of electric shock.***

***Disconnect the appliance from the electric supply before removing the cover.***

Keep this device dry.

For inside use only. Not designed for outside use.

Prior to use take care to determine that the unit is installed at the rated voltage.

Always unplug your ROBE HAZE Machine before filling its tank.

Keep fog machine upright.

Unplug the machine when not in use.

This machine is not water - or splash-proof. If moisture, water, or fog liquid gets inside the housing, immediately unplug the unit and contact a service technician or your ROBE distributor before using it again.

### ***Danger of Burn***

No user serviceable and modifiable parts inside. Do not disassemble the housing and do any modification; otherwise damage of the device or danger of burn may be caused.

For adult use only. Hazer must be installed out of the reach of children. Never leave the unit running unattended.

Position the haze machine in well-ventilated area. Please leave about 20cm spaces surrounding the machine.

Never aim the machine at open flames or close to flammable items.

Never add flammable liquids of any kind (oil, perfume, gas) to the hazer liquid.

Use only distributor recommended ROBE high-quality hazer liquid. Please do not use any other liquid which may cause erosion of inner parts.

If your Haze 500 FT Pro fails to work properly, stop using immediately. Drain all hazer liquid from the tank, pack the unit securely ( preferably in the original packing material) , and return it to your ROBE distributor for service.

Please note before sending the machine for transporting purpose, make sure the haze fluid tank is empty.

Never drink haze liquid. If it is ingested, call a doctor immediately. If hazer liquid comes in contact with skin or eyes, rinse thoroughly with water

***Pay attention to all warning labels and instructions printed on the exterior of your HAZE 500 FT PRO***

### 3. Unpacking & Inspection

Open the shipping carton and verify that all equipment necessary to operate the system has arrived intact. Before beginning initial setup of your ROBE Fog Machine, make sure that there is no evident damage caused by transportation. In the event that the unit's housing or cable is damaged, do not plug it in and do not attempt to use it until after contacting your ROBE distributor for assistance.

### 4. Operation and filling Haze liquid

1. Place the unit on a flat surface. Plug power cord into a grounded electrical outlet.
2. Remove the fluid tank cap and pour the Robe Haze liquid into the tank slowly and carefully. Fill with only an original liquid recommended by ROBE distributor. (Filling suggestion: please add 2 litres haze liquid in the first time of refill. Since second refill, add 1 litre haze liquid for every refill). Make sure the liquid level does not exceed the mark on the tank.
3. Please refill haze liquid slowly. Otherwise, the haze liquid may overflow and damage machine. Basically, every refill process of 1-litre haze liquid must be separated into 5 times. It means after refilling about 200c.c. haze liquid you have to stop refilling and check the tank. (Usually it takes about 10 seconds for 200 c.c. haze liquid to go through the filter).
4. Please open the square door on the top of the flightcase before operation in order to let the haze come out smoothly.
5. Set the power switch to "ON" on the control panel of the machine. Make sure to that the red indicator light is on.
6. There is an intake hole in the back of the flight case. There are a metal net and a filter attached on the intake, which can avoid the unit from clogging problem. Please inspect and clean the metal net and filter periodically.

#### WARNING:

- Use of any liquid other than original liquid recommended by ROBE distributor or modification or attempted to unauthorized repair of the HAZE500 FT PRO will immediately invalidate the warranty.
- Always monitor and make sure there is sufficient haze liquid inside the tank during operation.
- When the machine is operated for a longer period of time under open-air conditions, falling dust/debris might attach to the metal net and filter on the intake hole. The metal net and filter is serviceable, which means those can be detached easily by screw driver. Please use water to clean the metal net and periodically. By doing this can avoid dust going into the hazers and prevent the clogging problem of hazers.
- If you have followed the above operation steps, and you still experience low output, mechanical noise or no output at all, unplug the unit immediately from the mains. Check the fluid level, the external fuse and the power cable from the wall. If all of the above appears to be OK, plug the unit in again. If the hazer still does not function, discontinue operation or it may result in permanent damage to the unit.
- Please detach the cap on the tank if you want to clean the cap. Do not wipe directly when the cap is attached on the tank. By doing this you can avoid the dust fall into the fluid tank and contaminate the haze liquids.
- Please do not allow magnetic equipments to be close to the haze outlet door of hazer. Magnetic equipment could cause wrong action of the door sensor

### 5. Control panel operation

There are 6 buttons on the control panel :



Function -button:



Up/Down - button



Timer- button











Volume- button









## Manual-button




The function and operation of the controller is as following:




1. When switching the Haze 500 FT PRO on, the characters ,Ready To Haze, will be displayed on LCD screen Pressing the  button once can activate the hazer and the LCD screen will display “Working”. Press the  button again will cease hazing and the LCD screen will display “Ready To Haze”. Under Ready To Haze mode, to keep pressing the  button can make the hazer produce haze (LCD screen shows “Working”) while releasing the  button will stop hazing (LCD screen shows “Ready To Haze”), Finally , under this mode, press  button , the timer will be triggered.

2. When the unit is under Ready To Haze state , press the  button once, the LCD screen shows Interval Set. Use the  and  button to adjust the interval of timer, which can be set from 1 to 200 seconds.

3. When the unit is under Ready To Haze state , press the  button twice, the LCD screen shows Duration Set. Use the  and  button to adjust the duration of timer, which can be set from 1 to 200 seconds.

4. When the unit is under Ready To Haze state , press the  button three times, the LCD screen shows DMX 512. Use the  and  button to adjust the DMX address, which can be set from 1 to 512. (Note 1)

5. When the unit is under Ready To Haze state , press the  button four times, the LCD screen will show DOOR SENSOR ON. It means that the sensor on the hazer outlet door is activated. At this state, press the  button to switch off the function of this sensor. After switching off the door sensor, DOOR SENSOR OFF will be shown on the LCD screen. Press the  button to switch on the sensor again. (Note 2).

6. When the unit is under Ready To Haze state , press the  button five times, the LCD screen shows Direct Haze. The unit can enter Direct Haze mode by pressing the  button once. Under this mode, hazer can start to produce haze directly by switching on the power. When the unit is in this mode, the LCD screen will flicker slowly. When LCD screen shows Direct Haze by pressing the  button once can leave Direct Haze mode. After leaving this mode, the LCD screen will stop flickering.

**Note 1:** The control of the master unit will override the control of the panel controller when connecting the haze machine via DMX.

**Note 2:** When the hazer is under “DOOR SENSOR ON mode, if the haze outlet door is not opened properly, and user try to make the hazer work, the buzzer will beep to warn and “DOOR CLOSED!!” will be shown on the flickering LCD screen and hazing working will be stopped until the door is open firmly. On the other hand, if hazer is under “DOOR SENSOR OFF” mode, above situation will not occur.

**Never mix oil-based and water-based hazer liquids. Before switching the kind of hazer liquid in use, completely drain the hazer’s tank to avoid mixing.**

## 6. Maintenance and storage

### **DANGER !**

***Disconnect from the mains before starting any maintenance work!***

Do not allow the fog liquid to became contaminated. Always replace the caps on the fog liquid container and the fog machine liquid tank immediately after filling. Do not operate the fog machine without liquid at any time. Clean with a dry cloth only. Store dry. Cleaning your fog machine regularly will help reduce costly replacement and repair charges.

## 7. Technical specifications

<b>Power :</b>	230/240V AC, 50-60 Hz ; ( or 100 /120 V AC, 50-60 Hz optionally)
<b>Power consumption:</b>	500 W
<b>Tank capacity:</b>	2.5 Liter
<b>Output:</b>	3.000 cu.ft/Min.
<b>Liquid used:</b>	Premium Haze
<b>Fluid cons. rate:</b>	20Hrs./Liter
<b>DMX connection:</b>	5-pin XLR male/female
<b>Dimensions (mm):</b>	L 490 x W 351 x H 338 mm
<b>Weight (empty tank):</b>	31.5 kg

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*Specifications are subject to change without specification*