ROBE.

Faze 1050 FT

USER MANUAL

Version: 1.2

FT series

Faze 1050 ^{FT}

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1. Introduction

Thank you for choosing an ROBE Faze 1050 FT. 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 Faze 1050 FT 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.*

Note: There are no user serviceable parts inside.

> *Danger of electric shock*

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 Fog 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.
No user serviceable parts inside. Refer to your ROBE distributor or other qualified service personnel.

> *Danger of Burns*

For adult use only. Never leave the unit running unattended.
Never aim the output nozzle directly at people.
Fog machine output area is very hot. Avoid coming within 60 cm of the output nozzle during operation.
Locate the fog machine in a well-ventilated area. Never cover the unit's vents. In order to guarantee adequate ventilation, allow a free air space of at least 30 cm around the sides and top of the unit.
Never aim the output nozzle at open flames.
If the supply cord is damaged, it must be replaced by manufacturer or its service agent or similarly qualified personnel in order to avoid a hazard.
The output nozzle becomes very hot during operation. Keep flammable materials at least 50 cm away from the nozzle.
Always allow your Faze 1050 FT to cool down before attempting to clean or service it.

> *Danger of Explosion*

Never add flammable liquids of any kind (oil, gas, perfume) to the fog liquid.
Use only original liquid recommended by ROBE distributor. Other fog liquids may cause clogging or "spitting".
Always make sure there is sufficient liquid in the fog liquid tank. Operating this unit without liquid will cause damage to the pump as well as over-heating of the heater.
If your ROBE Fog Machine fails to work properly, discontinue use immediately. Drain all fog liquid from the tank, pack the unit securely (preferably in the original packing material), and return it to your ROBE distributor for service.
Always drain tank before mailing or transporting this unit.
Never drink fog liquid. If it is ingested, call a doctor immediately. If fog 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 Faze 1050 FT*

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. Setup

1. Remove all packing materials from shipping box. Check that all foam and plastic padding is removed, especially in the nozzle area.
2. Place fog machine on a flat surface and remove fog liquid tank cap.
3. Fill with only an original liquid recommended by ROBE distributor.
Other liquids may cause spitting and serious clogging problem and could result in the production of an un-healthful fog. The use of other liquids voids the warranty of the Faze 1050 FT. When filled, place cap back on liquid tank.
Firmly attach the control module cable to the connector inside the rear chamber of the machine.

WARNING:
Use of any liquid other than original liquid recommended by ROBE distributor or modification or attempted to unauthorized repair of the Faze 1050 FT will immediately invalidate the warranty.

5. Operation

1. The plug is at a position that is accessible when the machine in use.
2. Plug power cord into a grounded electrical outlet. Turn power switch on rear of unit to "ON" position. Warm-up is complete after approx. 10 minutes when the display on control module shows "Ready to Fazer."
3. To emit fog, please set desired settings on the control module for interval, duration and press the ⬚ ⬚ appropriate button on the control module for desired length of time.
4. The control unit's display will cycle "Warming up" and "Ready to Fazer" while the machine re-heats to the proper operating temperature.
5. When the liquid is running low, the LED inside the tank chamber starts blinking for two minutes and then stop operation to protect the pump from running dry.
6. The „ Fanleaf" design can be adjusted by the pump-type screws on both sides to position the faze output angle. In general, the haze produced from this machine is semitransparent due to fan spread. Thus , it is best to position it on the low ground and let it produce haze upwardly to have ideal coverage.
7. For further information on operating your Faze 1050 FT, see the section titled, "Control Module Operation" on page 6.

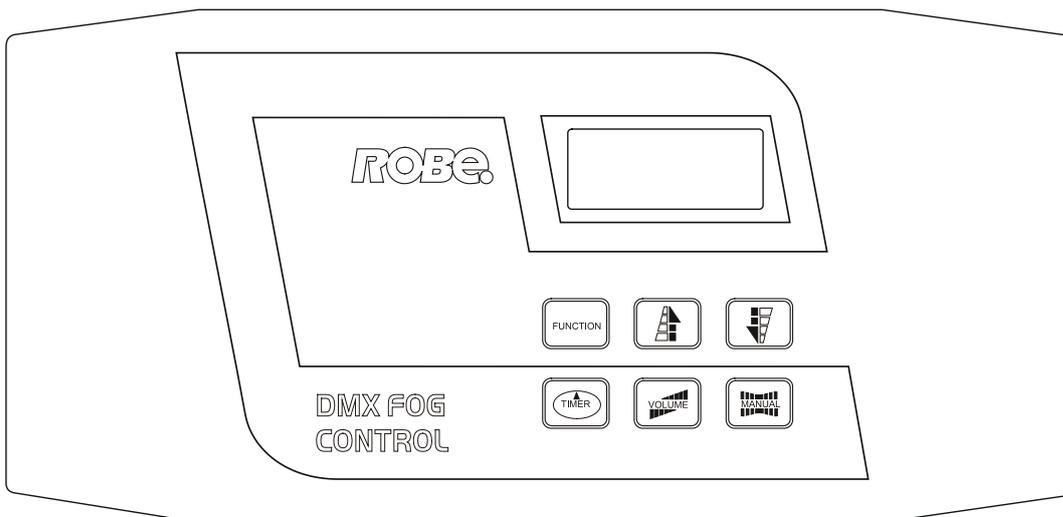**Caution**: "Visibility during operation is reduced"

Important!
Always monitor tank liquid level as you are fogging.
Running a fog machine with no liquid can permanently damage the unit.

If you experience low output, pump noise or no output at all, unplug immediately. Check fluid level, the external fuse, control module connection, and power from the wall. If all of the above appears to be O.K., plug the unit in again. If fog does not come out after holding the ⬚ button down for 30 seconds, check the hose attached to the tank to make sure there is liquid going through the hose. If you are unable to determine the cause of the problem, do not simply continue pushing the control module button, as this may damage the unit. Return the machine to your ROBE distributor immediately.

5.1. Control Module Operation

DMX Fog Control panel:

1. [FUNCTION] Function -button:
   - -Interval Set
   - -Duration Set
   - -Timer Out
   - -Volume Out
        - -Nonstop Burst
   - -DMX 512 Add
   - -Fan Speed
   - -Heat and Fan

2. [▲] [▼] Up/Down button

3. [TIMER] Timer- button

4. [VOLUME] Volume- button

5. [MANUAL] Manual-button

Wired multi-function remote control module with 5-pin XLR connector for ROBE Faze 1050 FT. Its interface allows the operator to customize fog machine functions by adjusting fogging duration, interval and volume. Its LCD displays current operating parameters, which are automatically stored in non-volatile memory, allowing the machine to be powered down without losing function settings.
See instructions below:

1. Via the [FUNCTION], you can adjust the desired settings in the sub-menus. After pressing the [FUNCTION] once, the display shows INTERVAL SET. Adjust the interval between each fog emission (within the range of 1 to 200 seconds with the [▲] [▼] buttons. By pressing the [FUNCTION] twice, the display shows DURATION SET. Adjust duration of each fog emission (within the range of 1 to 200seconds) with the [▲] [▼] buttons. By pressing the [FUNCTION] the 3rd time, the menu TIMER OUT is displayed; you can adjust the output volume with the [▲] [▼] buttons. Pressing the [FUNCTION] again to enter the next menu, VOLUME OUT. Under this menu, you can set the fog output in % for the VOLUME function. Additionally, if you press 1 unit [▲] beyond value 100% or 1 unit [▼] below 1% you can then activate continuous fogging with the sub-menu NONSTOP BURST.By pressing the [FUNCTION] again, the menu DMX 512 ADD appears. This refers to adjusting the DMX address for DMX control or synchronization. Adjust the desired DMX address with the [▲] [▼] buttons. By pressing the [FUNCTION] again, you will see [▲] [▼] appearing with LOW>HI on the screen. You can adjust the fan speed by [▲] [▼] key. Pressing the [FUNCTION], the sub-menu HEAT AND FAN OPEN appears where in this sub-menu you can select whether you wish to have the heater and fan turn [▲] [▼] accordingly. In this sub-menu screen, you can

have the heater and fan turn on or off by pressing [⊞]

2. Press the [TIMER] button to activate the timer function according to the parameters set in the [FUNCTION] sub-menus. The display shows the adjusted interval and the device counts the seconds down to „0". After that, the fog emission is triggered at the volume adjusted under sub-menu in TIMER OUT.
The duration depends on the settings adjusted under menu DURATION SET. If you wish to deactivate the timer function, press the main [TIMER]. button once more.

3. Press the [VOLUME] button for immediate triggering of the fog emission at the volume adjusted under menu VOLUME OUT. Press the [VOLUME] button once more in order to stop the fog emission.

4. Keep the [⊞] button pressed for immediate triggering of the fog emission at 100% volume. This function overrides all other functions in action. Release the button in order to stop the fog emission.

On-Board DMX module settings

There are 3-pin and 5-pin male/female DMX control sockets located at the rear panel of the machine.
The Faze 1050 FT has on-board DMX control . This model uses two channels to control Volume output and Fan speed. Whatever channel you select on the unit , the channel next to it will automatically be selected for fan volume control. The Faze 1050 FT has three fan speeds: Slow, Medium, and Fast. If the machine was assigned to the DMX address 124 e.g. channel 124 will corresponds to DMX address 124 and channel 125 will automatically be selected for fan control.
Please note: Your Faze 1050FT and its liquid tank and tube were thoroughly tested and cleaned. When operating the unit for the time, please press the button [⊞] for 3 to 5 seconds to let the unit circulate. Please do not try to set the timer function on your first operation. In addition, it is normal for machine to produce some pumping sound for about 3 to 5 seconds. After the machine is operating smoothly you can start to set the desired operating functions. In future, it is strongly recommended to empty the liquid tank before transporting and follow the methods mentioned above for machine circulation after each transportation.

DMX protocol:

Channel	Value	Function
1	0 - 5 6-255	**Volume control** Off Volume control from min. to max.
2	0 - 85 86 - 170 171 - 255	**Fan speed** Slow Medium Fast

6.Configuration the pump power for local AC power.

The device pump is factory configured for 230V/50Hz.If your AC power is different,the pump power can be configured for the local voltage using the follow procedure:

1. Press the [FUNCTION] button and turn on the machine at the same time.
2. Continue to press the [FUNCTION] for about 5 sec.
3. „ROBE" logo will appear on the display and after that message „Voltage change"
4. press the [VOLUME] button.
5. The current voltage will appear on the display.Use [▲] and [▼] buttons to choose the one you need:
6. Presss Enter Key after chosen the voltage
7. The main screen will appear on the display

7. Maintenace 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.

Note: All fog machines are prone to clogging due to the thick consistency of fog liquid and the high temperature at which it vaporizes.It is strongly recommended that after 40 hours of operation, do regular maintenance and services. A properly maintained fog machine should provide years of reliable use.

It is strongly recommended to test-run machine on a monthly basis in order to achieve its best fogging condition. A test-run consists of warming up the machine followed by a few minutes of emission. Then please cool down the machine.

After every 40 hours of continuous operation, it is recommended to run a cleaning solution composed of 80% distilled water and 20% ACETIC ACID through the system to prevent the accumulation of particulate matter in the heating element.

The recommended cleaning regimen is as follows:

1. Empty all fog liquid from the machine. Add cleaning solution to tank. Plug unit in and begin warm up.

2. Run the unit in a well-ventilated area until the tank is almost empty. Do not allow the pump to run dry.

3. Cleaning is now complete. Refill with fog liquid. Run the machine briefly to clear any cleaning solution from the pump and heater.

4. Do not operate the fog machine without liquid at any time.

8. Performance notes

It is recommended that you set the Fan output at 100% and Fog Volume output at 15-20%. With such setting, you will have continuous output of very fine haze effect

Whenever enormous effect is required, press Manual key to emit fog at 100% output instantly.

9. Technical specifications

Power :	230/240V AC, 50-60 Hz ; (or 100 /120 V AC, 50-60 Hz optionally)
Fuse:	5A @ 230V, 10A @ 120V
Heater:	1,000W
Tank capacity:	2.4 Liter
Output:	3.500 Cu.ft/Min.
Liquid used:	Standard Fog/Performance Fog/Premium Fog
Heat Up time:	10 min.
Fluid cons. rate:	45 Min/Liter (100% output) 2Hrs./Liter(30% output)
DMX connection:	3-pin and 5-pin XLR male/female
Dimensions (mm):	L 635 x W 275 x H 281 mm
Weight (empty tank):	18 kg

The shipping carton should include the following items:
1x Faze 1050 FT
1x Control module
1x Fluid tank

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Specifications are subject to change without specification