

Hybrid

HH3000

**PROFESSIONAL
STAGE HAZE EFFECT**



USER MANUAL

WELCOME

Congratulations on the purchase of your HH3000 Hybrid Haze machine, engineered and designed by Hybrid.

PRODUCT DESCRIPTION

The HH3000 is a flight case design Haze machine. The HH3000 is a powerful and easily portable Haze machine, it reduces maintenance costs and creates a professional stage Haze effect.

Features:

- The HH3000 is a quiet machine, which is suitable for reduced noise environments, with a noise level of $\pm 70\text{dB}$
- The HH3000 has a long operating time.
- The HH3000 produces refined and dry Haze.
- Low Haze fluid consumption. 1L of liquid can be used for 20 hours.
- The HH3000 has an adjustable fan for both the angle and speed.
- This machine has a leak proof bottle, that keeps the contents intact when transporting.
- The HH3000 comes with a wireless remote control, that covers a distance of 150m.
- Haze output is not adjustable.

NOTES BEFORE USE

1. Place the Haze machine horizontally, and check whether it is damaged or not. If damaged please contact the supplier at once. Unscrew the lid of the oil tank and pour in the Hybrid Haze liquid, and then fasten the lid.
2. Before putting the power on, please verify that the power supply adheres to the rated voltage of the Haze machine. The power supply should be connected to the ground socket. When power is on, the indicator light will turn on, and the Haze machine will begin to work. Connect the machine to the different controllers for different functions.
3. Initially, it is normal for the Haze machine to create some Haze or steam.
4. Place the Haze machine in a ventilated area, one may run the risk of the temperature fuse over-heating and bursting, if kept in a confined area.
5. Place the Haze machine on the ground in a horizontally position. The Haze machine should keep a minimum of 50cm radius away from people. Keep away from children, fire, as well as flammables and explosive materials. Keep nozzle within a 40cm radius to prevent scalding.
6. Continue adding liquid to avoid damage to the Haze machine's pump and heater. Turn off the power before adding liquid as overflowing may cause a short-circuit.
7. In the event of:
 - haze finishing
 - there is noise from pump
 - or the machine stops producing haze, please disconnect the power at once, and check the liquid deposit, fuse, cable and power plug. If the problem is still not solved, please contact the supplier.
8. Keep away from children. Do not add flammables such as oils or gas. Do not touch the wire when the machine is running.
9. Moisture may collect around the nozzle of the machine. There may be some excess liquid emitted from any Haze machine during activity or after shut down.
10. Please make sure there is no liquid and metals inside machine before turning on the power each time. Do not modify or repair the machine by yourself.

If there is any problem, please contact the supplier.

INTRODUCTION

Important environmental information about this product:

- The symbol on this device indicates that disposal of the device after life-cycle could harm the environment.
- Do not dispose of the device (or batteries) as unsorted municipal waste; it should be taken to a specialised company for recycling.
- This device should be returned to your distributor or to a local recycling service.
- Respect the local environmental rules.
- If in doubt, contact your local waste disposal authority.

Thank you for choosing this machine. If the device was damaged in transit, do not install or use, contact your dealer.

SAFETY INSTRUCTIONS

- Be very careful during the installation: touching live wires can be life-threatening.
- Do not touch the device during activity as the casing heats up.
- Keep this device away from rain and moisture.
- Unplug the main lead before opening the casing.
- Damage caused by disregarding certain guidelines in this manual, is not covered by the warranty and the dealer will not accept responsibility for any deformity or problem.
- It is recommended that a qualified technician do the installation and service of this device.
- Do not switch the device on immediately after it's temperature has been changed. Avoid damage by leaving it switched off until it has reached room temperature.
- This device falls under protection CLASS 1. Have a qualified technician carry out the electrical connection.
- Make sure that the electrical supply voltage does not exceed the voltage stated in the specifications of this manual.
- Do not pinch the power cord. Have an authorised dealer replace it of necessary.

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- Disconnect the device from the electrical supply to clean it. Alternatively clean the smoke machine when it is not in use. Handle the power cord by the plug only.
- Do not switch the device on immediately after it has been exposed to extreme temperature changes. Protect the device against damage by leaving it switched off until it has reached room temperature.
- Note that damage caused by user modification to the device is not covered by the warranty.
- Keep the device away from children and unauthorised users.

GENERAL GUIDELINES

- This device is designed for professional use on stages, in clubs, theaters, etc. The device should only be used indoors with an alternating current of max 230V AC / 50Hz.
- Do not shake the device. Avoid force when installing or operating the device.
- Select a location where the device is protected against extreme heat, dust and moisture.
- Familiarize yourself with the function of the device before actually using it. Do not allow operation by unqualified people. Any damage that may occur is the user's responsibility.
- Use the original packaging if the device is to be transported.
- All modifications of the device are forbidden for safety reasons.
- Only use the device for its intended purpose. All other uses may lead to short circuits, burns, electric shocks, etc. Using the device in an unauthorised way will void the warranty.
- This device is not suited for permanent operation. Frequent activity breaks will protect the lifespan of your Haze machine.

INSTALLATION GUIDELINES

- Have the device installed by a qualified person, respecting EN 60598-2-17 and all other procedures.
- Install the device in a location with little traffic and that is inaccessible to unauthorized persons.
- Make sure there is no flammable material within a 50cm radius of the device.
- Connect the device to the main electrical supply with the power socket.
- The installation needs to be approved by an expert before the device is active or taken into service.

TECHNICAL SPECIFICATIONS

Model	HH3000
Voltage	220V AC / 50Hz
Power	750W
Current-limited safety device	5A at 220V or 10A at 120V
Smoke output	3 000Cu ft/min
Capacity of haze fluid tank	3.2L
DMX	2ch
Adjust the fan speed	Supported
Adjust the fan angle	Supported
Wireless Controller	Supported
Gross weight	34.92kg
Packaging	485 x 365 x 240mm (including flight case)

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USE

HH3000 Operation

- ▀ Place the Haze machine on a dry flat surface.
- ▀ Add liquid carefully to the tank, and do not overfill. This device only uses Hybrid HZL -1 and HZL - 2
- ▀ HZL-2 is higher density than HZL-1.
- ▀ Plug the power cord into an electrical supply.
- ▀ The device will take a couple of minutes to warm up. During this time the machine cannot generate Haze.

WIRELESS CONTROL INSTRUCTION

- ▀ There are two icons on the wireless controller.



“Lock”

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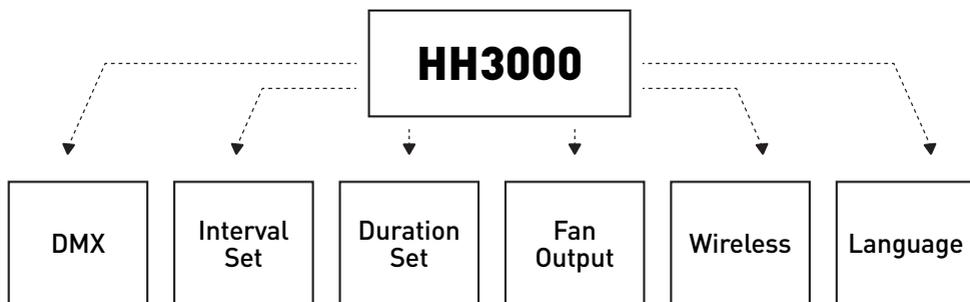
Starts smoke



“Unlock”

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Stops smoke



- Once smoke machine has been turned on, the display board will show the words “read” as well as the model of the machine.
- Press the “Menu” button to choose your preferred setting.
- The DMX control setting on this machine uses 2 channels. One for smoke output and the other for the fan output.
- Interval set: 1 - 255 seconds
- Duration set: 1 - 255 seconds
- Fan output: 1% to 100%
- Language: English and Chinese
- Attention: The HH3000 will automatically exit and save the data, after 10 seconds of it being idle.

PRODUCT WARRANTY INSTRUCTIONS

The warranty card and purchase invoice is required as Hybrid / distributors will require documentary evidence when a warranty service is needed. Please keep your warranty card in good condition.

Instructions:

- ▀ Warranty period: maintenance free for one year (The warranty is valid from the date of purchase.)
- ▀ If the product does not use Hybrid liquid, the warranty period will be shorten to three months. The cost of replacing spare parts will be the responsibility of the user.

The warranty is void when:

- ▀ The device has been misused or incorrectly managed, e.g. blow fuses caused by overload or the excess of voltage
- ▀ The device has been damaged due to the transportation of it.
- ▀ The machine is faulty due to poor use, e.g. moisture, unstable voltage etc.
- ▀ The product has been altered by anyone other than a qualified Hybrid technician.
- ▀ **Exclusions:** Packaging, casing and bracket of the product and battery inside wireless remote controller.
- ▀ Hybrid will not charge for the maintenance and spare parts of the product, provided that it has remained within the guidelines of the user manual, as well as with the terms of the warranty. In regard to the products which exceed their warranty period, Hybrid will only charge for the cost of the spare parts accordingly.
- ▀ Hybrid reserves the right of final explanation for the content of the warranty card. If there is anything unclear, please contact the dealer.

WARRANTY CARD

Model:.....

Name:.....

Date of purchase:.....

Dealer name:.....

Address of dealer: Province:.....

NOTE: Fill out the warrant card clearly so that we can assist you. Please send back the machine with warranty card for repairs.

RECORD CARD FOR MAINTENANCE

Maintenance Indicator (for user):.....

Maintenance time (for Manufacturer):.....

Fault (for Manufacturer):.....

Maintenance Indicator (for user):.....

Maintenance time (for Manufacturer):.....

Fault (for Manufacturer):.....

Maintenance Indicator (for user):.....

Maintenance time (for Manufacturer):.....

Fault (for Manufacturer):.....



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