



PRODUCT: FIRE MACHINE

MODEL: H-E05

# USER MANUAL



VERSION 2.0

# DISCLAIMER

## WARNING

Read this manual carefully before installing and/or using this product. Failure to read the manual and to follow the printed instructions may lead to personal injury and/or damage to the product.

## FORWARD

This manual contains all information required for the intended use of the equipment. Deviation from the described intended use can result in a hazardous situation and/or property damage.

This manual includes notes and warnings on safe operation of the equipment.

## LIABILITY

Accepts no liability for claims from third parties arising from unauthorised use, use other than that stated in this manual, and use other than in accordance with the General Conditions registered at the Chamber of Commerce.

Refer further to the General Conditions. These are available on request, free of charge.

Although considerable care has been taken to ensure a correct and suitably comprehensive description of all relevant components, the manual may nonetheless contain errors and inaccuracies.

Should you detect any errors or inaccuracies in the manual, we would be grateful if you would inform us. This helps us to further improve our documentation.

## 2. TECHNICAL DATA

|                    |                             |                                |
|--------------------|-----------------------------|--------------------------------|
| Product            | Product Name                | 5 heads flame machine          |
|                    | Product Type                | Flame                          |
| Machine Dimensions | Length (mm/in)              | 530/20.8                       |
|                    | Width (mm/in)               | 310/12.2                       |
|                    | Height (mm/in)              | 430/16.9                       |
| Net Weight         | Empty Weight (kg/lb)        | 16.8/37                        |
| Environment        | Minimum Temperature (°C/°F) | -10/14                         |
|                    | Maximum Temperature (°C/°F) | 70/158                         |
|                    | Humidity (Relative)         | 20% to 90% (non condensing)    |
| Electrical         | Voltage Input (Vac)         | AC 110-220V                    |
|                    | Voltage Frequency           | 60-50 Hz                       |
|                    | DMX Channel                 | 8                              |
|                    | Power Consumption (Vac)     | 210W                           |
| Spray Height       | Maximum Height (m/ft)       | 3/9.84                         |
| Usage              | Consumable (s)              | Flame Liquid & Starting Liquid |

### INPUT & OUTPUT

The input liquid you can choose CAR STARTING LIQUID. The output maximum height depends on the type of input liquid pressure. The output has a maximum distance of 3m.

**NOTICE:** Wind and other weather circumstances will influence the output distance. The given values are estimated values

### 1 SAFETY!

The 5 heads flame machine is designed and constructed so that it can be used in a safe manner. Specifically, this refers to the usage, situations, and prescriptions for the device as described in this documentation. It is the responsibility of all persons authorized to use the H-E05 5 heads flame machine to read and follow the instructions in this manual.

The 5 heads flame machine should be located and used in an environment that preferably:

- Has a fairly constant temperature between 0 and 30°C.
- Has a relative humidity not exceeding a maximum of 75%.
- Is reasonably free of dust, corrosive gases, and high concentrations of organic vapors.
- Does not contain any source of vibrations in the environment.

## GENERAL SAFETY RULES

The 5 ways Flame should only be used when there are no people, animals, or inflammable objects within the danger zone. The danger zone is the cylindrical space around the device with a radius of three meters. See also the red shading in Figure (not drawn to scale).

Ensure that the 5 ways Flame is not accessible to children, unauthorized persons, or animals!

Do not touch the 5 ways Flame when it is operated on. Even if the device is not in operation ready to activate.

Safety devices must not be removed or rendered inoperative.

All required safety devices should be in good working order and functioning properly.

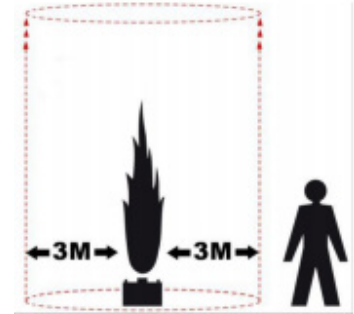
Ensure that there is adequate lighting in the environment.

Keep the workplace clean.

Only authorized persons may work with the 5 ways Flame.

It is not permitted to use the 5 ways Flame in an environment containing gases or fluids.

Always ask the fire brigade for permission to use the 5 ways Flame at the desired location.



## 2 FEATURES

The 5 heads Flame has safety features. One of these features checks whether the 5 heads Way Flame is tilted, or is exposed to shocks.

In these cases, the 5 heads Way Flame automatically stops and it will not be possible to create flames.

## 3 HOW TO USE

a. Please Open door of flame machine, put the flame liquid cans on the holder, ensure the liquid can fixed correct. Next step close the door of flame machine.

b. Please connect power supply for flame machine, Open the switch. Connect with DMX signal cable machine and DMX controller, Setting the DMX address. the machine will be DMX self-inspection, and the detection lamp will flickering . When contact the DMX signal cable, the display will light up. Otherwise, the display will not bright.

c. After you have readied the 5 ways Flame and set the DMX addresses properly, you are clear to operate the 5 ways Flame.

d. You previously set a "safety" channel for the 5 ways Flame so that the device should still be in safety mode. You now take it out of safety mode by setting the channel 1 to between 102 and 153. The Indicator light of the 5 ways Flame will start blinking in turn.

8CH Mode:

Channel 1: Safety channel

Channel 2: spray1

Channel 3: spray2

Channel 4: spray3

Channel 5: spray4

Channel 6: spray5

Channel 7: spray1,2,3,4,5

Channel 8: spray 1.2.3.4.5. Full spray speed from slow to fast, the value is 1-125, 126-255  
spray 5, 4, 3, 2, 1 full spray speed from slow to fast

## 4 TURNING OFF

a. Ensure that the DMX addresses are set to safety mode.

b. Turn off the 5 ways Flame power button and disconnect the powerCON cable and DMX plugs.

c. Wait fifteen minutes until the 5 ways Flame is cooled off before you remove the aerosol can and pack up the Flame Fluid.

## 5 PRECAUTIONS FOR OPERATION

**WARNING** Using a damaged or an improper installed machine can lead to death, serious injury or property damage. Always inspect the machine thoroughly before operation.

**WARNING** Unauthorized operation of the machine can lead to death, serious injury or property damage. Never leave the machine and the power switch unattended when the machine is ready for use.

**CAUTION** Always install the output liquid before operating the machine.

## 6 MAINTENANCE

To achieve the maximum service life of the machine you must regularly clean the machine and test if it is functioning correctly.

Contact us if the machine is not functioning correctly.

**DANGER** Do not replace parts yourself; always consult us.

## 7 TROUBLESHOOTING

Always contact us if any malfunctions or errors occur that cannot be solved with the instructions as described in this manual.

## 8 CORRECT DISPOSAL

This symbol on the product and / or accompanying documents means that used electrical and electronic products (WEEE) should not be mixed with general household waste. For proper treatment, recovery and recycling, please take this product to designated collection points where it will be accepted free of charge.

Alternatively, in some countries you may be able to return your products to your local retailer upon purchase of an equivalent new product. Disposing of this product correctly will help save valuable resources and prevent any potential negative effects on human health and the environment, which could otherwise arise from inappropriate waste handling.

Please contact your local authority for further details of your nearest designated collection point. Penalties may be applicable for incorrect disposal of this waste, in accordance with your national legislation.

