Contest ®

*Faze***TEC**

USER GUIDE
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1 - Safety information

Important safety information

This unit is intended for indoor use only. Do not use it in a wet, or extremely cold/hot locations. Failure to follow these safety instructions could result in fire, electric shock, injury, or damage to this product or other property.

This product contains non-isolated electrical components. Do not undertake any maintenance operation when it is switched on as it may result in electric shock.

Any maintenance procedure must be performed by a CONTEST authorised technical service. Basic cleaning operations must thoroughly follow our safety instructions.

CAUTION
RISK OF ELECTRIC SHOCK
DO NOT OPEN

WARNING : This unit contains no user-serviceable parts. Do not open the housing or attempt any maintenance by yourself. In the unlikely even your unit may require service, please contact your nearest dealer.
In order to avoid any electrical malfunction, please do not use any multi-socket, power cord extension or connecting system without making sure they are perfectly isolated and present no defect.

Warning
This product is equipped with Class 2 LEDs.
Please avoid looking directly at the beam as it may cause severe eye injuries.

Risk of electrocution
To prevent the hazard of electric shocks, do not use extension cords, multi-socket or any other connection system without making sure metal parts completely are out of reach.

Recycling your device
• As HITMUSIC is really involved in the environmental cause, we only commercialise clean, ROHS compliant products.
• When this product reaches its end of life, take it to a collection point designated by local authorities. The separate collection and recycling of your product at the time of disposal will help conserve natural resources and ensure that it is recycled in a manner that protects human health and the environment.

WARNING !
KEEP AHEAD CLEAR FOR
AT LEAST 1 M

1m

Scalding hazard
The outlet nozzle is at very high temperature.
The smoke is also at very high temperature when
getting out of the nozzle. Keep a safe distance of
at least 1 m.

Symbols used

This symbol signals an important safety precaution.

IMPORTANT

The CAUTION symbol signals a risk of product deterioration.

CAUTION

The WARNING symbol signals a risk to the user's physical integrity.
The product may also be damaged.

WARNING

Instructions and recommendations

1 - Please read carefully :
We strongly recommend to read carefully and understand the safety instructions before attempting to operate this unit.

2 - Please keep this manual :
We strongly recommend to keep this manual with the unit for future reference.

3 - Operate carefully this product :
We strongly recommend to take into consideration every safety instruction.

4 - Follow the instructions:
Please carefully follow each safety instruction to avoid any physical harm or property damage.

5 - Avoid water and wet locations :
Do not use this product in rain, or near washbasins or other wet locations.

6 - Installation :
We strongly encourage you to only use a fixation system or support recommended by the manufacturer or supplied with this product. Carefully follow the installation instructions and use the adequate tools.
Always ensure this unit is firmly fixed to avoid vibration and slipping while operating as it may result in physical injury.

7 - Ceiling or wall installation :
Please contact your local dealer before attempting any ceiling or wall installation.

8 - Ventilation :
The cooling vents ensure a safe use of this product, and avoid any overheating risk.
Do not obstruct or cover these vents as it may result in overheating and potential physical injury or product damage. This product should never been operated in a closed non-ventilated area such as a flight case or a rack, unless cooling vents are provided for the purpose .

9 - Heat exposure :
Sustained contact or proximity with warm surfaces may cause overheating and product damages. Please keep this product away from any heat source such as a heaters, amplifiers, hot plates, etc...

10 - Electric power supply :
This product can only be operated according to a very specific voltage. These information are specified on the label located at the rear of the product.

11 - Power cords protection:
Power-supply cords should be routed so that they are not likely to be walked on or pinched by items placed upon or against them, paying particular attention to cords at lugs, convenience receptacles and the point where they exit from the fixture.

12 - Cleaning precautions :
Unplug the product before attempting any cleaning operation. This product should be cleaned only with accessories recommended by the manufacturer. Use a damp cloth to clean the surface. Do not wash this product.

13 - Long periods of non use :
Disconnect the unit's main power during long periods of non use.

14 - Liquids or objects penetration :
Do not let any object penetrate this product as it may result in electric shock or fire.
Never spill any liquid on this product as it may infiltrate the electronic components and result in electric shock or fire.

15 - This product should be serviced when :
Please contact the qualified service personnel if :
- The power cord or the plug has been damaged.
- Objects have fallen or liquid has been spilled into the appliance.
- The appliance has been exposed to rain or water.
- The product does not appear to operate normally.
- The product has been damaged.

16 - Inspection/maintenance :
Please do not attempt any inspection or maintenance by yourself. Refer all servicing to qualified personnel.

17 - Operating environment :
Ambient temperature and humidity: +5 - +35°C, relative humidity must be less than 85% (when cooling vents are not obstructed).
Do not operate this product in a non-ventilated, very humid or warm place..

2 - Package contents

The package must contain the following articles:
- The FazeTEC fog machine and its canister
- The user guide (you are currently reading)
- A power cord

In the event of one or several missing articles, please contact your retailer immediately.

3 - Description

3-1 : The fog machine

1 - DIP switch
Allows you to determine the initial address in DMX mode. Please refer to paragraph 4 for more information about this.

2 - Remote control input
Your FazeTEC can be controlled via an optional wired remote control.
Ref : CTL-FazeTec
Code : 10246

This remote control allows you to activate or deactivate the smoke projections and adjust the smoke output.

3 -Smoke output settings
Allows you to adjust the smoke output.

4 -LED Indicator
This indicator lights up or flashes in different colours depending on the status of your FazeTEC:
Flashes green: Pre-heating
Flashes green slowly : Cleaning process
Lit in green: Ready to operate
Flashes oranges: Producing smoke
Lit in orange: Receiving a DMX signal
Lit in red: Overheating, there is a problem with temperature control.
Flashes red: The smoke fluid level is too low
Flashes red/green : Cannot pre-heat, there is a problem with the heater.

5 -Fan settings
Allows you to configure the fan speed.

6 - Power supply/Fuse holder:
The supplied cord features an IEC/2P+E connector. Your unit is equipped with a 250V 4A fuse. If need to replace it, use one with the same characteristics.

7 - ON/OFF Power switch

8 - DMX Inputs and outputs
3 and 5-pin XLR sockets allowing you to daisy-chain more units.

9 - Fluid level
This window allows you to visualise the fluid level inside the tank.

10 - Tank cap
Please make sure the cap is tightened to prevent any leak or air entry.

11 - Transport handle

4 - DMX assignation:

Channel 1	DMX Value	Function
Smoke	0 - 4	Smoke OFF
	5- 255	Smoke output from 0 to 100%
Channel 2	**DMX Value**	**Function**
Fan	0 - 4	Speed at 20%
	5- 255	Speed from 21 to 100%

DMX Addressing

In order to use a DMX remote control with your FAZEtec, connect it to a DMX XLR socket.
When using long runs of cables (more than 100m), we strongly recommend to use a DMX end termination (120 Ohms resistor located between pins 2 and 3 of XLR plugs).
Each unit to be remotely controlled must have its own DMX address.
The address can lie between 0 and 511.

Configure dipswitches 1 to 9 for your devices to receive DMX signals. Refer to the table below for more information about the relation between DMX addresses and the dipswitches binary code.

Dipswitches	#1	#2	#3	#4	#5	#6	#7	#8	#9
Decimal value	1	2	4	8	16	32	64	128	256

Your FAZEtec uses 2 DMX channels, in order to address several FAZEtec, you will be required to address them as follows:
FAZEtec number 1 : address 1: activate dipswitch #1 (value 1)
FAZEtec number 2 : address 3: activate dipswitches #1 and #2 (value 1+2=3)
FAZEtec number 3 : address 5: activate dipswitches #1 and #3 (value 1+4=5)
etc ...

You can parameter dipswitches of two or more units on the same address so your units will all replicate the same behaviour and answer the same commands.

5 - Preparation and maintenance

Preparation
 • Fill the tank with smoke fluid. We strongly recommend to use the Contest® **FD5L** smoke fluid. It was designed to be used with your FAZEtec and guarantees the best effects, for a discreet, lasting fog.
 • **Your FAZEtec and the FD5L fluid have been designed and optimised to be combined together. Using any other smoke fluid will void the warranty of your fog machine.**
 • Connect the power cord of your smoke machine to an electrical outlet. If necessary, position the circuit-breaker power switch on "On".
 • Connect a DMX cable from a universal DMX remote control to use it in DMX.
 • Please wait approximately 4 minutes for the heater to reach its operating temperature.

Storage and cleaning
 • Once done with your FAZEtec, please unplug it and empty the tank.
 • Pour a small amount of deionised water into the tank, plug the machine again and use it as if it was smoke fluid, until there is no water left in order to ensure an optimal lifespan.

6 - Technical specifications

Fog machine
• Heater: 700W
• Pre-heat time: approximately 4 minutes
• Fluid tank: 1.3 litres
• Smoke output: 85m^3/min
• Max. fluid consumption: 3 ml/ min at 100%
• **Uses the CONTEST® HD5L high-density smoke fluid**

Control
• Control panel with smoke output control and adjustable fan speed
• 2 DMX channels : Smoke/Fan

Additional characteristics
• Power supply: 230V - 50Hz
• Power consumption: 900W max.
• Dimensions: 320 x 153 x 391 mm
• Net weight: 8.8 kg