



## Spark machine – 85381

### User's manual

**ONLY PROFESSIONAL USE**

Please read carefully before installing or operating. It is extremely important to follow the safety instructions.

#### Content:

Please check if following parts are included:

1. Spark machine with power supply
2. User's manual



**WARNING** : You can seriously hurt yourself or others when you don't perform the procedures carefully.

#### Safety instructions:

- Keep this user's manual. Don't forget to give this when reselling this item.
- Carefully read the manual which contains important information concerning the installation, consummation and maintenance of this machine.
- While receiving the product, please take carefully and check whether it was been destroyed on conveyance.
- Before installation, please make sure that the power voltage matches the system rated voltage.
- The device need to be grounded.
- The system should be kept dry. Please don't use the system in the condition of rain ,wet or dust in order to prevent the risks of hazards and electrical shocks.
- Keep away from children.
- Do not cover up any ventilation hole in order to prevent overheating the product.
- Do not turn the machine during installation.
- The maximum and safe temperature for this product is 10-40°. Do not use at higher temperatures. The machine won't be ready until it has reached this temperature.
- Outdoor use only.
- Dispose of the machine in a way that is environmentally and hygienically in consistence with the legal requirements.



Safety instructions :



**CAUTION:** To reduce the risk of electric shock, do not remove the top cover. No user-serviceable parts inside. Refer servicing to qualified service personnel only.



The lightning flash with arrowhead symbol within the equilateral triangle is intended to alert the user to the presence of un-insulated “dangerous voltage” within the product’s enclosure that may be of sufficient magnitude to constitute a risk of electric shock.



The exclamation point within the equilateral triangle is intended to alert the user to the presence of important operation and maintenance (servicing) instructions in the literature accompanying this appliance.



This symbol means : Hot surface



This symbol means : Fire hazardous substances



This symbol means : Observe instructions carefully before use.

## Technical data:

**Weight:** 9.5 kg

**Input:** 110V or 220 V AC, 50/60 Hz

**Power consumption:** 500W

**Fountain Height:** 1-5m

**Working Temperature:** -20°C to 50°C

**Housing:** aluminum

**Fountain Direction:** Vertical

**Interface:** Double DMX input interfaces, double AC power interfaces

**Control Mode:** standard DMX control

**Warranty:** 1 year

### Consumables

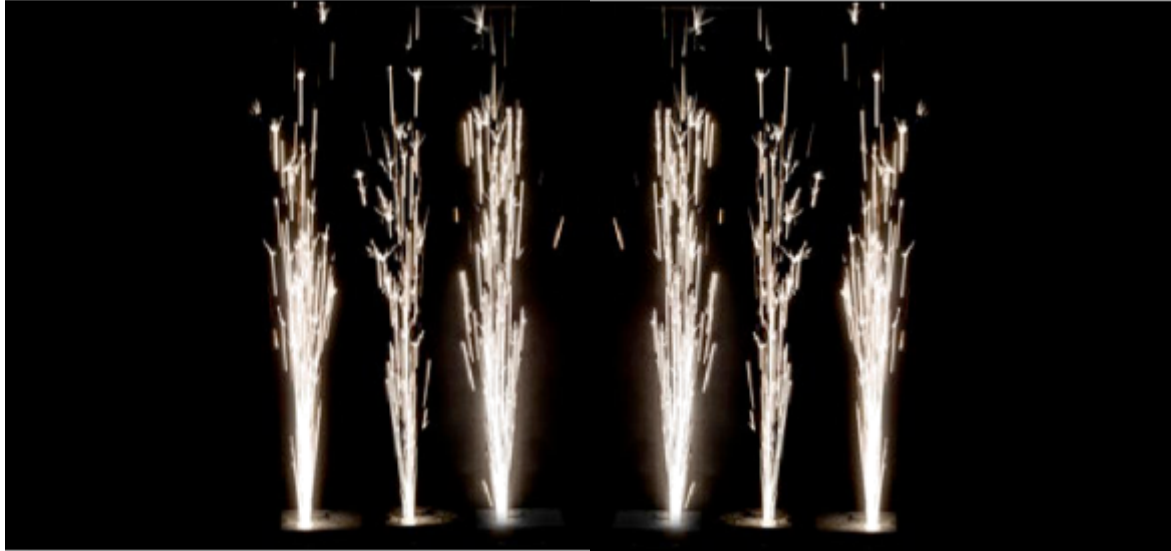
**Refill Sachet:** Granulated Titanium Alloy Grains

**Weight:** 200g Containers

**Usage:** over 15 minutes per 200g of powder

## non-pyrotechnic spark generators

indoor fountain machine - fireworks simulator - non-pyrotechnic indoor fireworks - cold spark fountain



## Spark machine

The Spark machine devices are non-pyrotechnic spark generators that can easily be used on stage, at festivals, by entertainers or mobile DJs. The Spark machine spark effects generators can easily be controlled through standard DMX, so they perfectly integrate with existing stage infrastructure. It is possible to adjust the spark emission height through DMX as well. The maximum emission height is 5 meters (may be dependent on the model).



Non-pyrotechnic spark effects generator, indoor fountain machine, fireworks simulator, non-pyrotechnic indoor fireworks, cold spark fountain

The Spark machine creates **cold sparks** that are no fire hazard. The effect **looks like pyrotechnics**, but it's not: The spark fountain can reach a maximum height of 5m and is created with a special granulate.

The unit can easily be **controlled with standard DMX** and the address can be set at the back of the device. During the heat-up phase, the DMX address display shows the actual temperature of the heating system, so it's easy to determine when the unit is ready to operate.

When having reached the operating temperature, the unit can **output continuously** without having to reheat (at environmental temperature of around 20°C).

**After using the spark machine please empty the powder tank at once and empty the working tank by using the machine until there are no more sparks coming out. In this way the machine is completely empty of composite powder.**

- simple DMX control (2 channels) - **no additional controller** necessary
- **very affordable consumables** (Spark machine Granulate)
- no limitations of consumables, **no locking mechanism** linked to consumables
- indoor and outdoor use
- **emission height adjustable** via DMX
- easily **daisy chain** many units via DMX
- smoothly integrates with existing lighting setups
- **no explosive content**
- no strong pyrotechnical smell
- **no hazardous content** to deal with
- easy to use, easy to transport
- **affordable granulate refill**

As the special effects granulate of the Spark machine burns at rather low temperature and thus creates the sparks, it is by far not as dangerous as flame effects or even pyrotechnical effects.



## Spark machine Granulate

Spark machine Granulate suitable for the use with the Spark machine non-pyrotechnic spark generators.

Package of 200g, lasts for approximately 20 minutes of use.

Contents:

200g Spark machine Granulate

### Declaration:

The user should comply with the instructions and warning mentioned in this manual. Any damage caused by incorrect operation, ignoring the operation manual or not following the manual, falls not under the warranty. The distributor cannot be held responsible for any problems / accidents / damages caused by mal- or not following the safety instructions and warnings mentioned in this manual.