

USER'S MANUAL

500W Spark Machine



1.Introduction:

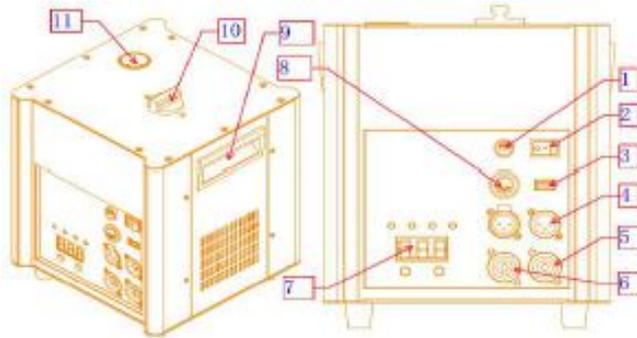
Thank you for choosing the spark machine

We recommend that you carefully read these operating instructions before commissioning the unit. Please follow the instructions in this manual. This is the only way to ensure safe operation, proper use and long service life.

1.1-Feature:

- Environmental protection,safety:no gunpowder and no irritant
- Support wireless control and DMX, operate is more easy and convenient.
- Maintenance:
 - Please clean the machine regularly. It will reduce the replacement and repair cost of spare parts.
 - Do not use for a long time, to clean the machine and make extra powder out.

1.2-Product description :



1. Fuse	2. on/off switch	3. USB	4. DMX-512
5. Power out	6. power in	7. Display board	8. wire control plug
9. handle	10. Powder entrance	11. Spark nozzle	

2. Safety instructions

- Keep away from humidity, water and dust! Avoid placing the device in a location with high humidity or excessive dust.
- Place the device on a firm ground!
- To avoid vibrations always place the device on a firm ground.
- Do not use chemicals for cleaning!
- Use a clean and dry cleaning rag to remove dust. Metal parts can be cleaned with a dampened cleaning rag. Before cleaning always unplug the device from the power supply.
- If the device is not working properly!
- If problems occur unplug the device from the power supply. The user should not try to service the device independently. All repairs and service must be performed by a qualified technician.
- Eye Protection
- The eye protection warning icon is shown to indicate that you must protect your eyes when close to the machine during machine operation.
- The safety distance to the audience must be 2 meters
- Never aim the nozzle on people and keep a distance from 1 meter to the nozzle. Don't spray on the food.
- ATTENTION!
- Damages caused by the disregard of this user manual are not subject to warranty. The dealer will not accept liability for any consequent secondary failures. Only skilled workers are allowed to carry out the electrical connections. All electrical and mechanical connections have to be carried out according to the European safety standards.

- Outdoor powder cannot be used indoors!When using outdoor powder, there should be no carpet around the spark machine, and other inflammable articles!
- The powder should not be exposed to the air. If a bag of powder is not used up, it should be kept in a sealed condition and not exposed to open fire.
- NOTE: Machine must be vertical if has powder in the tank. Must take out all powder when machine shipped.

3. Technical data

Wireless RF Controllers N-1 Receiver/Dip

Switch +W-9 Usage Instructions:

When the heating is complete, the indicator light is green ; when the heating is not finished, the indicator light is red . The machine is not effective until the heating is complete. The amount and height of the spark is controlled by the remote control.



- Stop:** Close or stop
- Clean:** Clear powder
- On:** Heating
- Off:** Stop heating
- Time:** Control continuous spark time 5/10/20/30S
- Height:** Control spark height
Low,middle,high

Specification :

Rated voltage	AC220V/50Hz/AC120V/60Hz
Rated power	500 W
Fuse	2.2 A 4.2 A
Pre-heating time	<8 min
Spark max height	2-5M
Spark height change	support
Wireless controller	W-9
Display screen	Digital display board
DMX	support
DMX channel	2
DMX range	1-512
Net weight	6.6 Kg
Gross weight	7.8 Kg
Machine size	210*218*260mm
Carton size	300*300*320mm

4. Operation

4.1 Before using :

- Never stand directly below the device when it is being mounted, removed or serviced. Have a qualified technician
- check the device annually and additionally before placing into service if stored for an extended period of time.
- Install the device in a secure location that is inaccessible to unauthorized persons. This machine can only be used by adults.
- Make sure there is no flammable material within a 10ft radius of the device. There can be no objects blocking the use of the machine.
- Be sure that the local power outlet match that or the required voltage for your machine.
- Can not join any flammable liquid, such as oil and gas.
- Be sure the lid is well covered before use the machine, or the spark will splash out.

4.2 Usage method :

- Place the unit on a flat, dry surface. The machine can not be sidelong, please pay attention to keep upright. Otherwise the spark will not be vertical and probably make the machine damaged.
- fill the powder reservoir with our powder only then tighten the cap .
- The device starts to heat up. This process needs 5 minutes, meanwhile the display shows "UP".
- The heating process is finished. The display shows "READ"



- OFF :** Indicates that the machine is ready to work
The green light indicates that the machine is ready to Work.
- FFF:**
- HEAT:** Indicates that the machine is ready to heat.
- DMX:** Red light flashes to indicate a successful DMX connection and displays the current address code.
- FAUL:** Red light indicate error alarm.

5. DMX CHANNELS

When using the DMX mode, two channels are occupied.

DMX Channel		
CH1	1-255	Fountain on
CH2	0-20	Pre-heat off, And the first channel is invalid
	50-100	Pre-heat on, And the first channel is valid
	150-200	Clear Material, And the first channel is invalid

Notes: Clean consumables when press button 2 for more than 15 seconds. Work stops automatically in 15 seconds.

6. Warranty Instructions

- ◆ Warranty period: one year (the date of purchase)
- ◆ IF the buyers do not use the same supplier's powder, the machine warranty period will be 3 months. The buyer will pay for the expenses if there are any component changes.
- ◆ In such in the following cases, the product will not be guaranteed:
 - A: the product has been incorrectly operated and used inadvertently, for example, over load, over pressure, and firing;
 - B: the product was broken because of careless handling;
 - C: due to poor use of environmental factors and sound quality problems, such as: humidity, voltage instability, etc.;
 - D: products have been modified by non factory personnel.
- ◆ products comply with the warranty provisions, the factory will not charge maintenance fees and accessories costs, for more than the warranty period of the product, only the corresponding parts, finished goods costs.
- ◆ the contents of this warranty card, the company has the right to interpret, if the user is unknown, please contact the local distributors.
- ◆ not covered by the warranty include: packing box, packaging, product shell and hanger, remote control transmitter battery.