

# Showven. Sparkular Mini

## User Manual

★Please read this manual carefully before operating this product.

★This manual contains the warranty card, please keep it well.

## 1-1 Security Considerations .

- » Unauthorized repair are prohibited, it may cause serious incident.
- » Keep SPARKULAR mini dry and NOT USE in rain or snow.
- » Clear material for Sparkular mini is necessary both before the show and after the show, to clear the Composite Ti remains in the pipe. Check whether there are Composite Ti aggregate in the nozzle after each show, if any, please clean it up, or it will affect the shooting effect or even damage Sparkular mini.
- » For better heat dissipation, block the air intake and air outlet is prohibited.
- » Cover of nozzle of Sparkular mini is prohibiting.

Sparkular Mini Model No. BT07	
	Parameter
Size	168 × 180 × 228mm
Weight	4. 5kg
Input Parameter	100–120VAC, 50/60Hz
Working Power	480w
Working Temperature	-10°C~ 50 °C
Casing	ABS
Fountain Height	1. 8m~3. 0m, Depend on different type of composite Ti
Interface	Double DMX input interfaces, double AC power interfaces

### **Advantages :**



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- » Integrating wireless technology, Not exposed, anti-collision.
- » One button start.
- » Tilt protection function. More secure.
- » Sophisticated design, light weighted and portable.



Operation Panel:

LCD information display area, showing operate menu and working status of machine.



**READY** : After turn on machine, it will automatically preheat around 5 minutes, when the "READY" green light turns from flashing into long on, indicates that the machine is ready to work

**DMX** : Flashing shows that DMX signal is connected, otherwise is without signal

**FAULT** : When any malfunction, the light turn on

**HEAT** : When the machine is heating, signal light turn on

Control button area :



press for 3 seconds can switch to the advanced

-. Parameters down.

+: Parameters up.

**ENTER** : Confirm and save parameters.

## Interface

Main Interface:

First line : Display DMX address is "1".

Second line : Display the present inner core temperature and the temperature progress

DMX Address 1  
210 07.24

7 minutes and 24 seconds.

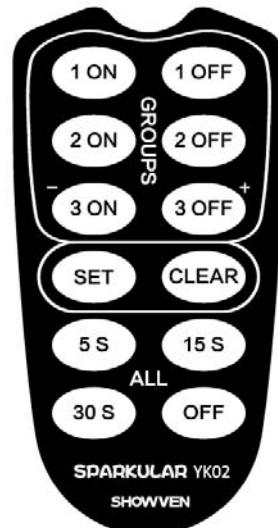
Press "MENU" to enter the Setting interface, press the "MENU" button to enter different options until you return to the main interface.

Options	Range	Instructions
Set DMX Address	1-512	Set the DMX address. machine become a wireless host and can send out DMX signal when it's address is "1++".
Wireless Control	ON/OFF	Wireless function switch. you can match code When shows "ON"
Manual Fountain	ON/OFF	Manual fountain switch, for testing purposes only.
Auto Clear Delay	0.1-0.9s	Automatic clear material settings.

**Advanced menu :**

Press "MENU" 3 seconds to enter the advanced setup interface, press options, press MENU till 3 seconds to return to the main interface

Options	Range	Instructions
Set Temperature	500-610	Setup inner Core temperature.
Auto Heat	ON/OFF	Auto preheat function switch after power on.
Density	70-100	Adjust the sparks density.
Mode Selection	Factory Mode/ User Mode	Factory Mode is factory debugging mode
Tip Over Error	ON/OFF	Tilt function switch.
Default Parameter		Press "ENTER" to restore all parameters to the factory settings.


**Wireless remote control mode :**

» If the remote control cannot work, please check whether wireless function was turn on.  
 Press MENU to switch to wireless control setting, menu is set to "ON", press "ENTER".  
 This interface can also be matching code with remote controller.

» Sparkular mini can controlled by both DMX and remote controller, when there are DMX signal input, wireless remote controller will not work.  
 » When using remote control you need to pull out the antenna.

1 ON	Address "1" ON	1 OFF	Address "1" OFF
2 ON	Address "3" ON	2 OFF	Address "3" OFF



3 ON	Address “5” ON	3 OFF	Address “5” OFF
SET	When use different remote control	CLEAR	Automatically clean material for 3 seconds
5 S	All Starts 5 seconds	15 S	All starts 15 seconds
30 S	All Starts 30 seconds	OFF	All stop

**Attention :**

- » The first group machines correspond to DMX address “1”, the second group DMX address is “3”, the third DMX address is “5”, remote controller controls 3 group machines. It also can set all Sparkular mini address as “1” .
- » When the lamp is not lit or become weak on the remote controller, replace the battery. It is better to take battery out when transporting to prevent consumption of battery power by unmeant press of button.

**Battery model : 12V 23A**

- » When the machine is occasionally not working, may be caused by interference, please press the start button again.
- » Wireless control is easy influenced by interference, it is suggest to stay as close to machine as possible when use remote controller, and machines cannot use metal shielding.

## **Warning:**

changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must



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accept any interference received, including interference that may cause undesired operation.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.