

SPARKULAR USER MANUAL

Please read this manual carefully before operating this product.



User Manual

Sparkular

➤ **Security Considerations:**

1. Unauthorized repair is prohibited, or else it may cause serious accident.
2. Keep sparkular dry and do NOT use in rain or snow.
3. Make sure the hopper lid is well covered when use sparkular. Accidentally Burning of Composite Ti can only use sands to extinguish. Composite Ti should be stored in a dry sealed environment.
4. Keep audience and flammable material at a minimum distance of 3m from sparkular. Make sure sparks shooting out from sparkular can NOT reach any objects.
5. It is necessary to clean the Composite Ti remains in the pipe before and after the show. Check whether there are Composite Ti remains in the nozzle after each show. If it does, please clean it up, or else it will affect the shooting effect or even damage sparkular.
6. Connection maximum is 6 pieces, and over-connection may result in damage or even fire.
7. For better heat dissipation, do NOT block the air intake and air outlet.
8. Cover nozzle is prohibited.

➤ **Parameter:**

Working Height:	1-5 meters
Working Temperature:	-10°C-50°C
Power:	400w 3.6A (110V version) 400w 1.8A (220V version)
Fuse:	110V/10A, 220V/6A
Control:	DMX
Net Weight:	9.5kg
Dimensions:	230*195*300mm
Max connections:	6 pieces
Warranty:	1 year

➤ **DMX 512 setting:**

The first channel:	Functions:
0-10	Pre-heat OFF
11-220	E-stop
221-239	clear powder
240-255	Pre-heat ON
The second channel:	Functions:
0-15	Pre-heat OFF
16-39	working height 1
40-63	working height 2
64-87	working height 3
88-111	working height 4
112-135	working height 5
136-159	working height 6
160-183	working height 7
184-207	working height 8
208-231	working height 9
232-255	working height 10

➤ **Operation Panel:**



READY: After set the first channel(240-255 pre-heat ON) for about 5 minutes, when the "READY" green light turns from flash light to continuous light , it indicates that the machine is ready to work.

DMX : Flashing shows that DMX signal is connected, otherwise no signal.

FAULT : The light is on with any malfunction.

HEAT : When the machine is heating, signal light is flashing.

LED screen shows the DMX status and working status. (“down”&”up” button adjust DMX channel. For example, “001”, it is connecting the 1st channel. When it is heating, LED screen shows the temperature.)

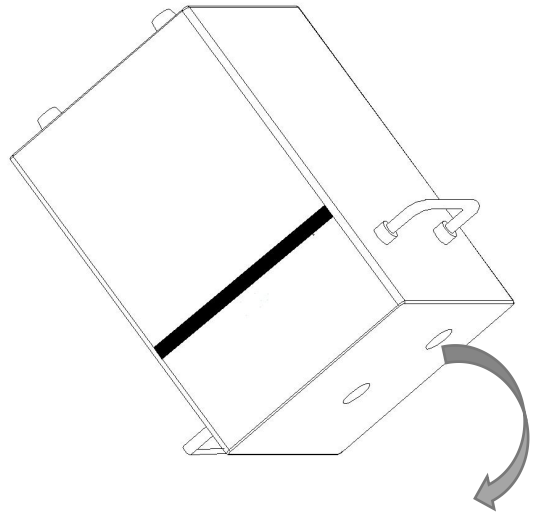
➤ **Power cable connection:**

For convenient use, there are power supply cable and power supply ex-cable. power Supply ex-cable can achieve multiple devices connected, and maximum cascade is 6pcs.

If you use mobile power plate, be sure to use good quality and match rated power products. 6 pcs machines requires around 2400 watts, cores should be over 1.5 square.

➤ **Material clean(important note):**

1. Please empty the powder by turning over the machine and clean remnants (DMX control address: 221-239) after use.
2. If the remnants are stuck, you have to open the housing and manually rotate the chain anticlockwise.
3. We don't offer free warranty once the machine stops working without clean process after use.



➤ **Warning:**

1. Do not run over 30 seconds for each time.
2. Make sure the device is turned off while refilling.
3. In case of fire, use sand to extinguish. Do not use water.
4. Keep away from children.
5. Damage caused by improper using, installation, transportation, and maintenance, or damage caused by human factors are out of our warranty service range.