EFX (Entertainment FX)
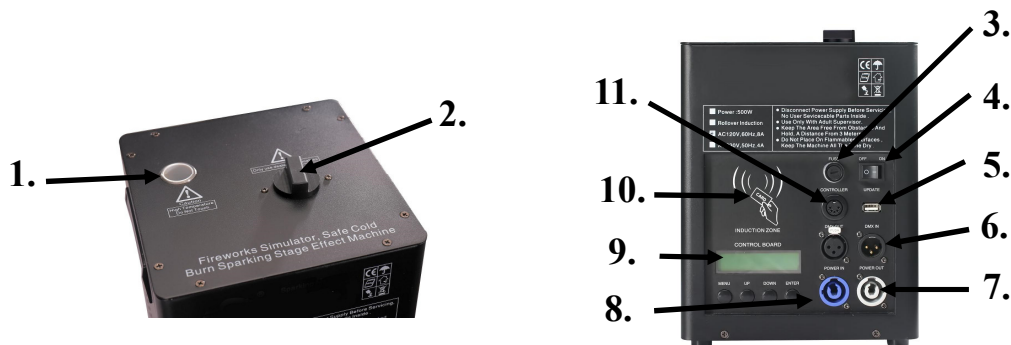
SPARKULAR DMX MACHINE

Instructions for use

SPARKULAR DMX (Indoor Firework) (EFF550)

Enviromental, non gunpowder, cool spark, non flammable, non hazardous.

- Dimensions: 190mm x 190mm x 260mm
- Weight: 6.6Kg
- Voltage; 240volt 50hz
- Power consumption: 500watt
- Pre-heat time: less than 8minutes
- Spray Range: 1-2metres
- Remote control and DMX operation.
- Simple Operation and repeat Use.
- DMX range 1-512
- Single DMX channel for operation
- Wireless Control

To obtain the best performance from your Sparkular please read the instructions before use.

1. Before use please check the machine to ensure no damage has occurred during transit, in the event of any damage do not use the product and contact your dealer.
2. This machine is designed to be used in conjunction with Sparkular granules which are purchased separately in 200gram packs.
3. When using the product place away from people, never point the product at a person.
4. Make sure there is no flammable material within 3metres radius of the device.
5. The device should be placed on a flat dry surface. The machine can be inverted but never used on its side.

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1. **Spark Nozzle**
2. **Powder filler cap**
3. **Fuse**
4. **On/Off Switch**
5. **USB inlet**
6. **DMX In/Outlet 3 Pin XLR**
7. **Mains power out**
8. **Mains Power in**
9. **Display Screen**
10. **Card Scan Zone**
11. **5 pin din remote control socket**

OPERATION:

1. Place the machine in a upright position and allow a distance of 2metres from the audience.
2. Ensure the machine is unplugged from the mains when filling.
3. Fill the powder tank via cap on the top of the machine (2)
4. Connect the mains lead and switch on.
5. Scan the safety card (supplied with the powder) over the scan area (10),

The Sparkular powder (purchased in 200gram bags) comes with a "Scan card".
The scan card allows the machine to operate only with the correct official powder. The card allows the machine to operate for 20 minutes after this time you will require a further card. To check the remaining time after operation using the Control Board press the "Menu" button followed by the "Time" button. The remaining time will be displayed in seconds.
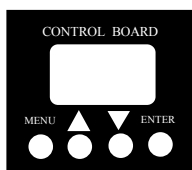
CONTROL BOARD

MENU– by pressing this key the display will reveal three options:
Addr– this allows setting of the DMX address from 1-512 using the up and down buttons ▲
Fan– this adjusts the fan speed in 10% increments min 10%, max 100%
Time– this shows the operation time remaining on the machine

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REMOTE CONTROL OPERATION:
1. The machine can be operated via DMX or wireless Remote control.
2. There are two separate controls a wireless controller (A) and wired remote (B)

A →   ← B

Operation of Remote:
1. Plug the wired device into the machine, you can select the machines into three groups using the "dip" switches on the reverse of the wired remote,
Receiver 1– Dip 1, Receiver 2– Dip 2 , Receiver 3—Dip 3.
1. When the machine is switched on the LED on the front of the wired remote will be red after 5 minutes the LED will turn to green and the machine is ready for operation.
2. Using the wireless remote you have a total of eight functions as follows:-

1. Spark On
2. Spark Off
3. Spark for 10 seconds
4. Group 1 spark (Receiver = 1)
5. Spark for 20 seconds
6. Group 2 spark (Receiver = 2)
7. Spark for 30 seconds
8. Group 3 spark (Receiver = 3)

DMX CONTROL OPERATION.

The unit operates with two channels of DMX as follows:-

FIRST CHANNEL	FUNCTION
0	FOUNTAIN OFF
1-255	FOUNTAIN ON
SECOND CHANNEL	**FUNCTION**
0-20	Pre-heat off, the first channel is invalid
50-100	Pre-heat on, the first channel is valid
150-200	Clear material, the first channel is invalid

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DMX OPERATION.

1. To set the DMX address press the "MENU" button on the control board located on the machine.

2. Select the "Addr" on the display panel and press "ENTER", you can then use the up and odwn keys to select the DMX address from 1 to 512.

3. Each Sparkulator will use 2 channels of DMX as shown on the chart.

4. Once you have the required address then press "ENTER" which will confirm.

Warranty

This product carries a 1 year warranty from the date of purchase subject to the following conditions:

*   This warranty is only valid for products used in accordance with the manufacturer's Instructions.
*   This product must not be modified or changed in any way. Any such modifications will invalidate this warranty.
*   Proof of purchase will be required in order to validate warranty.
*   No responsibility or liability is accepted for any direct or consequential damage, loss or other expense arising from misuse, or incorrect installation or operation of this appliance.