

## SB200 Falling Snow Machine Quick Start Guide



### Safety Information:

Please read the following safety information carefully before operating the machine.  
Pay attention to all warning labels and instructions in this manual and printed on the machine.

- Always connect to a grounded circuit to avoid risk of electrocution.
- Before connecting machine to power, always check voltage indicated on machine (240v) matches to your local AC voltage.
- Do not use the machine if AC power voltage does not match.
- Keep the inside of this machine dry. Do not expose to rain or moisture. If fluid is spilled, disconnect AC power and clean with a damp cloth. If fluid is spilled onto electronic parts, immediately unplug the machine and contact FX Live for advice.
- Never try to repair this product, unauthorized technicians may lead machine to damage or malfunction.
- Install in well-ventilated area. Provide at least 50 cm space around the machine.
- Never add flammable liquid of any kind to the machine.
- Make sure there are no flammable materials close to the machine while operating.
- Only use FX Live ProFlake Falling Snow Fluid. Other fluid may lead to malfunction.
- If the machine fails to work, unplug the machine and stop operation immediately.
- Before transporting the machine, ensure the fluid tank is completely drained.

Contact FX Live for advice.



## In the box:

Please check the following are included when you receive the machine.

- 1 x SB200 Falling Snow Machine
- 1 x Power cable
- 1 x Ceeform 16amp to 13amp adapter
- 1 x Fluid Line
- 1 x Barrel Cap
- 1 x Priming tube.
- 1 x Remote Control
- 1 x 15-meter hose
- 1 x Snow head and clamp
- 1 x Quick start guide

## Setting the Machine Up

Remove and unravel the hose from the case. Feed the hose through the side door and connect to the machine via the cam lock.

Connect the fluid line from the end of the hose to the machine.

If the heater cable is present, connect to the machine.

Connect the power cable to either a 16 amp, or 13amp power source.

Remove the remote control from its bag, unravel the cable and plug in to the front panel.

On the Snow Machine's Control Panel set the Power switch to ON.

To operate machine via remote control, ensure timer switch on the front panel is set to OFF.

## Operating the Remote Control

### Timer Mode

Switch from OFF to TIMER.

Follow the on-screen instructions by pushing and twisting the TIMER knob.

RUN time is the time the machine will run in Hours, minutes and seconds. Example 00hrs 2 mins 00 sec

CYCLE time is the time for one complete cycle of the timer. Example 00hrs 12 mins 00 sec

So, if you want the machine to run for two mins and off for 10 mins, then set run time to 2 mins and cycle time to 12 mins.

The first time the timer is set, there is a five second countdown before it starts.

### Manual Mode.

Switch from OFF to MANUAL (Fan and pump run)

Turn FAN SPEED and FLAKE SIZE to max.

When gun starts to produce snow, turn FLAKE SIZE off.

Tweak final desired flake size by adjusting FAN SPEED and FLAKE SIZE (Gun flake size adjuster if needed)

*Note: Keep the FLAKE SIZE low to conserve fluid; the SB-200 can pump fluid 100ft vertically (option extension hoses available)*

If you set the FLAKE SIZE too high, apart from wasting fluid, build up will increase and a less realistic snow effect will occur.

## DMX Operation.

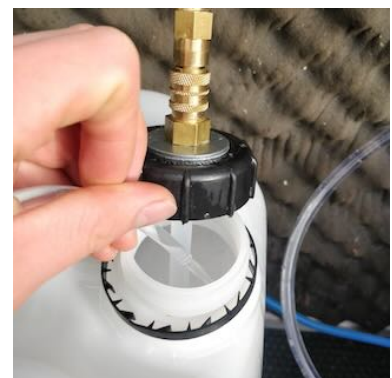
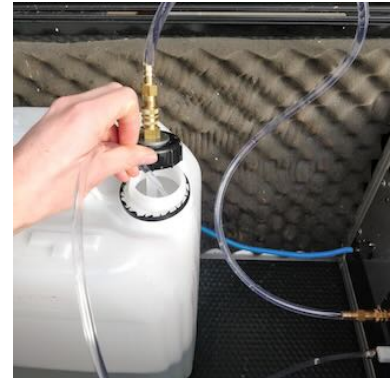
The SB200 has full DMX 512 capability. On the front panel are 2 five pin DMX sockets (in & out) and a dip switch for setting the start address. The machine requires 4 channels to operate. It is assumed that those wishing to use DMX will have knowledge of the system and how it operates. A small cross head screwdriver is required to access the dip switch.

**CH1** on/off (on > 50% off < 50%), **CH2** Fan Speed 0-100%, **CH3** Flake size 0-100%, **CH4** reserved/not used.

## Priming Tube

**THESE SHOULD ONLY BE USED IF THE MACHINE HAS BEEN LEFT TO RUN DRY**

- Ensure the machine and the remote are powered OFF.
- Ensure that a barrel of ProFlake with enough fluid to run the machine is inside the case. Unscrew the barrel cap, leaving the 'fluid in' line connected between the barrel cap and the machine.
- Unplug the 'fluid out' line from the machine (this is the tube that feeds into the side of the hose). A small amount of fluid may leak from the line and the machine.
- Remove the Priming Tube from its resealable bag and, holding the open end into the barrel, insert the plastic connector into the 'fluid out' port on the machine. A small amount of fluid may begin to immediately move through the tube. The connector requires a firm push until it clicks into place.
- The next steps involve moving fluid into and through the machine so it is vital that the open end of the Priming Tube is held into the barrel at all times to avoid spills and waste!





## Priming Process

- Power the machine ON and wait for the LED to glow green.
- Flip the switch on the remote to MANUAL for 30 seconds, ensuring flake size is set to MAX.
- Fluid should begin to move from the barrel and out of the small fluid Priming Tube into the barrel.
- The machine is fully primed when the fluid leaving the Priming Tube has turned from white to clear.
- If the priming is unsuccessful after 30 seconds, please repeat the previous 3 steps.
- Once the machine is fully primed, power down the machine.
- Disconnect the Priming Tube, watching for spills, and place it back into its resealable bag. (The Priming Tube can be drained by depressing the end of the connector while holding the open end into the barrel.)
- Reconnect the fluid line from the hose into the machine, screw the barrel cap into place and run the SB200 as normal.

## Service and Maintenance

- Do not allow the machine to become contaminated. Excessive dust, liquid and dirt built up will degrade performance and cause overheating.
- Remove dust from air vents with air compressor, vacuum or a soft brush.
- Only use a damp cloth to clean the casing.
- It is recommended to run the machine monthly to achieve best performance and output condition.
- Do not use dirty or contaminated fluid.

## Technical Data

Weight	54 kg
Machine Dimensions	120cm long x 50cm wide x 55cm high
Current	11.75 Amps
Power	2.8 KW
Voltage	220- 240 volt
Noise Output	70 db case, 75 – 80db gun.
Permissible snow fluids	ProFlake
Fluid consumption	Dependent on flake size, 90 mins per 20L Barrel average
Internal tank capacity	20Ltrs
Ingress protection	IP24 (Lid Closed)
Operating temperature range	Event -5 to +40 deg C
Operating modes	Wired remote, Stand-alone & DMX 512
Plug fuse	13-amp 6.3 x 20 slow blow.
Pump fuses	5-amp 5 x 20 slow blow
PCB fuse	500ma 5 x 20 fast blow (not user serviceable)