MTFX WINTER EFFECTS

Specifications:

Size: 57 x 57 x 57cm

Shipping size:
81 x 80 x 65cm

Equipment weight: 24kg

Shipping weight: 64.5kg

Voltage: 220v

Power connector: 16A Ceeform

Peak amps drawn: 10A

Decibels: 74db at 3mtrs

Suggested for set up: 1 Person

Horizontal snow throw: 12mtrs at 10mtr mounting height

Vertical drop snowfall area: 5mtrs at 10mtr mounting height

Additional requirements: MTFX snow fluid

Notes:
When using with a lighting desk never set the control dial higher than 512

The Snow Mini is an evaporative snow machine which creates a realistic falling snow effect for indoor or outdoor use. Snow can be blown upwards from ground level or downwards from a truss-mounted aerial position.

How to set up and use a Snow Mini machine

1. Prepare the area you intend to direct your snowfall making sure it is dry and free of obstructions. Note that if the snowfall surface area is linoleum or smooth, and if the Snow Mini is mounted too low some flakes can create a slippery floor. Always locate the Snow Mini in a well ventilated area. Never block or cover the intake or nozzle discharge of the Snow Mini or the internal blower can be damaged.
2. Mount the Snow Mini on a secure, dry and level platform or mount on a truss. For safety reasons, the unit should be unplugged from the electrical outlet while placing it in your desired location. The Nozzle should be pointed in the direction you want it to spray snow.
3. Place a bottle of approved snow fluid into the bottle holder and place the clear end of the fluid tube into the bottom of the bottle (Fig 2).
4. Connect the unit to a power supply and press the power switch on (Fig 3).
5. If the solution has drained out of the clear tube during a rest period, it may take a minute or two for the pump to self-prime.
6. To turn the unit off press the power switch off (Fig 3).
7. Use the tables overleaf to set up timers or switch to DMX control by setting the code on the rotary switch.

Safety

Do not operate the Snow Mini in the rain. The unit is not waterproof. In the event of the unit getting wet immediately unplug the machine and cease use.

Fig 1. Snow Mini

Fig 2. Fluid tube

Fig 3. On/off switch

Fig 4. Control mode dial

Fig 5. The Snow Mini blowing snow

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The following tables show all the settings that can be attained with the use of the three digit rotary switch located on the back of the device. An 'X' indicates that the number in that position does not matter for the required result to be attained. Switch A is in the hundreds position, Switch B is in the tens position, and Switch C is in the ones position.

Table 1- Mode Settings

A	B	C	Mode
0	0	0	Idle
0	0	1	
:	:	:	DMX
5	0	9	
5	1	0	
:	:	:	Idle
5	9	9	
6	X	X	5 Min Cycle
7	X	X	15 Min Cycle
8	X	X	Always On
9	X	X	Remote

Table 1 shows that there are six modes in which the device may operate: Idle, DMX, 5 minute cycle, 15 minute cycle, always on, and remote.

Table 2 – 5 Minute Cycle

A	B	C	ON Time	WAIT Time
6	0	X	15 Seconds	4 Minutes 45 Seconds
6	1	X	30 Seconds	4 Minutes 30 Seconds
6	2	X	1 Minute	4 Minutes
6	3	X	1 Minute 30 Seconds	3 Minutes 30 Seconds
6	4	X	2 Minutes	3 Minutes
6	5	X	2 Minute 30 Seconds	2 Minutes 30 Seconds
6	6	X	3 Minutes	2 Minutes
6	7	X	3 Minute 30 Seconds	1 Minute 30 Seconds
6	8	X	4 Minutes	1 Minute
6	9	X	4 Minute 30 Seconds	30 Seconds

Table 2 displays the settings for the 5 minute cycle. Within this mode, the device cycles are dependent on the B switch setting. The cycle time is the total time of the event, and the "on time" is the length of time of snow output, similar to the duration in the "DMX mode". Otherwise, the machine is in a WAIT state

Table 3 – 15 Minute Cycle

A	B	C	ON Time	WAIT Time
7	0	X	45 Seconds	14 Minutes 15 Seconds
7	1	X	1 Minute 30 Seconds	13 Minutes 30 Seconds
7	2	X	3 Minutes	12 Minutes
7	3	X	4 Minutes 30 Seconds	10 Minutes 30 Seconds
7	4	X	6 Minutes	9 Minutes
7	5	X	7 Minute 30 Seconds	7 Minutes 30 Seconds
7	6	X	9 Minutes	6 Minutes
7	7	X	10 Minute 30 Seconds	4 Minute 30 Seconds
7	8	X	12 Minutes	3 Minutes
7	9	X	13 Minute 30 Seconds	1 Minute 30 Seconds

Table 3 displays the settings for the 15 minute cycle. Within this mode, the device cycles are dependent on the B switch setting. The cycle time is the total time of the event, and the "on time" is the length of time of snow output, similar to the duration in the "DMX mode". Otherwise, the machine is in a WAIT state

Table 4 – Flake Size Settings

A	B	C	Flake Size
6/7	X	0	1
6/7	X	1	2
6/7	X	2	3
6/7	X	3	4
6/7	X	4	5
6/7	X	5	6
6/7	X	6	7
6/7	X	7	8
6/7	X	8	9
6/7	X	9	10

Table 4 shows the use of switch C during 5 minute or 15 minute cycle modes (Switch A is 6 or 7). Switch C controls the flake size.