

# General Operating Instructions

## Operating Instructions:

The T-1500 Mini has some simple instructions that must be carefully followed in order to create the desired evaporative snowfall, ensure the safety of the operators/participants and to protect the equipment from damage.

### PLEASE FOLLOW THESE INSTRUCTIONS CAREFULLY.

**1)** Prepare the area you intend to direct your snowfall. Review "Diagram 1" on page 12 which shows approximate spread of the evaporative snow. Always prepare your snowfall area making sure it is dry and free of obstructions. Note that if the snowfall surface area is linoleum or smooth, and if the T-1500 Mini is mounted too low (See Chart 2), some flakes can create a slippery floor. Always locate the T-1500 Mini in a well-ventilated area. **Never block or cover the intake or nozzle discharge of the T-1500 Mini or the internal blower can be damaged.**

**2)** Mount the T-1500 Mini on a secure, dry and level platform. Since the larger the flake size the slower it will be to evaporate, Chart 2 recommends Rotary Switch or Remote settings to minimize residue on the ground. For safety reasons, the T-1500 Mini 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. Hang or route the 30 ft. tethered remote as required to the desired operating location without pinching the wire. **Do not operate the T-1500 Mini in the rain. The T-1500 Mini is not waterproof. If it gets wet, unplug the snow machine and contact**

404-644-2801

### Chart 2

#### Approximate Rotary Switch or Dial Remote Settings

Relative to Mounting Height to Minimize Residue

Rotary Switch Setting	or Remote Setting 900s	Snowflake Size	Mounting Height
880-899	5	1/4 - 1/2 inch	30 ft
879-860	4	3/16 - 3/8 inch	25 ft
859-840	3	1/8 - 1/4 inch	20 ft
839-820	2	1/16 - 3/16 inch	15 ft
819-800	1	0 - 3/16 inch	10 ft*

**\* 10 ft is probably too low to prevent some residue on the ground.**

**3)** If the snow solution is a concentrate, prepare the snow solution in the empty plastic gallon bottle provided (located in the T-1500 Mini solution bottle well) per the "Solution Mixture" section of this manual (See Chart 1). If the correct water/concentrate mix is not blended properly, the T-1500 Mini may not create the ideal evaporative snowflakes. Place the clear tube in the container with the "Solution Mixture" and push it down so that the open end reaches the bottom of the filled container. The pump in the T-1500 Mini is self-priming.

**4)** In order to start the T-1500 Mini, plug the Snow Machine power cord into an outlet with a 3<sup>rd</sup> lead grounded conductor (preferably a Ground Fault Circuit Interrupt -GFCI). Next, turn the power

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switch "ON" in the back of the T-1500 Mini. If you are using the DMX features, read the section on DMX settings to get the proper response. If you are using the remote, set the DMX display on the back of the T-1500 Mini unit to any number between 900-999. Press the "ON" switch on the tethered remote to start the snowfall. Adjust the dial on the remote to set the desired snowflake size (See Chart 2). Rotate the dial clockwise to obtain larger flakes and counterclockwise for smaller flakes. If the flakes are sticking to the ground during an initial run, adjust the dial counterclockwise, after drying off the ground surface (snowflakes accumulate more easily on a wet surface). Press "OFF" to turn off the snow on the tethered remote. Do not operate the T-1500 Mini without the clear tube submerged in the filled solution container.

5) If the solution has drained out of the clear tube during a rest period for the T-1500 Mini, it may take a minute or two for the pump to self-prime itself from the solution container liquid.

6) On the tethered remote, a blinking light signifies that the Power is "ON". A constant light from the LED signifies that the T-1500 Mini is blowing evaporative snow. If the light on the remote is completely off, the unit is not powered up and cannot be controlled from the remote.

7) To turn the power OFF, push down on the red "O" button on the back of the unit.



## DMX Settings T-1500 Mini

The DMX settings are key to the operation of the T-1500 Mini. The three-digit number on the back of the T-1500 Mini panel determines the operation mode for the T-1500 Mini. Warning: there are DMX settings where the T-1500 Mini will appear not to operate, so always review the tables below during setup and operation .

8	9	6
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RANGE	ACTIVITY
000      508	DMX Address- Outside Interface
509      599	Standby- No Activity
600      699	Short Cycles of ON/OFF Activity
700      799	Long Cycles of ON/OFF Activity
800      849	Zero to Minimal Snow-Blower Operates
850      859	Snow Flurry- Lowest Outputs
860      879	Light Snowfall- Smallest Flakes
880      889	Sub-Blizzard- Larger Snow Flakes
890      895	Ideal Range of Operation at 30 ft height
896      899	Maximum Snow Output- Largest Flakes
900      999	Remote Control Activated (Note: 5 Pin DMX must be disconnected.)
See Chart 2 for Remote Controlled Flake Size	