

SOLSTICE

MODULAR SNOW SYSTEM



MASTER FX

USER MANUAL

IMPORTANT: READ AND SAVE THESE INSTRUCTIONS



SOLSTICE
MODULAR SNOW SYSTEM

THANK YOU FOR YOUR PURCHASE!

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SOLSTICE

UNPACKING & INSPECTION

Upon receiving your Solstice or Solstice Pro, open the package and carefully remove contents to verify all components are accounted for and have been shipped and handled with care. If any parts are damaged or missing, notify your Master FX dealer.

Packing list includes, but is not limited to:



SOLSTICE

- (1) Solstice Snow Machine
- (1) Neutrik PowerCon TRUE1 Power Cable
- (1) 5 Liter Container with Quick Connect
- (1) Quick Connect Hose Set Up



SOLSTICE PRO

- (1) Solstice Snow Machine
- (1) Neutrik PowerCon TRUE1 Power Cable
- (1) 20 Liter Container with Quick Connect
- (1) Quick Connect Hose Set Up
 - (1) 30ft Hose Extension
 - (1) Mounting Bracket

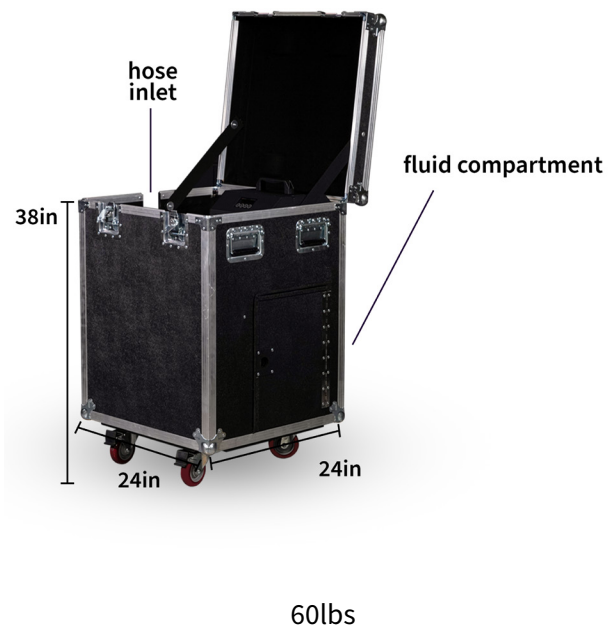
DIMENSIONS & OVERVIEW



SOLSTICE



SOLSTICE PRO



Rated Voltage: 120vac
Frequency: 50/60hz
Power Consumption: 900W
Breaker: 15A 250V



SAFETY



Please read the following information very carefully before operating your machine. This article contains important details regarding set up, usage, and maintenance. Failure to abide by all warning labels and instructions may result in personal harm, machine malfunction, and a void in warranty.



Persons with asthma or allergic sensitivity may experience irritation, discomfort, or other allergic symptoms when exposed to artificially produced snow. Please allow sufficient air circulation when operating the Solstice.



Prior to connecting power to your Solstice, verify the machine's operating voltage matches your provided voltage. Failure to do so may cause internal damage and a void in warranty.



Operate only in a well ventilated area and never leave unattended. Please allow at least 6 inches of space around unit to avoid blocking air flow to the fan.



Keep the unit dry and away from any moisture and flammables.



Only use Master FX Snow Fluids. Use of any other fluids will result in a voided warranty. Always use caution when pouring fluid and avoid any contact with hands and eyes. If contact occurs rinse thoroughly. If you experience irritation seek medical advice. Refer to the Master FX Snow Fluid SDS for proper handling.



If machine is not working properly, promptly stop use and contact your Master FX dealer. Repair and service is to be done only by authorized technicians. Failure to comply will result in a voided warranty.



To avoid slipping hazards, do not aim output over high traffic areas. Master FX Snow fluid is a dry formula, but when operating at a high volume output there is a risk of moisture accumulation.



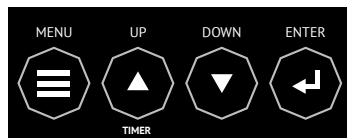
GETTING STARTED

1.) Place the Solstice on a flat surface with at least 6 inches of open space around the machine to ensure the fan vents are not blocked. You may also mount the Solstice from truss. To avoid spilling fluid on to the machine, remove 5L or 20L container before filling with Master FX Snow Fluid. **Use Master FX Snow Fluids only.** Once full, return the container to the machine and use the quick connect to attach fluid hose. Next, connect the Neutrik Powercon TRUE1 to proper power supply. To determine suitable power requirements, please refer to the power ratings label on the front of the machine.

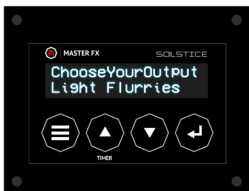


2.) Once power is connected the OLED screen will read “Welcome to the Solstice” followed by “**Snow is in the Forecast**”. You are now ready to begin snowing.

3.) Before proceeding, it is important to understand what each button and setting does. Please see the diagram below for the button layout. To open settings, touch the menu button, scroll using the Up/Down arrows, and save your setting by pressing enter.



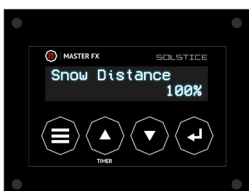
SETTINGS



CHOOSE YOUR OUTPUT: The Solstice is equipped with 2 presets for a quick and easy start. Choose between “**Light Flurries**” or “**Snow Fall**”. You may also scroll to “Manual Setting” to customize your own forecast. Once selected, press enter to start and stop Snowing.



SNOW OUTPUT SET: When operating manually, you are able to change the density of snow, Choose between 1-100%. **NOTE:** When operating at a value over 50%, there is a risk of moisture accumulation. Avoid positioning the output nozzle over high traffic areas.



SNOW DISTANCE: When operating manually, you are able to change the distance of the snow output. Choose between 1-100%.



TIMER: You can operate your Solstice with an integrated timer by simply pressing the up arrow on the homescreen. To cancel the timer operation, select the enter button.

WAIT TIME: Set the delay time inbetween each snow cycle.

SNOW TIME: Select the amount of time the Solstice will Snow before stopping.

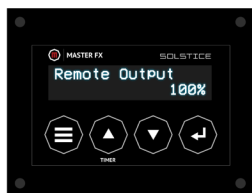
TIMER OUTPUT: Select the Snow intensity when operating in timer mode.



SOLSTICE

SETTINGS CONTINUED

RUN PREVIOUS SETTING: When “On”, the Solstice saves all operating settings for next use.



REMOTE OPERATION: The Solstice can also be controlled by a wired remote. Once connected, the remote precedes all other operation modes except for DMX. To stop and start Snowing, use the power switch on the bottom of the remote. The snow output can be controlled using the dial.



PURGE MODE: If your Solstice runs out of fluid, promptly refill the fluid tank and reconnect. Next, scroll through the settings to “Purge Mode”. Press and hold the enter button to begin purging (*the screen will read “On”*). Hold the enter button until Snow comes out of the output nozzle. Release to stop the process. **NOTE:** Purge mode utilizes an increased output setting which may cause moisture accumulation near output. Avoid purging over high traffic areas.



RDM UID: Your Solstice is equipped with RDM Protocol. To assign a Unique Identifier for DMX, select a number and press enter.

OPERATING WITH DMX OR WIRELESS DMX

The Solstice is equipped with 5 Pin DMX and utilizes **3 Channels**.
(See channel chart below for values). The Solstice also has optional Wireless DMX capabilities.



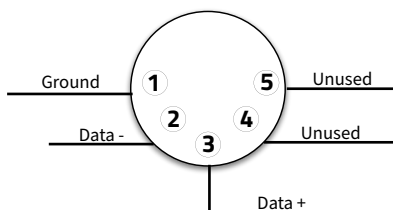
Begin by selecting the channel you would like to use. Press enter once your channel has been selected.



W-DMX: If you’re operating via the optional wireless DMX, turn the power on for wireless DMX attachments by going through the settings and selecting “On.”

NOTE: The Solstice utilizes wireless DMX protocol from Wireless Solution.

PIN LAYOUT



Channel	Control	Value	Function
1	Output	0-255	Volume of Snow
2	Distance	0-255	Distance of Snow
3	Power	1-127	Machine On
3	Power	128-255	Machine Off

TIP: If you’re operating via dmx, but the machine is not responding, verify the W-DMX option is “off”.

CLEANING YOUR SOLSTICE

Before storing your Solstice or Solstice Pro for the off-season, it is important to clean your machine as a preventative maintenance measure. If Snow Fluid is left in the machine for an extended time, the fluid will become extremely thick and clog the lines. This will result in pump failure and a voided warranty.

How to Clean Your Solstice: With the output directed to a drain, run the machine with warm distilled water at 100% output for 1-2 minutes or until no snow or foam is observed at the output. Next, operate the Solstice with Master FX Snow Machine Stabilizer for 10 seconds, or 1 minute for the Solstice Pro. Once complete, your machine is safe for extended storage.

When removing from storage, operate the Solstice with Master FX Snow Fluid until snow is seen from the output. Direct the nozzle downwards during this process to allow any liquid to drain out of the system.

WARRANTY TERMS

**Please Visit [MasterFX.com/Warranty](https://www.masterfx.com/Warranty) to Register your Solstice Master FX reserves the right to alter the following terms and conditions if contingencies develop which were not apparent at the time of sale.*

The warranty is valid to the original purchaser only and covers all internal components and required labor for the first 10 years from the date of purchase. Master FX and approved dealers will still perform repairs and regular maintenance outside of the 10 year warranty at the owner's expense. The timeline of repair is at the discretion of Master FX and approved dealers. All repairs must have an RA (Return Authorization) number clearly noted on the box prior to returning for service, any packages without an RA will not be accepted. To schedule repairs and receive a RA, please email info@masterfx.com or call 877.578.6577. The customer is responsible for any shipping cost that may incur.

Insignificant deviations of the regular production quality do not guarantee repair or replacement rights. Moreover, the warranty does not cover faults or defects caused by misuse or negligence; e.g. improper ventilation, dropping machine, exposure to moisture, etc. The use of any fluids other than Master FX Snow Fluid is strictly prohibited. Failure to comply will void your warranty. Moreover, tampering with the internals and modifications will also void the warranty. All service is to be done by Master FX authorized technicians only. Master FX is not liable for repair delays due to fire, strikes, or causes beyond our control.

HOW TO GET SERVICE

To inquire about repairs or maintenance, email info@masterfx.com or call 877.578.6577

