

## MAGICFX® SWIRL FAN



# **1. SAFETY**

## **1.1 INTRODUCTION**

The Swirl Fan has been designed and constructed in such a manner that it can be used safely. This applies to the use, the circumstances and the regulations as described in this documentation. Reading this documentation and following the instructions are therefore necessary for everyone who is authorised to work with the Swirl Fan.

The Swirl Fan must be placed and used in surroundings that preferably:

- Have a reasonably stable temperature of between 0 and 30°C.
- Have a relative humidity degree of no more than 75%.
- Are reasonably free of dust, corrosive gases and high concentrations of organic vapours.
- Are not situated in the vicinity of a source of vibration.

## **1.2 GENERAL SAFETY RULES**

- Make sure that children, unauthorised people and animals do not obtain access to the Swirl Fan!
- Safety devices may not be removed or disabled.
- All required safety devices must be in good condition and function properly.
- Ensure sufficient lighting of the surroundings.
- Keep the workplace clean.
- Only authorised persons may carry out work with the Swirl Fan.

## 2. INSTALLATION

Prepare the Swirl Fan for use as follows:

1.



Remove the grid by turning the fastener in the left direction and lifting the grid up by hand.

2.



Fill the reservoir of the Swirl Fan with confetti.



Make sure that the confetti stays under the blades of the fan so the blades are free to move.  
If you fill too much confetti, the blades can't move and the motor will be damaged.

3.



Connect a certified safety cable to the safety ring on the motor and connect the other side of the safety cable around the truss so the motor of the machine is secured to the truss.

**4.**



Place the grid back on the machine and screw on the turn fastener to secure it.

**5.**



Mount the Swirl Fan in a truss construction and make sure the truss clamps are connected tightly.

Connect the safety cable which is attached to the motor to the truss.

**6.**






Connect an IEC power cable to a 230V Switch or to a dimmer.



If you are using a dimmer, carefully read the manual of the dimmer manufacturer.

### 3. USAGE

	<p><b>TIP:</b> Gives you suggestions and advice regarding easier or more convenient ways to carry out certain tasks.</p>
	<p><b>CAUTION:</b> The machine can be damaged, if you do not follow these procedures carefully.</p>
	<p><b>DANGER WARNING:</b> The MAGICFX® Swirl Fan may only be installed by adults and authorised persons.</p> <p>The Swirl Fan may only be operated if all parts are completely and correctly installed/connected.</p>

For using the Swirl Fan take the following steps:

**1a**



Push the switch of the 230V on/off controller in the ON position.

The Swirl Fan will now fan out the confetti at full speed.

**1b**



If the Swirl Fan is connected to a DMX dimmer pack:

Open the fader of the installed DMX channel on the DMX controller to control the effect.

By a dimmer you can choose/control the output of confetti.

#### 4. TURNING OFF

Turn off the Swirl Fan as follows:

1.



Remove the power cable.

Remove the safety cable and take the Swirl Fan out of the truss construction.

2.



When the machine is disconnected from the power supply, and when the blades are not turning anymore, open the grid to remove remaining confetti.

3.



Place the grid back on the machine again.

## 5. TROUBLESHOOTING

- **The Swirl Fan is filled with confetti, and connected to the power supply but there is no confetti coming out.**

Check the level of confetti in the reservoir and make sure the level of confetti is below the blades of the fan so they are free to move.

- **The Swirl Fan is connected to a dimmer but there is no confetti coming out.**

Make sure that the dimmer is controlling the Swirl Fan for minimum 20%. When the dimmer is operating at less than 20% the machine doesn't get enough power to start and the motor can damage.

- **The Swirl Fan still does not work after troubleshooting**

Always contact your dealer or the MAGIC FX technical department if you have any doubts or questions about the operation of or other issues related to the Swirl Fan.

## 6. TECHNICAL SPECIFICATIONS

Dimensions and weight	Length:	500mm (19.7")
	Width:	500mm (19.7")
	Height:	375mm (14.8")
	Weight:	12 Kg (26.5lbs.)
Power	Input:	AC 230V~50-60Hz
	Consumption:	460W (Full Power)
	RPM	1400 (Full Power)
Confetti	Max input:	1Kg / 2.2lbs. (Paper)    2Kg / 4.4lbs. (Metallic)