

MAGICFX[®] SWIRL FAN XL

PRODUCTCODE : MFX0702
VERSION : 1.0
DATE : 03.06.2012



1. CONGRATULATIONS!

You have purchased a Swirl Fan XL, a great and innovative product from MAGICFX®.

MAGIC FX is a Dutch manufacturer of professional special effects machinery and equipment. We have specialized in special effects since we established our business in 1995. All products are manufactured under the brand name MAGICFX®, which has acquired an excellent reputation for quality and reliability. All products are manufactured in accordance with the European Machinery Directive. MAGIC FX handles the entire production in-house from concept to finished product. We take care of the design, prototyping and manufacturing process.



MAGICFX® products are used by special effects professionals around the world and distributed by a dealer network across more than 80 countries.

You can rely on MAGICFX® for excellent effects!
We work hard to keep you, our customer, satisfied.

Congratulations and a lot of success and amazing shows with your new MAGICFX® Swirl Fan XL!

The logo for MAGICFX® is displayed in a large, bold, black, sans-serif font. The letters are thick and blocky, with a registered trademark symbol (®) at the end of the word.

2. CE MARKING

	<p>NOTE: We must assume that you, your employees and others who use or come into contact with the machine are familiar with how the machine should be utilized. This specifically pertains to the proper use, maintenance and repair of the machine as described in this user manual. This also means that employees should be qualified to use machinery through training or experience. It is required that the user of this product has followed a training for the correct use of this product. Trainings are provided by MAGIC FX.</p>
	<p>DANGER WARNING: The Swirl Fan XL must only be used according to the prescriptions and instructions in this manual. Consult MAGIC FX if there are any doubts about usage.</p>

Disclaimers:

MAGIC FX B. V. specifically disclaims liability for unsafe situations, accidents and damages caused by:

- Ignoring warnings or prescriptions displayed on the Swirl Fan XL or in this documentation.
- Using the equipment for other purposes or situations than specified in this documentation.
- Modifications to the Swirl Fan XL. This includes the use of non-original spare parts.
- Improper maintenance.
- Unauthorized removal of safety covers and/or safety devices.
- Improper use of the machine.

MAGIC FX B.V. is not liable for any damages due to failures of the Swirl Fan XL.

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MAGIC FX reserves the right to make modifications at any time without having to notify the customer beforehand. The content of this manual may also be modified.

For additional information about maintenance, repair, and so on, please contact your supplier's technical department. This manual was written with the utmost care. MAGIC FX cannot be held liable for errors contained in this document or consequences thereof.

3. DECLARATION OF CONFORMITY

DECLARATION OF CONFORMITY

(according to Annex IIA of the Machinery Directive)



With respect to the Machinery Directive.
MAGIC FX B.V.
Industrieweg 16
5281 RW Boxtel
The Netherlands

Hereby declares under our sole responsibility:
We are the manufacturer of the product:

MFX0702 - MAGICFX® Swirl Fan XL

to which this declaration pertains and it is in conformity with the provisions of the following guidelines:

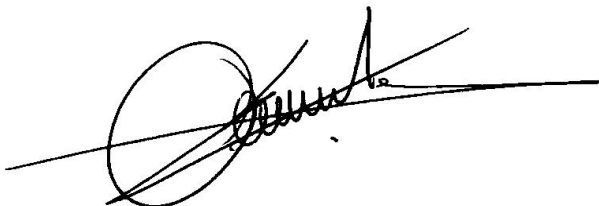
- Machinery Directive 2006/42/EG

The following harmonized standards are applicable:

- NEN-EN-ISO 12100-1
- NEN-EN-ISO 12100-2

City: Boxtel
Date : 08-06-2010

Name: MAGIC FX

A handwritten signature in black ink, appearing to be 'B. Veroude', written over a horizontal line.

Director: B. Veroude

4. FOREWORD

This manual provides pertinent information about the MAGICFX® Swirl Fan XL. The information in this manual is important with respect to the proper and safe operation of the Swirl Fan XL. If you are not familiar with the installation, operation, preventive maintenance, etc., of the Swirl Fan XL then read this manual in its entirety. MAGIC FX also urges all new users (operators, installers, maintenance staff and possibly cleaning staff) to receive training on the equipment using this manual as the basis for the training.

MAGIC FX recommends you keep the original of this manual and its attachments in a secure central location, and, keep another copy of this manual close to the workplace where the Swirl Fan XL will be used.

If you are well acquainted with the proper handling of the equipment then keep this manual handy for reference.

The following conventions are used in this manual to draw your attention to specific information or actions.





	TIP: This provides you with suggestions and advice on how to perform tasks in an easier or more convenient way.
	NOTE: This is a note providing supplemental information that alerts you to possible problems.
	CAUTION: This indicates that the equipment may be damaged if procedures are not carried out in the proper manner.
	DANGER WARNING: This indicates that you may cause yourself injury, possibly serious, if procedures are not carried out in the proper manner.

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5. INTRODUCTION

5.1 DESCRIPTION OF THE SWIRL FAN XL AND ITS USAGE

The Swirl Fan XL is designed to spread confetti from above a stage, catwalk or dance floor. The Swirl Fan must be mounted in a truss construction and is only suitable for spreading tissue paper or metallic PVC confetti of MAGIC FX.

Any other use than intended use described above, connect your supplier of any responsibility

5.2 NECESSARY ACCESSORIES

The following parts are required with the Swirl Fan XL:



	
Manual	IEC cable

Table 5.1

6. SAFETY

6.1 INTRODUCTION

The Swirl Fan XL should be located and used in an environment that preferably:

- Has a fairly constant temperature between 0 and 30°C.
- Has a relative humidity not exceeding a maximum of 75%.
- Is reasonably free of dust, corrosive gases, and high concentrations of organic vapors.
- Does not contain any source of vibrations in the environment.

The Swirl Fan XL is designed and constructed so that it can be used in a safe manner. Specifically, this refers to the usage, situations, and prescriptions for the device as described in this documentation. It is the responsibility of all persons authorized to use the Swirl Fan XL to read and follow the instructions in this manual.


6.2 GENERAL SAFETY RULES

- Ensure that the Swirl Fan XL is not accessible to children, unauthorized persons, or animals!
- Do not touch the Swirl Fan XL when it is operational or turned on. Even if the device is not in operation it might be ready to activate.
- Safety devices must not be removed or rendered inoperative.
- All required safety devices should be in good working order and functioning properly.
- Ensure that there is adequate lighting in the environment.
- Keep the workplace clean.
- Only authorized persons may work with the Swirl Fan XL.


6.3 WARNINGS

There are several warnings displayed on the Swirl Fan XL to which the following restrictions apply:

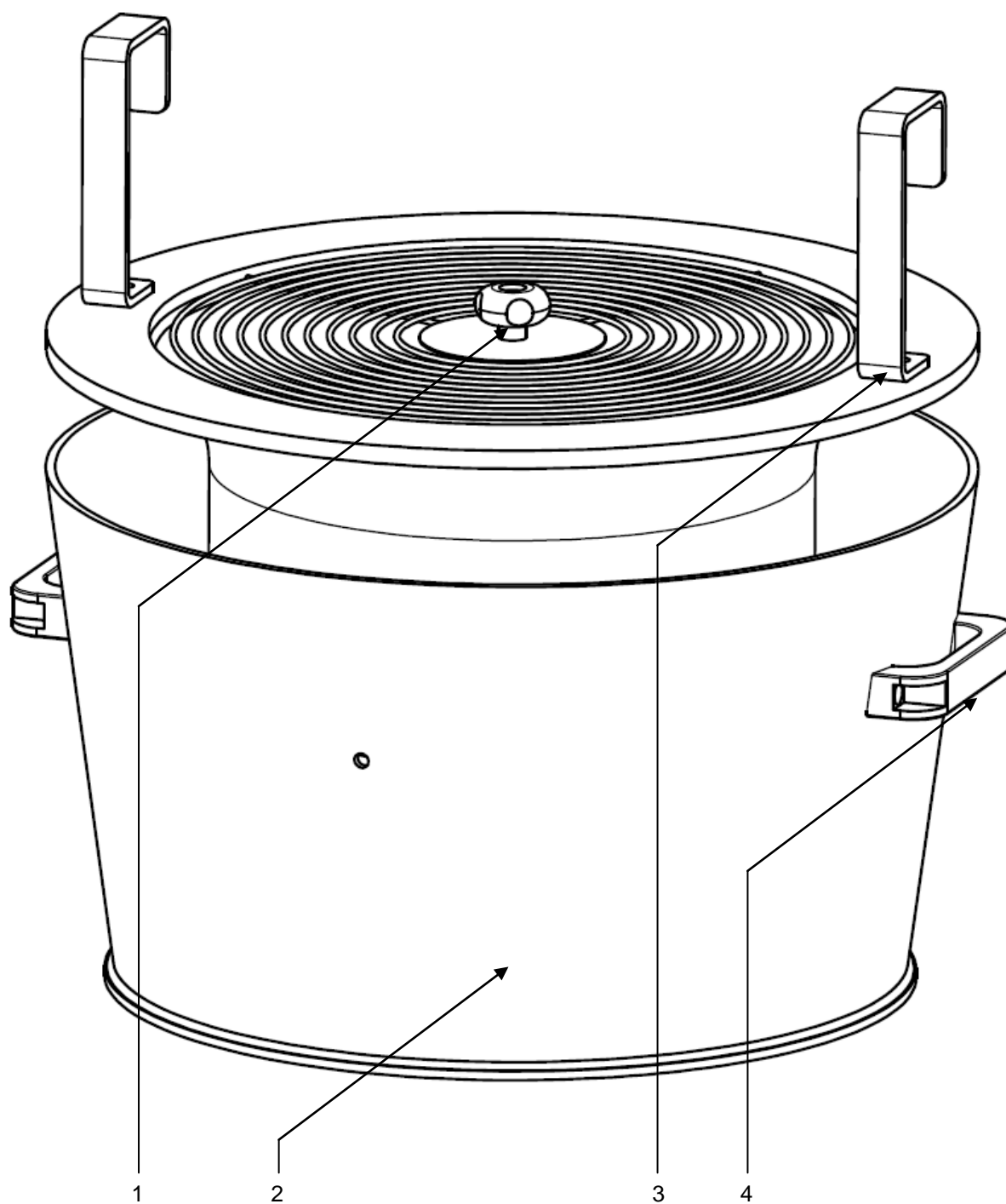
- The text must not be removed or otherwise spoilt. The operator should regularly check that the warnings are in good condition.
- The operator must ensure that the text is always visible and legible and that it remains so.

	<p>DANGER WARNING: Any missing, damaged, or illegible text or icons must be replaced.</p>
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The icons used are shown below:

Icon	Explanation
 PIC 334 moving parts (blades)	<p>A warning for danger for turning parts (blades of the fan) must be indicated using the PIC 334 icon.</p> <p>This icon is placed on the top of the Swirl Fan XL.</p>

7. PARTS



8. ACCESSORIES



Table 8.1

You can order the above parts from:



MAGIC FX B.V.
Industrieweg 16
NL-5281 RW BOXTEL
The Netherlands
T. +31(0)411 63 50 13
F. +31(0)411 63 50 12
W. <http://www.magicfx.eu>
E. info@magicfx.eu



9. PREPARATION FOR USE

Unpack the Swirl Fan XL. Dispose of packaging material without causing harm to the environment. Check the device for any possible damage. You must report any damage to the device to MAGIX FX.

10. INSTALLING

	<p>CAUTION: This indicates that the equipment may be damaged if procedures are not carried out in the proper manner.</p>
	<p>DANGER WARNING: The MAGICFX® Swirl Fan XL may only be installed by authorized adults.</p>

Prepare the Swirl Fan XL 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.

4.



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.

5.



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

6.



Mount de 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.

7.






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.

11. USAGE

	<p>TIP: This provides you with suggestions and advice on how to perform tasks in an easier or more convenient way.</p>
	<p>CAUTION: This indicates that the equipment may be damaged if procedures are not carried out in the proper manner.</p>
	<p>DANGER WARNING: The MAGICFX® Swirl Fan XL may only be operated by authorized adults.</p> <p>The Swirl Fan XL may only be operated if all parts are entire and in good working order and properly connected/installed.</p>

Operate the Swirl Fan XL as follows:

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.

12. TURNING OFF

Turn off the Swirl Fan XL 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 and put the machine in a flightcase to protect it during transport.

13. TROUBLESHOOTING

- **The Swirl Fan XL 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 XL 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 XL 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 XL.

14. 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 (idle)
	RPM	1400 (Full Power)

15. MAINTENANCE

To prolong the life of the Swirl Fan XL for as long as possible, you must regularly clean it and test that it functions properly.

Regardless of the reason, contact MAGIC FX if the Swirl Fan XL does not work properly



DANGER WARNING:
Never replace parts yourself. Always consult MAGIC FX when needed.

16. GUARANTEE

The MAGIC FX Swirl Fan XL has a 3 year factory guarantee.

- The guarantee is annulled should the Swirl Fan XL be used for purposes other than intended or for applications that are not listed in the manual.
- The guarantee is annulled should the device be used incorrectly or in a manner contrary to its instructions.
- The guarantee is annulled if the device is altered without the permission of its supplier.