FAN-1

Special Effects Fan

User Manual

Congratulations on the purchase of your new Special Effects Fan. Prior to use, we suggest that you carefully read all of the instructions. By following the suggestions found in this user manual, you can look forward to the reliable and satisfactory performance of your Fan-1 Special Effects Fan for years to come.

1. Wind machine DMX interface and Build-in LCD display for stage and touring applications. .
2. Compact metal enclosure with brackets for road use
3. Great effect when used e.g. with fog, snow and bubble machines
4. Convenient control via LCD remote with 50 m range
5. Control via rotary switch or via integrated DMX interface
6. Air discharge angle adjustable
7. Low power consumption

TECHNICAL SPECIFICATION

Model	FAN-1
power supply	230Vac,50Hz
Power consumption	120W / 0.56A
airflow	30 m³/min
Remote included	Build-in LCD on board controller
Range	approx. 50 m
Speed	2500 RPM
DMX512	One channel 3-PIN
Dimensions	509 x 122 x 443mm
Weight	9.5Kgs

PACKAGE CONTENTS

Please check the contents to ensure that the product has been received in good condition.

1) 1 X FAN

2) 1 X Power Cord

3) 1 X Wireless remote (optional)

4) 1 X User Manual

If you find any accessory is missing or the machine has arrived with any problems, please contact your local dealer at once . Do not try to fix this item yourself or you will lose the warranty. Please keep the original package and invoice for any possible replacement or return demand .

SAFETY INSTRUCTION

Please read the following notes carefully because they include important safety information about the installation, usage, and maintenance of this product.
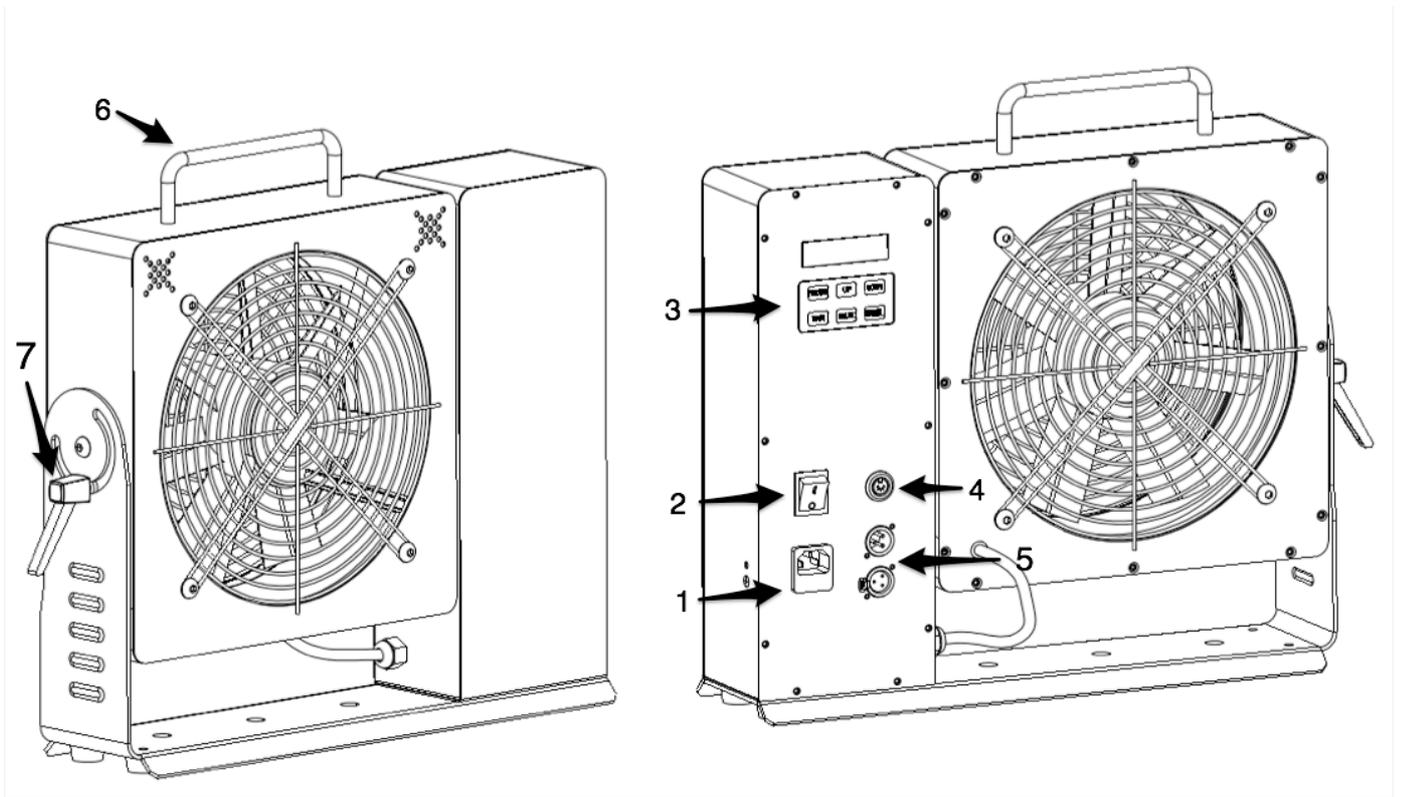
1. Operate only with adult supervision.

2. Keep hands off and do not insert any objects into the fan.

3. This fan is not water-resistant. Avoid splash water.

4. Unplug the machine when it is not in use or unattended.

5. Prevent the vents from being blocked by anything.

CONNECT WITH POWER SUPPLY –THE GROUND WIRE MUST BE CONNECTED

Use the plug to connect to the main power supply as follows:

Wire	Connection	International signal
Brown	Live	L
Blue	Neutral	N
Yellow/Cyan	Earth	⏚

LAYOUT FAN-1

1. Power input with fuse holder
2. Power switch on/off
3. Buil-in LCD display
4. Wireless remote controller stocket
5. 3-PIN DMX in/out
6. Handle
7. Rotary switch for angle adjustable

OPERATION

Control Panel Operation

Control Panel Description

Button	Function
FUNCTION	Enters the programming mode
VOLUME	Controls the the wind speed
TIMER	Starts the timer controlled operation
MANUAL	Allows momentary 100% wind speed for as long as the button is held down
UP	Navigates upward through the menu list or increases the numeric value when in a function
DOWN	Navigates downward through the menu list or decreases the numeric value when in a function

Control Options

You can set the FAN-1 starting address in the **001**–**512** DMX range. This enables control of up to 512 products in the 1-channel personality.

Programming

Refer to the **Menu Map** to understand the menu options. The menu map shows the main level and a variable number of programming levels for each option.
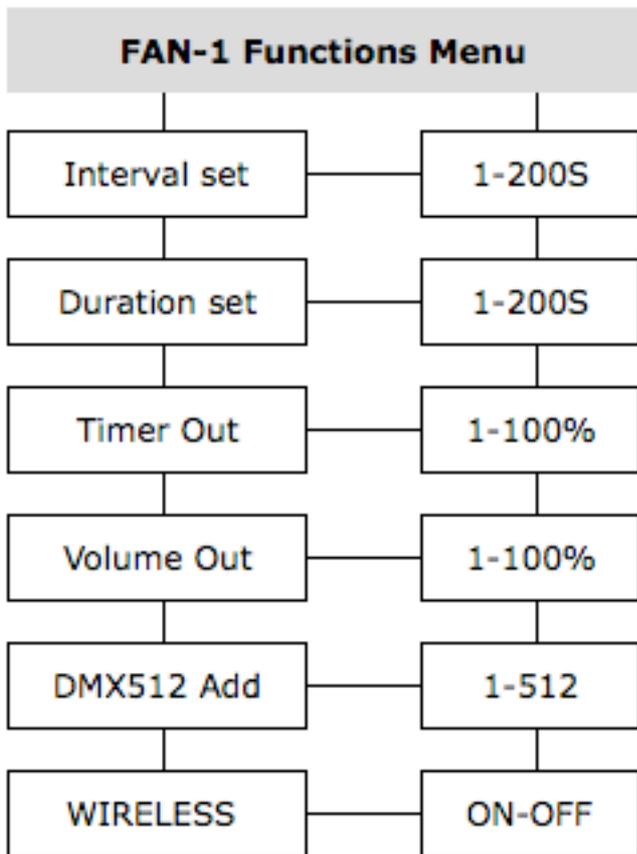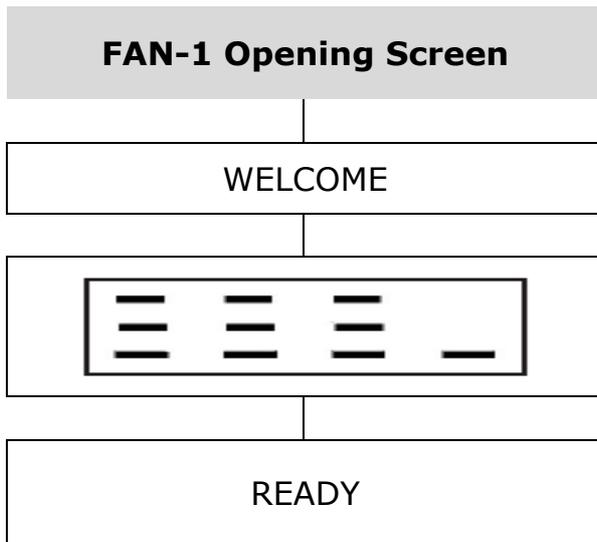
Startup

The FAN-1 has an On/Off switch. Make sure that the switch is in the OFF position before plugging the FAN-1 into power. To start up the FAN-1, do the following:

1. Prepare for operation, connect the FAN-1 to power.

2. Press <**VOLUME**>.

3. Adjust wind speed by using <**UP**> or <**DOWN**>.

Repeat the startup procedure after transporting the FAN-1

Menu Map

FAN-1 Opening Screen

WELCOME

☰☰☰ _

READY

FAN-1 Functions Menu	
Interval set	1-200S
Duration set	1-200S
Timer Out	1-100%
Volume Out	1-100%
DMX512 Add	1-512
WIRELESS	ON-OFF

Starting Address

The FAN-1 uses up to 1 DMX channel in its DMX mode, which defines the highest configurable address to **512**. To select the starting address, do the following:

1. Press <**FUNCTION**> repeatedly until **DMX512 Add.** shows on the display.

2. Use <**UP**> or <**DOWN**> to select the starting address **1–512**.

Make sure that the starting addresses on the various products do not overlap due to the personality setting.

Setting the Wind speed

To adjust the wind speed, do the following:

1. Press <**FUNCTION**> repeatedly until **Volume Out** shows on the display .

2. Use <**UP**> or <**DOWN**> to select the desired percent wind speed (**1–100%**)

3. Press <**VOLUME**> to initiate this speed.

4. Press <**VOLUME**> again to trigger with this wind speed setting.

After turning off the FAN-1, this wind speed setting will remain in its memory. To change the wind speed for subsequent operation of the FAN-1, simply repeat the steps above.

Timer Mode

When in Timer mode, the FAN-1 will produce wind in pre-configured time intervals defined by the **Interval Set** and D**uration Set** menu options. In addition, the wind speed during Timer mode is set by the **Timer Out** menu option. See the **Timer Mode Parameters** section for details about how to configure these parameters.

To operate in Timer mode, do the following:

1. Press <**TIMER**> and the display will show a countdown of the interval timer.

2. When the counter reaches zero (**0**), the FAN-1 will start working .

3. The fan working duration during Timer mode is set by the Duration Set menu option.

4. The wind speed during Timer mode is set by the Timer Out menu option.

5. This cycle will repeat itself until you press <**TIMER**> again or until the FAN-1 power off.

Manual Mode

In the Manual mode, the FAN-1 will produce wind for as long as <**MANUAL**> remains pressed. The wind speed will be at 100%. To operate in Manual mode, do the following:

• Press <**MANUAL**>. This mode will continue until you release <**MANUAL**> or until the FAN-1 power off.

Timer Mode Parameters

These parameters determine the intervals and wind speed for the FAN-1 while in Timer mode.

To configure these parameters do the following.

1. Press <**FUNCTION**> repeatedly until **Interval Set** shows on the display.

2. Use <**UP**> or <**DOWN**> to select the time in seconds (**1–200s**) between fan working.

3. Press <**FUNCTION**> repeatedly until **Duration Set** shows on the display.

4. Use <**UP**> or <**DOWN**> to select the time in seconds (**1–200s**) for the duration of the fan working.

5. Press <**FUNCTION**> repeatedly until **Timer Out** shows on the display.

6. Use <**UP**> or <**DOWN**> to set the wind speed (**1–100%**)**.**

Wireless Mode(Optional)

The FAN-1 has a wireless remote which you can control the unit from about 25m distance, then you need to do the following.

1.Press <**FUNCTION**> repeatedly until **WIRELESS** shows on the display.

2.Use <**UP**> or <**DOWN**> to select **ON**.

Note: Selecting **OFF** turns off the wireless .
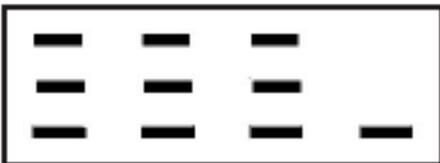
Wireless Emitter Description （optional）

1. ON

2. OFF

3.LED indicator

Press the ON button to turn on the continuous working and the OFF button to stop working.

If the remote is not working then you may need to pair the wireless controller with the fan.

Ensure the wireless remote mode is turned on (see next section) Turn on the machine and the LCD display will show as below

During this time press and hold any button on the wireless controller until the display flashes twice to indicate a match. (Note this can take up to 12 seconds)

Once this has been done the wireless remote frequency will be stored and there will be no need to do this again.

Fuse Replacement

Unplug the IEC power cable before replacing the fuse! Always replace with same type of fuse.

1.   Using a flat head screwdriver, remove the fuse holder from the IEC housing.

2.   Remove the bad fuse from the fuse holder.

3.   Insert the new fuse into the fuse holder.

4.   Install the fuse holder in the IEC housing.

DISPOSAL

Please disposal of the unserviceable device according to the current statutory requirements.