

---

# ***LectroFan***

**Electronic Fan and White Noise Machine**



## **Owner's Manual**

---

- **Getting Started**
- **Product Features**
- **Technical Reference**
- **Warranty Information**

To Our Customers,

Thank you and congratulations on your purchase from Adaptive Sound Technologies, Inc. (ASTI). You now own the most versatile fan sound synthesizer and white noise generator on the market today. With twenty (20) unique sounds, precise volume control, and a built-in hour timer, LectroFan is in a class by itself.

If you have any suggestions or ideas on how we can make our products better, please let us know.

ASTI, Campbell, CA. 95008

[www.LectroFan.com](http://www.LectroFan.com)

### **Write down your Serial Number**

*(Label looks like this)*

Record your serial number here. You can find it on the bottom of the unit. Refer to these numbers whenever you contact your reseller regarding this product.



Model Number: **ASM1007**

*(Your number will be different)*

Name/Part Number: \_\_\_\_\_

Serial Number: \_\_\_\_\_

Date of Purchase: \_\_\_\_\_

### **Protect your warranty**

Please complete your warranty registration with your reseller using their recommended procedure.

## Table of Contents

<b>Plug it in .....</b>	<b>4</b>
<b>Pick your Sound .....</b>	<b>5</b>
<b>Timer .....</b>	<b>6</b>
Power-on Default .....	6
Restoring Factory Settings (Reset).....	6
Using An External Timer Or Power Strip .....	6
<b>Technical Information .....</b>	<b>7</b>
Trouble Shooting.....	7
<b>Safety, Warranty, and Certifications .....</b>	<b>8</b>
Safety Instructions .....	8
One Year Limited Warranty .....	9
FCC Declaration .....	11
Software Licensing.....	11
<b>Customer Support .....</b>	<b>12</b>

# Plug it in

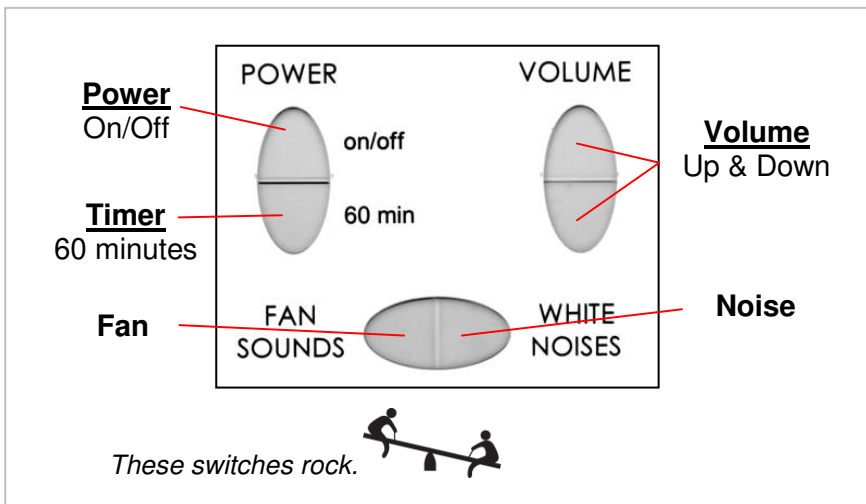
**Unpack the LectroFan.** The package contains:

- LectroFan Unit
- AC Power Adapter and USB Cable

## **Connect AC Power.**

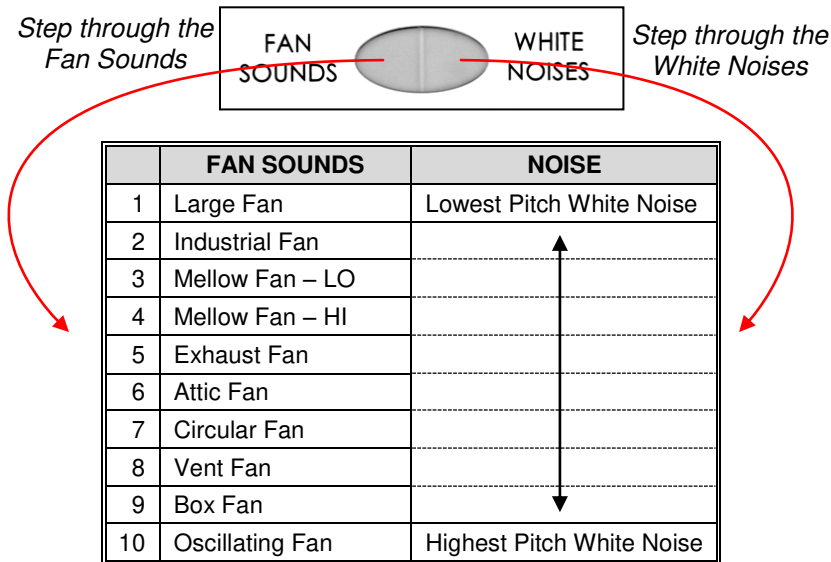
1. Plug the included **USB Cable** into the **Power Adapter**.
2. Plug the other end of the **USB Cable** into the LectroFan (bottom).
3. Plug the **Power Adapter** into an AC wall outlet.
4. **Unit turns on.** It comes on right away, but you can change that.  
(See: *Power-on Default.*)

\* The USB cable can also be plugged into a PC or LAPTOP to power the unit. LectroFan does not support USB audio; the USB cable is only used to provide power the unit.



# Pick your Sound

- Press the **Fan Sounds** button (left side) to play fan sounds. Press it again to play the next fan sound.
- Press the **White Noises** button (right side) to play white noise sounds. Press it again to play the next white noise.



To signal a return to the first Fan Sound or White Noise you will hear a short rising tone (“whoop” sound).

**LectroFan** will remember the last Noise and Fan setting that you made when changing Modes. This way you can easily switch back and forth between your favorite Fan Sound and your favorite White Noise.

*NOTE: All user settings are saved when **LectroFan** is turned off using the Power Button, but not saved if the unit is simply unplugged.*

# Timer

Turning On **LectroFan** results in continuous play, until the Timer is turned on. The Timer sets the Unit to play for a minimum of one hour and then gradually shut Off. **LectroFan** will create a short “dip” in the sound when you press the Timer Button so you’ll know for sure you have pressed it.

*NOTE: The Timer can be set to 60 minutes by pressing the Timer Button once. Press the Timer Button additional times to add 60 minutes to the time you would like **LectroFan** to play.*

POWER



on/off

60 min

**Timer Button**

## **Power-on Default**

If you don’t want the Unit to turn On immediately when you first plug it in, you can disable that function with this procedure:

1. Turn Off the Unit with the Power Button.
2. Press and hold down the Volume Down Button while pressing and releasing the Power Button.
3. Turn Unit Off. To enable this function again perform a Factory Reset.

## **Restoring Factory Settings** (Reset)

Turn the Unit Off. Press and hold the Power Button down until **LectroFan** makes a short rising tone (“whoop” sound) and it is Reset. After performing the Reset the Fan Sound is set to “Large Fan”, the White Noise is set to “White Noise #1”, the Mode is set to “Fan Mode”, the volume is set to a nominal level, and **LectroFan** is set to turn On immediately when power is first applied.

## **Using An External Timer Or Power Strip**

If you use a switched power strip or your own external timer to supply power to your **LectroFan**, be sure to switch **LectroFan** Off and then back On using the Power Button when you change your settings— only then will **LectroFan** remember them!

# Technical Information

Unique Fan Sounds	10
Unique White Noises	10
Speaker Compensation	multi-band parametric EQ
Power Requirements	5 Volts, 500 mA, DC
Product Dimensions	4.4" x 4.4" x 2.2"

## Trouble Shooting

If your unit exhibits a problem, try the actions below to resolve the problem.

SYMPTOM	POSSIBLE CAUSE	SOLUTION
No operation when power switch is pressed	Unit Plugged In?	Check that the USB cable is firmly plugged into the Power Adapter, and the Power Adapter is plugged into an AC outlet.
	Faulty wall outlet	Try another AC wall outlet.
Unit is On, but no sound	Volume is set too low	Press or hold Volume Up Button down to increase the Unit's volume level.
The Unit goes On immediately when I plug it in!	This mode is set by default to allow you to use an AC power timer	You can disable this function by 1) Turn Unit Off 2) Press and hold down Volume Down Button 3) Press and release Power Button 4) Release Volume Down Button
I want a noise sound but I hear a fan sound	You are in the "Fan Mode"	Press the "Noise Button" to enter Noise Mode. Press repeatedly and you will step through all the White Noises. Stop when you find your favorite.
I want a fan sound but I hear a white noise	You are in the "Noise Mode"	Press the "Fan Button" to enter Fan Mode. Press repeatedly and you will step through all the fan sounds. Stop when you find your favorite.
Other unexpected behavior	Try the "factory reset" procedure	1) Plug Power Plug into an AC outlet 2) Press Power Button to turn Off 3) Press and hold the Power Button 4) Release Power Button when Unit makes a "whoop" sound.
Settings not saved?	Not using Power Button to turn off the machine	LectroFan only remembers your settings when you turn it Off using the Power Button.

# Safety, Warranty, and Certifications

## Safety Instructions

Read and adhere to all safety and operating instructions before use. Keep this booklet for future reference.

1. **WARNING: Do Not Operate Heavy Machinery or Motor Vehicles While Using this Device.**
2. The unit should be cleaned regularly with a soft, dry cloth. The grill may be vacuumed to remove excessive dust or particle build-up. Do not use any liquids or sprays (including solvents, chemicals or alcohol) or abrasives to clean.
3. The unit should not be used near water, such as a bathtub, swimming pool, faucet or basin to avoid electrocution.
4. Be careful to avoid dropping objects or spilling liquids onto the unit. If liquid is spilled on the unit, unplug and turn it upside down immediately. Allow it to dry thoroughly (one week) before plugging it into a wall outlet again. Following these instructions does not ensure that the unit will be operational.
5. Do not reach for the unit if it has fallen into water. Unplug it immediately at the wall outlet, and if at all possible drain water before retrieving the unit.
6. The unit should be situated away from heat sources such as radiators, heat registers, stoves or other appliances (including amplifiers) that produce heat.
7. Avoid placing the unit in areas that are exposed to direct sunlight or close to heat-radiating products such as electric heaters. Do not place unit on top of stereo equipment that radiates heat.
8. Avoid placing in areas that are dusty, humid, moist, lack ventilation, or are subject to constant vibration.
9. The unit may be subject to interference from external sources such as transformers, electric motors or other electronic devices. To avoid distortion from such sources, place the unit as far away from them as possible.
10. Do not apply excessive force when using any of the control switches.
11. Power cords should be routed to avoid being walked on or pinched by items placed on or against them.
12. Unplug the AC power plug from the wall outlet when the unit is unused for long periods of time or when moving the unit.



13. Do not attempt to service the unit yourself beyond what is described in the operating instructions.

### **One Year Limited Warranty**

Warranty only applies to units purchased from authorized **LectroFan** resellers.

ASTI warrants this product against defects in materials and/or workmanship under normal use for a period of ONE (1) YEAR from the date of purchase by the original purchaser ("Warranty Period"). If a defect arises and a valid claim is received within the Warranty Period, at its option, ASTI will either 1) repair the defect at no charge, using new or refurbished replacement parts, or 2) replace the product with a current product that is close in functionality to the original product. A replacement product or part, including a user-installable part installed in accordance with instructions provided by ASTI, is covered by the remaining warranty of the original purchase.

When a product or part is exchanged, the replacement item becomes your property and the replaced item becomes ASTI's property.

Obtaining Service: To obtain warranty service please call, or email, your reseller. Please be prepared to describe the product that needs service and the nature of the problem. All repairs and replacements must be authorized in advance by your reseller. A purchase receipt must accompany all returns. Service options, parts availability and response times will vary.

Limits and Exclusions: This Limited Warranty applies only to the ASTI **LectroFan** unit, ASTI power cable, and/or the ASTI power adapter. It does NOT apply to any bundled non-ASTI components or products.

This warranty does not apply to: a) damage caused by failure to follow instructions relating to the product's use or to the installation of components; b) damage caused by accident, abuse, misuse, fire, floods, earthquake or other external causes; c) damage caused by service performed by anyone who is not a representative of ASTI; d) accessories used in conjunction with a covered product; e) a product or part that has been modified to alter functionality or capability; f) items intended to be periodically replaced by the purchaser during the normal life of the product including, without limitation, batteries or light bulbs; or g) any and all pre-existing conditions that occur prior to the effective date of this Limited Warranty relating to any product sold "as is" including, without limitation, floor demonstration models and refurbished items.

ADAPTIVE SOUND TECHNOLOGIES, INC. (ASTI) SHALL NOT BE LIABLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES RESULTING FROM THE USE OF THIS PRODUCT, OR ARISING OUT OF ANY BREACH OF THIS WARRANTY. TO THE EXTENT PERMITTED BY APPLICABLE LAW, ASTI DISCLAIMS ANY AND ALL STATUTORY OR IMPLIED WARRANTIES, INCLUDING, WITHOUT LIMITATION, WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND WARRANTIES AGAINST HIDDEN OR LATENT DEFECTS. IF ASTI CANNOT LAWFULLY DISCLAIM STATUTORY OR IMPLIED WARRANTIES, THEN TO THE EXTENT PERMITTED BY LAW, ALL SUCH WARRANTIES SHALL BE LIMITED IN DURATION TO THE DURATION OF THIS EXPRESS WARRANTY.

Some geographic areas disallow the exclusion or limitation of incidental or consequential damages or the length of an implied warranty. As a consequence, some of the above exclusions or limitations may not apply to buyers residing in those areas. This warranty grants specific legal rights to buyers, but other rights may also be granted which vary from country to country, state to state, etc.

## **FCC Declaration**

This equipment has been tested and found to comply with the limits for a Class B Digital Device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy, and if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment to an outlet on a circuit different from the one to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

## **Software Licensing**

The software contained in the **LectroFan** System is licensed to you, not sold to you. This is only to protect our intellectual property and has no affect on your ability to use the **LectroFan** unit wherever you please.

# Customer Support

If you have comments, questions, or problems, please contact your reseller.

## Declaration of Conformity

Trade Name: LectroFan Electronic Fan and White Noise Machine  
Model Name: ASM1007  
Responsible Party: Adaptive Sound Technologies, Inc.  
Address: 1475 South Bascom Ave, Campbell, CA 95008 USA  
Telephone Number: 1-408-377-3411

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.



**ASTI**  
**"LectroFan"**  
**ASM1007**

©2015-2016 Adaptive Sound Technologies, Inc. (ASTI), Campbell, CA.

All Rights Reserved. The 'LectroFan' logo is a trademark or registered trademark of ASTI. All other marks are trademarks or registered trademarks of their respective owners. This product is protected by one or more US patents. Additional patents may be pending.