Antari®
FOG MACHINE

USER MANUAL

ENGLISH

V1.0



SCN-600

Product code: 40110

Scent Machine

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Imported in the EU by Highlite International B.V. – Vestastraat 2 – 6468 EX Kerkrade – the Netherlands
www.highlite.com – sales@highlite.com

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SCN-600
SCENT MACHINE

1. Introduction

Please read all the user manual before operating the machine, and place the manual where the user can refer to it at all times. The manual includes how to install and operate the machine under safe conditions and explains all the labels printed on the machine. If you encounter any problem, contact your local Antari dealer for assistance immediately.

2. Safety Information

DANGER	If the danger is not avoided, it will cause death or serious injury
WARNING	If the warning is not heeded, it can cause death or serious injury.
CAUTION	If the precaution is not taken, it may cause minor or moderate injury.

DANGER

- Must connect the machine to the correct rated voltage or it might lead to an electrical shock or a burn and may cause serious consequences.
- Must connect the machine to a protected circuit and ensure it is properly grounded to avoid the risk of electrocution. For grounding instruction, please refer to Appendix I on page 12.
- Do not operate the machine with a bundled power cord, it could lead to a fire hazard.
- When operating the machine, do not point at people, animals, or fire.

WARNING

- Please keep at least 50 cm distance from the nozzle when the machine is running.
- Please operate the machine on a flat, level hard and well-ventilated surface area, reserve at least 50 cm space around the machine and make sure there is no flammable gas or material nearby.
- Do not disassemble, repair or modify the machine, it may cause damages, malfunction, risk of electrical shock or result in fire.
- The machine can only be operated by adults or professionals, is not intended for use by person with reduced physical sensory, mental capabilities, or lack of experience and knowledge including children.
- Do not leave the machine running unattended, make sure all powers are off when leaving.
- Children should be supervised to ensure that they do not play with the machine.
- Do not use the machine upside down or tilt it, it might cause damages or malfunction.



CAUTION

- Keep the machine dry at all time. The machine is not waterproof, do not expose the machine to water, rain, or moisture environment.
- Please make sure the power outlet is not damaged or loose before plug in the power cord.
- If the power cord is damaged, it must be replaced by Antari or its local dealers, otherwise the warranty will be void.
- Before operating the machine, please make sure the essence oil is filled in the canister to avoid the pump in idling state which could lead to overheat or malfunction.
- Before transporting the machine, please make sure the fluid is drained and the canister is empty. (Recommend using original package)
- The machine is for indoor use only.
- Do not operate the machine in any area with unstable voltage.
- If you experience strange sound or malfunction, turn off the power and unplug the power cord immediately and contact your local Antari dealer for assistant.
- Do not contact any moving part.
- Only use accessories recommended or sold by Antari.
- Please make sure the power is off when not using the machine and unplug the power cord if not intend to use for a long period of time.
- To disconnect, turn all controls to the off position, then remove plug from outlet.
- Do not unplug by pulling on cord. To unplug, grasp the plug, not the cord.
- Unplug from outlet before servicing or cleaning.
- Do not operate the machine with a damaged cord or plug, or after the machine malfunctions or is dropped or damaged in any manner. Return machine to the nearest authorized service facility for examination, repair, or electrical or mechanical adjustment.
- To ensure the lifespan of the machine, please only use the essence oil manufactured by Antari, do not use other fluid or additive, otherwise it may clog the heater and cause malfunction.

3. Package Contents & Inspection

3.1. Package Contents

Immediately upon receiving the machine, carefully unpack the carton, check the content to ensure it is the correct model and all parts are included. If any part appears to be damaged or missing during transportation, please contact your local dealer and return in original package for inspection.

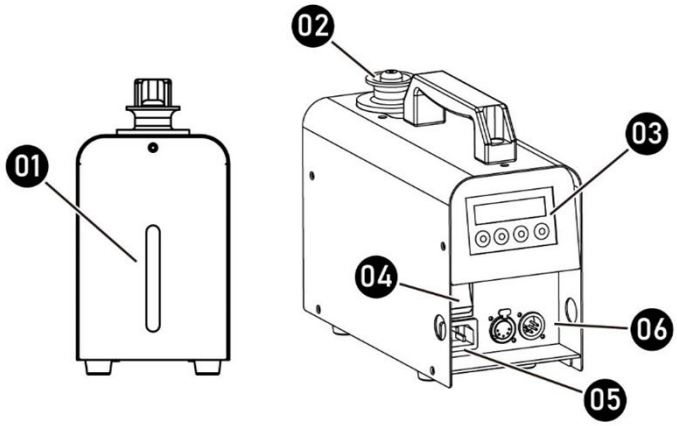
1 x SCN-600 Scent Machine
1 x 150 ml Canister
1 x IEC Power Cable

3.2. Optional Accessories

Item Code	Description
N/A	N/A

4. Machine Details

Figure 1



01. Fluid Level	04. Power Switch
02. Nozzle	05. IEC Power Connector
03. Onboard Digital Control Interface	06. XLR 5-pin Connector DMX

5. Technical Label Information

Please read the technical label information on the back of the machine before operating it.

Figure 2



1. Model Name	5. Breaker/Fuse
2. Input Voltage	6. QR CODE for User Manual
3. Frequency	7. Serial No.
4. Rated Power	

6. Essence Oil

CAUTION
Always turn off the power before filling the fluid tank. Do not add flammable liquid to the fluid tank. If fluid gets inside the machine, please contact your local Antari dealer for assistant.

- Only the essence oil manufactured by Antari can be used, do not mix or dilute the essence oil. Due to improper storage or using other fluid might cause malfunction.
- The machine is tested and calibrated with the specific essence oil to get the best performance.
- Please empty the canister before switching to another fluid to avoid mixing.
- Only the essence oil manufactured by Antari can be used.
- The warranty on your machine will be void if you use essence oil not manufacture by Antari.

7. Setting and Manual Operation



WARNING
Machine falling off might cause serious injury, please make sure it is secure and firm on the overhead.

01) Place the machine on a flat, level hard and well ventilated surface area and reserve at least 50 cm open space around the machine, and make sure there is no flammable gas or material nearby;
02) Fill the cannister with Antari approved essence oil;
03) Connect the machine to the power outlet. Please read the technical label (see 5. Technical Label Information on page 6) on the back of the machine and make sure the power outlet is the correspond to the rated voltage for the machine;
04) Turn on the machine, and it is ready for operation;
05) Please read "8. Control Setting (see 8. Control Settings on page 8)" to operate the machine;
06) To turn off the machine, please make sure the machine is not operating then turn off the power. If you will not use the machine a long period of time, please remove the power cord.

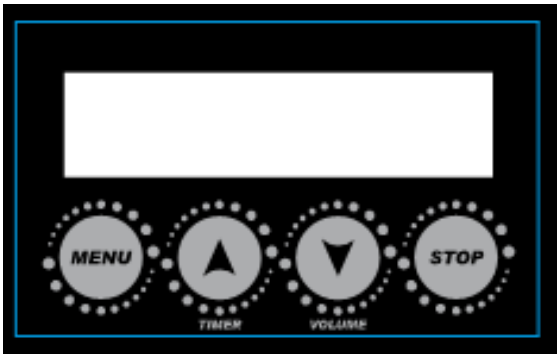
8. Control Settings

SCN-600 Scent Machine can be operated in the following modes. The machine can only accept 1 type of signal at a time. When using different control modes at the same time, the machine will work according to built-in control priority as follow:

- Manual
- Timer
- DMX512

8.1. Control Panel Description

Figure 3



SCN-600 Scent Machine can be operated with the onboard digital control interface.

Button	Operating Method	Action
	Press	Enter menu
	Press	Up/Increase Value (MENU)
	Press	Down/Decrease Value (MENU)
	Press	Start in TIMER mode according to the set time
	Press	Start in VOLUME mode according to the set volume
	Press	1. Leave setting menu 2. Stop

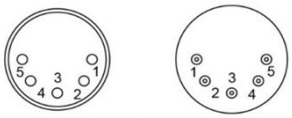
8.2. Menu Options Description

Options	Description
DMX 512 Address: xxx	Set DMX Address from 1 – 512
Interval Set xxx s	Set Interval from 1 – 360 seconds
Duration Set xxx s	Set Duration from 1 – 360 seconds
Run Last Setting On	ON/OFF

9. DMX Connection

9.1. DMX Connector Pin Assignment

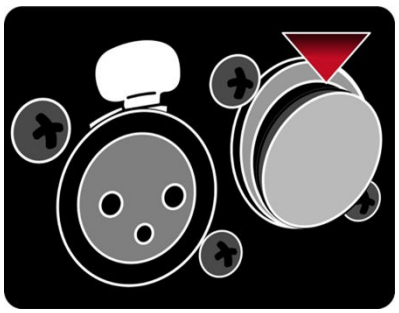
This machine has a XLR 5-Pin connector for DMX connection. The diagram below indicates pin assignment information:



5 Pin XLR

Pin	Function
1	Ground
2	Data-
3	Data+
4	N/A
5	N/A

**There is a protection cap on DMX IN, please remove it with your finger before operation.



9.2. DMX Channel Function

Channel Mode		DMX Value Range	Function
Channel 1	Output	0 – 5	Scent Off
		6 – 255	Scent On

10. Service and Maintenance

DANGER
Disconnect the power cord before starting maintenance operation

- Always keep the machine clean and dry.
- Can use air compressor, vacuum or a soft brush to remove the dust on the machine.
- Can use a slightly damp cloth to clean the casing.
- Before store the machine, please make sure the machine is completely cool down to avoid moisture inside causing malfunction.
- It is recommended to run the machine at least once a month in order to maintain the machine's best performance and output condition.
- Excessive dust and build up liquid residue will reduce the performance and cause overheat.

11. Technical Specifications

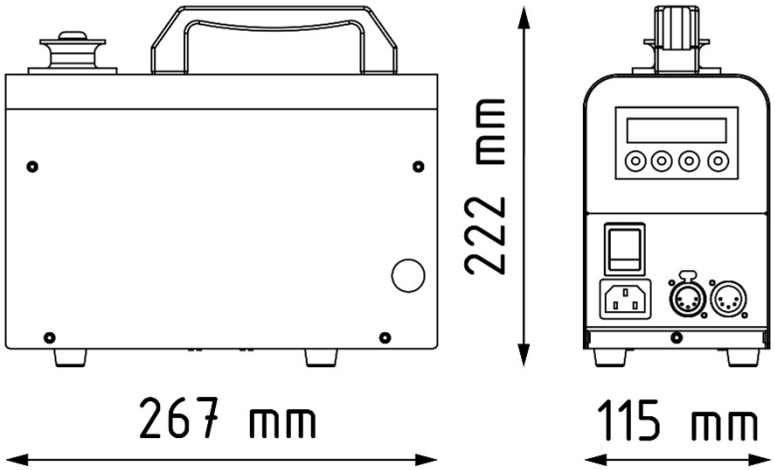
Input Voltage	AC 100 - 240 V, 50 / 60 Hz 0.5A
Rated Power	7 W
Fluid Consumption	1 ml/hour (100% output)
Fluid Tank Capacity	150 ml
Compatible Fluid	ESS-01-CFE ESS-01-CFW ESS-01-CW ESS-01-W
Operating Time	150 hrs (100% Output)
Ambient Temp. Range	5°C – 40°C (41F – 104°F)
Control Methods	Manual Timer DMX 512
DMX Channels	1 Channel
Interface	IEC (Power) XLR 5-Pin (DMX)
Included Accessories	N/A
Optional Accessories	Hanging Bracket
Dimension	L 267 W 115 H 222 mm L10.5 W 4.52 H 8.74 inch
Weight	3.2 kg 7.05 lbs

12. Warranty Disclaimer

We guarantee the merchandise manufactured by us to be free from defect in material and workmanship for a period of one year. Our obligation and liability under this warranty shall be restricted to repair or replacement at our factory or local authorized dealer. We assume no liability of the products that are improperly used or used for any purpose other than that for which they are specially designed. This warranty shall not apply to any merchandise which has been repaired, altered or assembled outside our factory in any way so as in our judgment to affect its performance, nor which has been subjected to misuse, negligence, or accident nor to any merchandise operated contrary to our printed instructions. We will not allow or be liable of any loss or any damages of any kind in connection with the use, sale, or repair of any merchandise purchased from us.

13. Machine Dimension

Figure 4

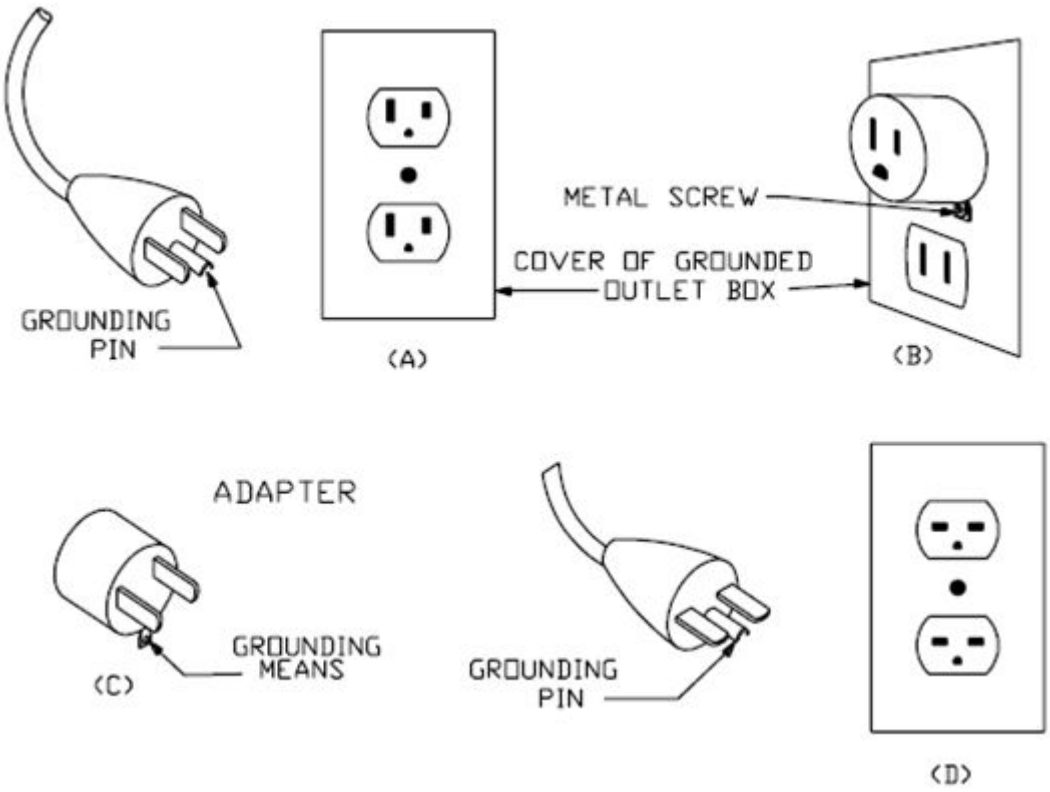


14. Appendix 1 Grounding Instruction

This appliance must be grounded. In the event of malfunction or breakdown, grounding provides a path of least resistance for electric current to reduce the risk of electric shock. This appliance is equipped with a cord having an equipment-grounding conductor and a grounding plug. The plug must be plugged into an appropriate outlet that is properly installed and grounded in accordance with all local codes and ordinances.

DANGER – Improper connection of the equipment-grounding conductor can result in a risk of electric shock. The conductor with insulation having an outer surface that is green with or without yellow stripes is the equipment-grounding conductor. If repair or replacement of the cord or plug is necessary, do not connect the equipment-grounding conductor to a live terminal. Check with a qualified electrician or serviceman if the grounding instructions are not completely understood, or if in doubt as to whether the appliance is properly grounded. Do not modify the plug provided with the appliance – if it will not fit the outlet, have a proper outlet installed by a qualified electrician.

This appliance is for use on a nominal 120 V circuit, and has a grounding plug that looks like the plug illustrated in sketch A in Figure. A temporary adaptor, which looks like the adaptor illustrated in sketches B and C, may be used to connect this plug to a 2-pole receptacle as shown in sketch B if a properly grounded outlet is not available. The temporary adaptor should be used only until a properly grounded outlet can be installed by a qualified electrician. The green colored rigid ear, lug, and the like, extending from the adaptor must be connected to a permanent ground such as a properly grounded outlet box cover. Whenever the adaptor is used, it must be held in place by the metal screw.



Antari is imported by Highlite International B.V.