

iScent by  
Nel-Tech Labs, Inc.

Installation & User Manual

Specially designed for use with

**ae**  
airessentials  
iScent Scenting Packs



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## Introduction:

The iScent is a state-of-the-art scenting unit that allows for several control configurations including continuous, timed, scheduled and remote computer control. When paired with an iLink LCD digital message repeater from Nel-Tech Labs a powerful synchronized *scenting* with *audio* platform can be achieved.

## Unpacking and Inspection:

Before you begin installation, unpack and verify you have all the correct parts.

- (1) iScent
- (1) 12VDC @ 500mA power supply
- (1) 6-Pin expansion connector
- (1) Instruction manual
- (2) Wall mount screws
- (4) Rubber feet

If you are missing any of these parts STOP and call your dealer.

## Ordering iScent Scenting Packs:

iScent Scenting Packs can be purchased through the *Air Essentials* web store at [www.airessentials.com](http://www.airessentials.com).

If you are looking for a customized scent or need help selecting the scent that is right for your retail or public location then give them a call at 1-305-446.1670.

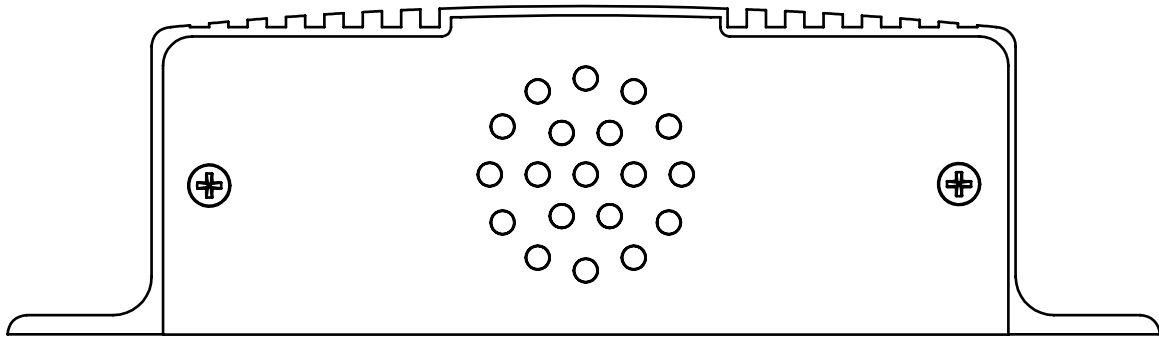
Who is Air Essentials?

Air Essentials provides leading edge scent delivery systems, and develops high quality aroma and essential oil blends. The company has a global distribution network which serves its partners around the world.

We assist companies to determine how to best meet their goals using scent, so that they can create the desired mood, impression or effect by using the right scent in the right environment. In a similar way that an appropriate, well-composed song or melody can have a long-term impact on the listener, so too can a well-thought out scent, and scent delivery method.

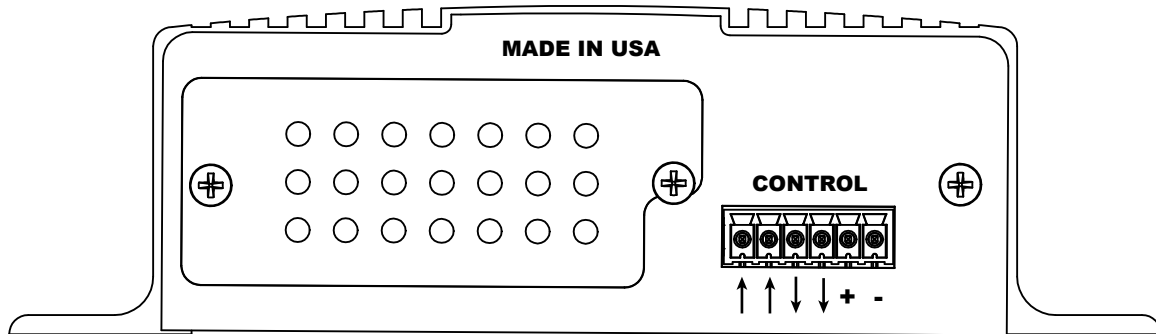
## iScent Layout Summary:

### Front of Unit



FAN VENT - The vent on the front of the unit is for the FAN output. Direct this towards the area to be scented.

### Rear of Unit



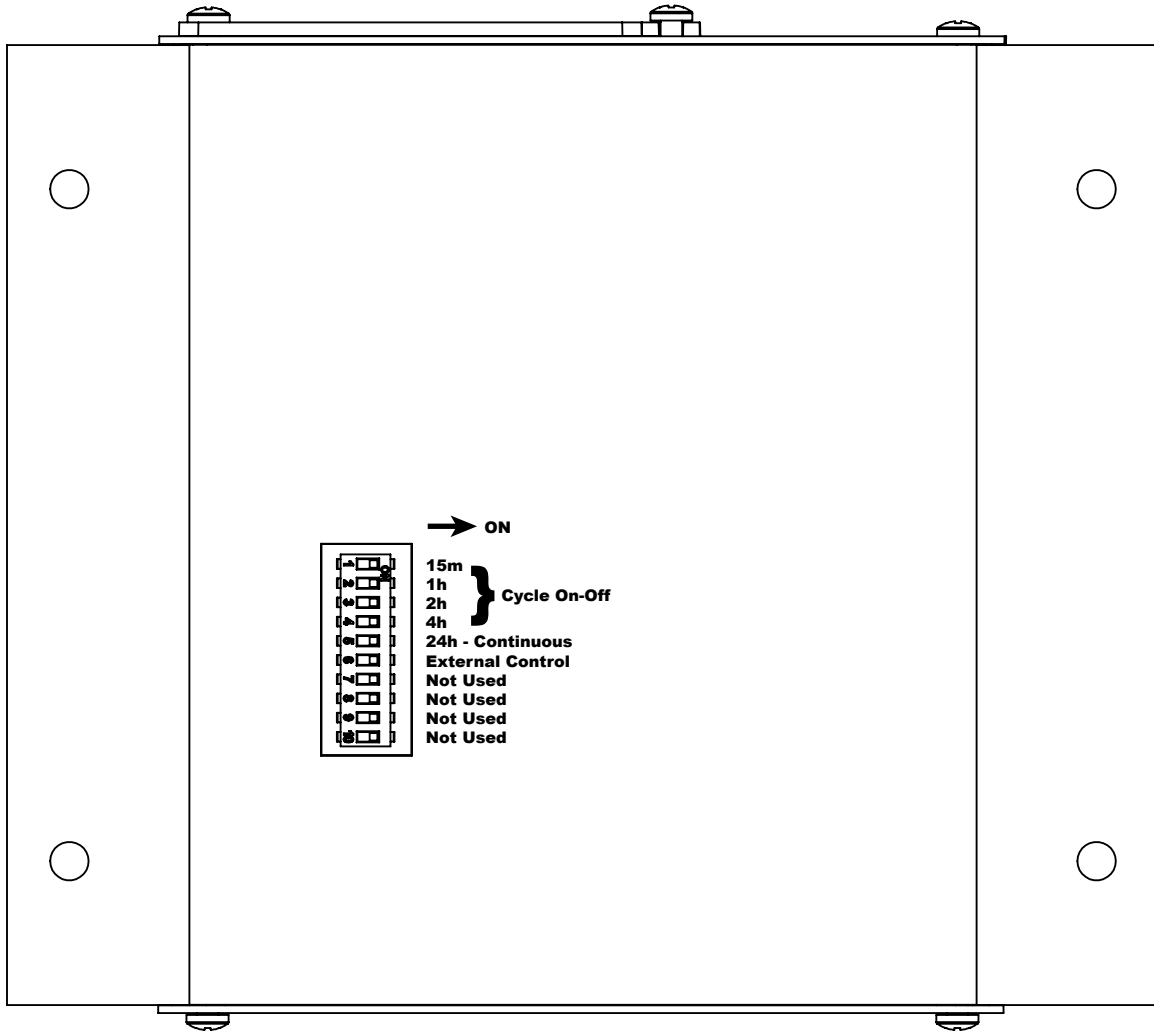
SCENT DOOR - The scent door swings up to allow the insertion of specially designed scent packs.

SCENT FAN INTAKE - The rear of the unit has several vent holes for air intake. Do not block these holes.

CONTROL - The control connector is used for external trigger of the scent unit, daisy chaining of additional scent units and for power. Power on unit is rated at 12VDC @ 100mA.

## iScent Layout Summary (Continued):

### Bottom of Unit



**EXTERNAL CONTROL** - Setting this switch to ON places unit in External Trigger Mode which utilizes pins 1 through 4 of the CONTROL connector on the rear of the scenting unit. This mode allows for control of the unit from an external device such as an iLink LCD digital message repeater from Nel-Tech Labs. If this switch is set to ON then ALL other switch settings will be ignored.

**24H CONTINUOUS** - Setting this switch ON will put the unit in Continuous Operation Mode. Unit will run 24 hours a day - non stop. If this switch is set it will IGNORE the CYCLE ON-OFF settings.

**CYCLE ON-OFF** - Setting any of these switches will put the unit in a Timed Cycle Mode. These switches can be turned ON in any combination.

Example 1 - If a 4 hour on then off cycle is needed, then just the 4h switch would be set to ON.

Example 2 - If a 6 hour on then off cycle is needed, then the 2h & 4h switch would be set to ON.

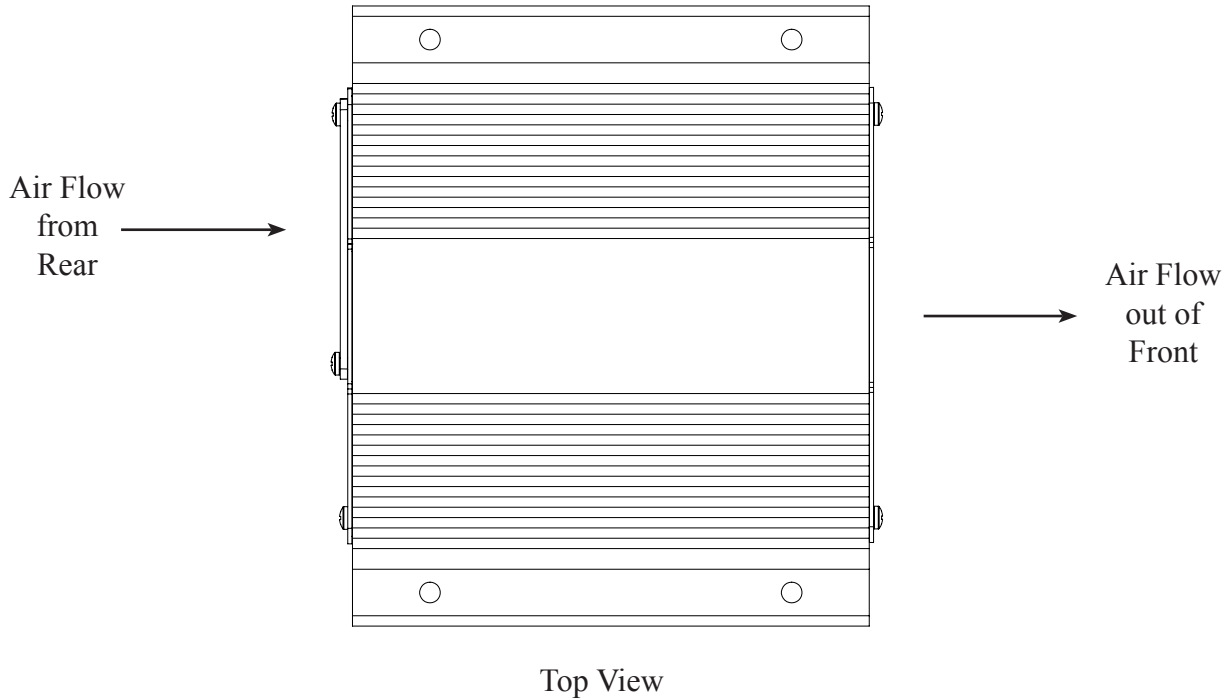
CYCLE ON-OFF mode will only operate if the 24h and External Control switch are OFF.

## Installation:

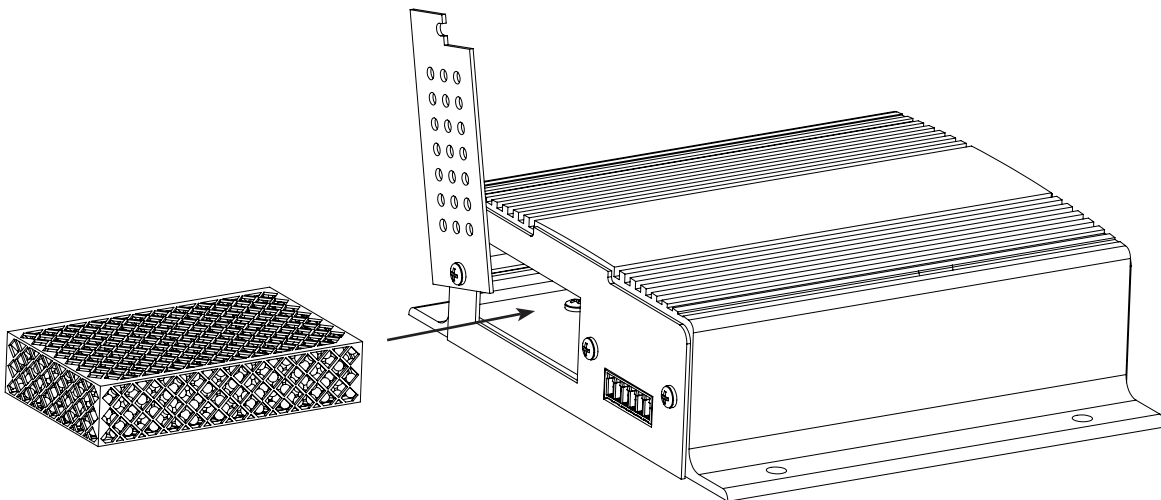
The iScent should be installed using the following steps:

**Step 1:** On the bottom of the unit set the configuration switches to the mode of operation. See *Layout Summary* section of the manual to make those settings.

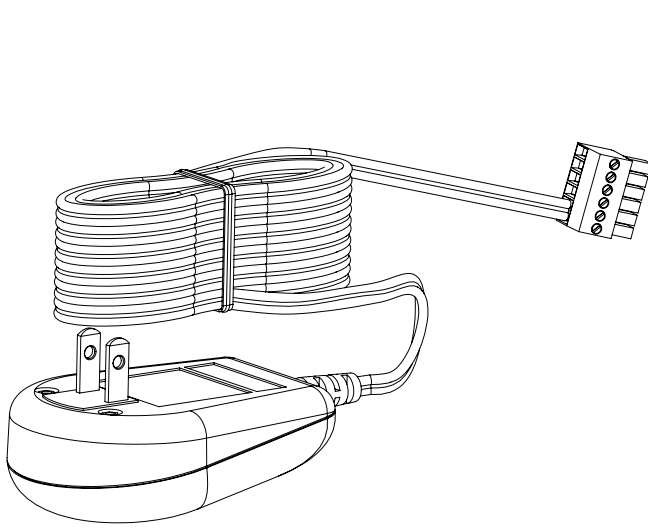
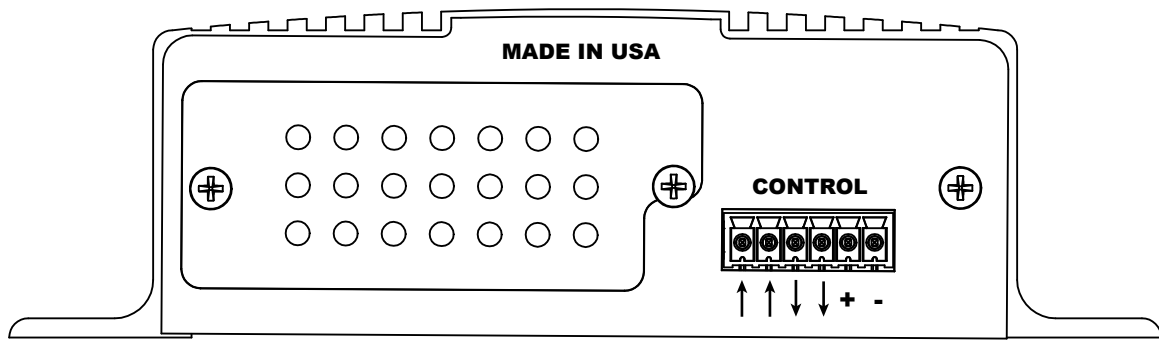
**Step 2:** Wall or shelf mount the unit so that the fan intake and vent are not obstructed. Screws and rubber feet are supplied in the accessory kit.



**Step 3:** Open door on rear of unit and insert scent pack(s) then close door.



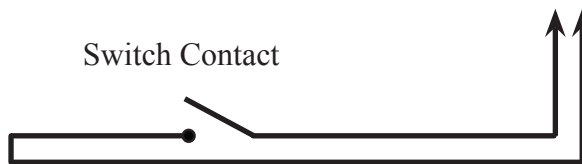
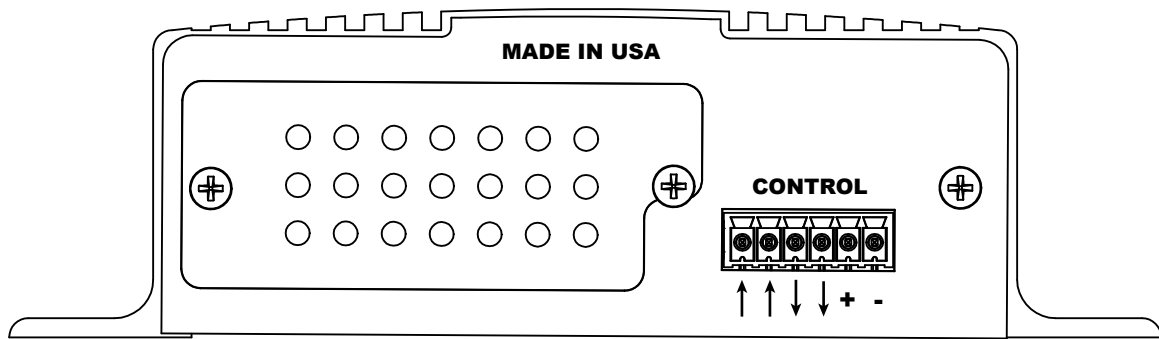
**Step 4:** Connect pre-wired power connector to the CONTROL jack on the rear of the unit.



Note: If using a power supply other than the one supplied then it must be rated at 12VDC and can handle up to a 100mA current draw. Positive is pin 5 and ground is pin 6.

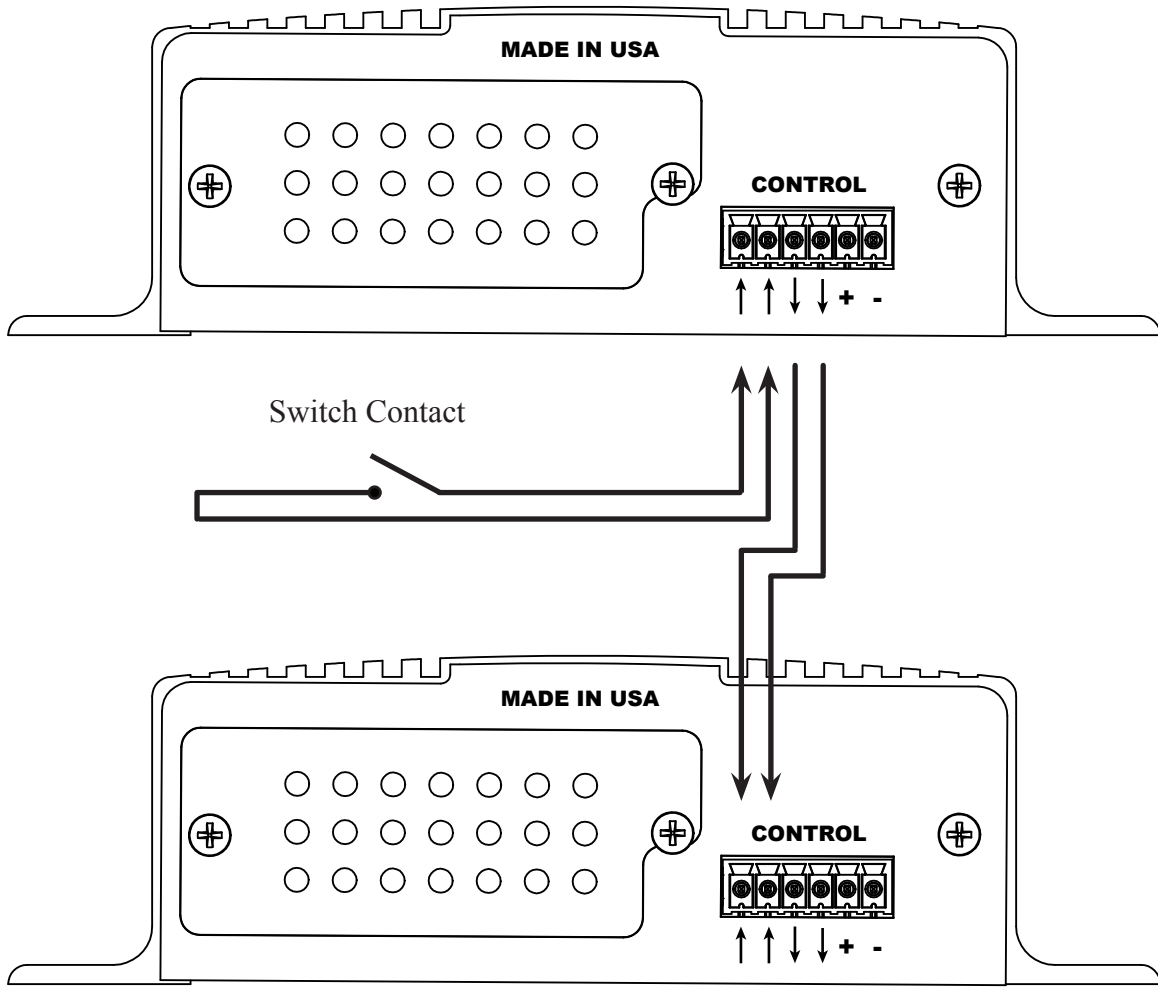
**Step 5:** If using EXTERNAL CONTROL then continue to the next step otherwise the installation is complete.

**Step 6:** For external control connect pins 1 & 2 of the control connector to a dry contact closure like a button or it can be connected to an iLink LCD Expansion Module for synchronized scenting and audio.



Note: The contact closure input is rated at 500ft. using 22 gauge wire. Exceeding this length could damage the trigger input stage of the unit.

**Step 7:** For additional scent coverage in EXTERNAL TRIGGER Mode additional scenting units can be daisy chained using the contact output pins 3 & 4 on the CONTROL jack.



Note: Each iScent unit must use its own power pack.



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# Limited Warranty

**TERMS:** Nel-Tech Labs warrants to the original purchaser (“Buyer”) that the Product sold is free from defects in material and workmanship at the time of purchase. The warranty period begins at the time of Product’s original purchase by the first end-user. The warranty applies for five (5) year from the original date of purchase, or as long as the product is owned by the original purchaser, whichever comes first. Included in the warranty are parts and labor. Buyer must provide written notice to Nel-Tech Labs of any defective part or conditions within the warranty period. If the defect is not the result of improper use, service, maintenance or installation, and if the equipment has not been otherwise damaged or modified after shipment, Nel-Tech Labs or its authorized representative shall either replace or repair the defective Product at Nel-Tech Labs’s option. No credit shall be allowed for work performed by Buyer or unauthorized parties. Out-of-warranty repairs are invoiced at the current Nel-Tech Labs hourly rate plus the cost of parts, shipping and handling. In the event that the product serial number is missing or has been tampered with in any way, the foregoing warranty is void and without effect and Nel-Tech Labs shall have no liability whatsoever on account of defects to such product.

**LIMITATIONS:** Except as stated above, there are no warranties, express or implied, that extend beyond the specifications for the product. Nel-Tech Labs expressly disclaims any warranty, express or implied, that equipment sold hereunder is of merchantable quality or that it can be used, or is fit for any particular purpose. Buyer purchases and accepts equipment solely on the basis of the warranty here in above expressed. Under no circumstances shall Nel-Tech Labs be liable by virtue of this warranty or otherwise for any special indirect, secondary or consequential damages to any person or property arising out of the use or inability to use the product.

**REPAIRING OR REPLACING PRODUCT:** Buyer may obtain the repair or replacement of any eligible part or equipment covered under this warranty through a Nel-Tech Labs dealer only. Buyer is responsible for all shipping and handling charges in connection with the performance of this warranty. Products returned to Nel-Tech Labs must be securely packaged to prevent damage in transit, freight prepaid, and insured for replacement value. A return authorization number assigned by Nel-Tech Labs must be clearly marked on the outside of the shipping container. Proof of purchase must accompany shipment. Items delivered to Nel-Tech Labs without a return authorization clearly marked on the outside of the shipping container, and/or without proof of purchase is refused.

**CONTACT:** Please contact Nel-Tech Labs at the address and phone number below to receive a return authorization number and to arrange for the repair or replacement of a flawed part covered by this warranty. Please indicate the Product’s serial number in all correspondence or a RMA authorization number in the absence of a serial number. Nel-Tech Labs, 4 Ash Street Extension, Derry, NH 03038, Phone: 1.603.425.1096.

**COPYRIGHT NOTICE:** Unauthorized or unlicensed use of copyrighted audio content is illegal and Nel-Tech Labs, Inc. takes no responsibility for such action by the user of this equipment.

**FCC Part 15 :** This equipment has been tested and found to comply within the limits for a Class A digital device, pursuant to Part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of the equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct interference at his own expense. In order to maintain compliance with FCC regulations shielded cables must be used with this equipment. Operation with non-approved equipment or unshielded cables is likely to result in interference to radio & television reception.

Changes or modifications not expressly approved by Nel-Tech Labs could void the users’ authority to operate the equipment.

**IC ES 003 :** This Class A digital apparatus complies with Canadian ICES-003 C et appareil numérique de la classe A est conforme à la norme NMB-003 du Canada.

**CE CONFORMITY :** The Nel-Tech Labs iScent conforms with the following standards, in accordance with the EU Safety, EMC Emissions, & EMC Immunities : EN 60950-1:2001, EN 55022:1998 for Class A, EN 55024:1998 + A1:2001 + A2:2003, EN 61000-4-2:1995 + A1:1998, EN 61000-4-3:1995, EN 61000-4-4:1995, EN 61000-4-5:1995, EN 61000-4-6:1996, EN 61000-5-11:1994.





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