

User Instructions



Save these Use and Care Instructions

Important Safeguards

WARNING: When using electrical appliances basic safety precautions should always be followed, including the following:

- **Please read all instructions.**
- **WARNING:** To reduce risk of fire, electrical shock or injury:
 - Do not allow to be used as a toy. Close supervision is necessary when any appliance is used by or near children.
 - Do not use outdoors, on or near hot or wet surfaces.
 - Use only as described in this manual.
 - Do not use the Cigar Sentry in any containers that contain toxic substances, flammable or combustible liquids such as gasoline, or operate in the presence of explosive or flammable fumes.
 - Do not disassemble the Cigar Sentry under any circumstances. Disassembly will void the warranty in its entirety; see **Warranty and Service** for more information. Disassembly may result in electrical shock or fire. There are no consumer serviceable parts inside.

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.

How To Use

1. Place 2 AA batteries in the sensor unit (Fig. 1).

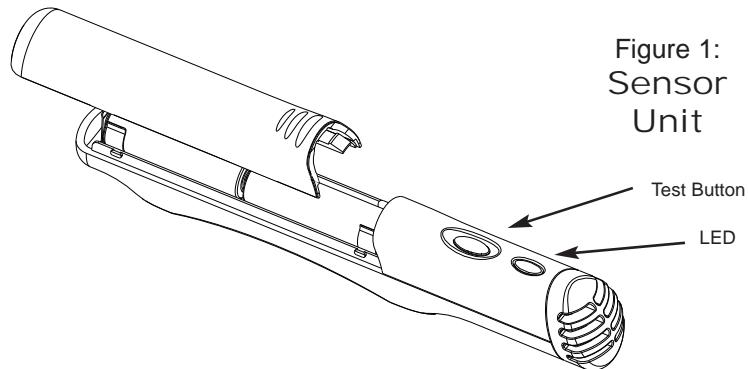


Figure 1:
Sensor
Unit

2. Plug the alarm unit (Fig. 2) into a wall outlet within 50 feet of the cigar storage container (maximum distance may vary). The green LED should illuminate.

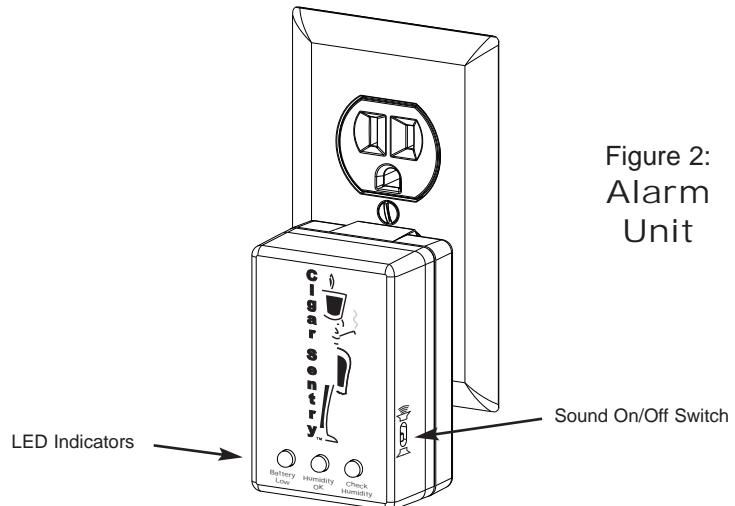


Figure 2:
Alarm
Unit

3. TEST SYSTEM: To test the transmission range of the Cigar Sentry, place the sensor unit near your storage container, but not in it. Plug the receiver unit into a nearby outlet. The receiver should beep or the Green LED will blink about every 10 seconds. If not, your alarm unit is out of transmission range and should be moved to a different outlet or one that is closer to your cigar container. Orientation of sensor and receiver will impact maximum achievable distance as does the presence of metal such as doors, appliances, etc. Keep the system

as far away from metal as possible for best results.

You can also momentarily press the sensor's test button to check range. This will illuminate all receiver LEDs and a beep will be heard. Note that holding the sensor unit will reduce effective transmission range.

4. Make sure the humidity level in your cigar storage container is at the desired level (70% is considered optimum).
5. CALIBRATE: Press and hold the sensor test button for approximately 4 seconds until the green LED on the alarm unit blinks once and/or a single beep is heard (sound switch must be in the "On" position). Quickly place the sensor unit into your cigar storage container. The system will now pause for 10-15 minutes and then sample the ambient humidity inside the container and automatically calibrate. Once the green LED on the alarm begins blinking (every 10 seconds), the system is calibrated.

It is imperative that you first follow step 4 above. The humidity in your cigar storage container must be at the desired level prior to calibrating the Cigar Sentry.

On-going Operation

1. Humidity OK: If the humidity level in your container is within approximately +/- 5% of the calibrated level, the green LED on the alarm unit will be illuminated. The sensor unit checks the humidity level every 10 seconds. The green LED blinks "off" on every check.
2. Check Humidity: If the current humidity level is approximately 5% RH above or below the calibrated level, an alarm condition will be indicated by a "beep" (if the sound button is in the "On" position) and the red LED will be illuminated on the alarm unit.
2. Other alarm conditions: When you open your storage container, the Cigar Sentry may exhibit an alarm condition, because the humidity will change beyond the acceptable level. We recommend closing your container as quickly as possible to minimize moisture loss. Your container will go back to the desired humidity in a few minutes and Cigar Sentry will go back to "Humidity OK" mode. The time it takes to return to this acceptable state will depend on how well your humidification device can re-establish the lost moisture. If it takes more than 5 minutes your humidification device may need to be refilled.

Other Features

1. SOUND ON/OFF: A beeper sound on/off switch on the alarm unit can be set to the desired position. Factory default is “On.”
2. BATTERY LOW INDICATOR: When the Battery Low Indicator is illuminated (yellow LED) on the alarm unit, the batteries in the sensor unit should be replaced.
3. SYSTEM TEST: A momentary press of sensor test button will cause all receiver unit LEDs to illuminate and a beep to sound (if sound switch is in the “ON” position. This also verifies that signal transmissions are being received.

Troubleshooting

1. RECEIVER: Green LED does not illuminate. Verify that the outlet is working with another appliance. If it is, then the receiver may be defective. Please contact Customer Service.
2. TRANSMITTER: Red LED does not illuminate when the test button is depressed. Check orientation of batteries and that metal battery clips are in contact with batteries. Don’t forget to verify that the batteries are good.
3. RECEIVER: Green LED does not blink every 10 seconds. The transmitter is out of range. Move the receiver to a different outlet and possibly one closer to the transmitter. OR the sensor is in calibrate mode. It takes approximately 10-15 minutes to calibrate and the LED will not begin blinking until calibration has been completed.
4. ALARM: The receiver alarms intermittently. If your storage container is drafty, there is a lot of air movement inside, or the door is opened frequently, humidity may vary enough to cause the unit to alarm. Move the sensor to a place where there is least air movement.

FAQs (Frequently asked questions)

1. The receiver unit indicates an alarm condition, but my storage container's humidity gauge reads a humidity level within specification (<+/- 5% of calibrated value).
 - a. In a new installation, it may be necessary to recalibrate as humidity sensing may drift as sensor electronics become humidified.
 - b. The calibrated value may not be what you think it is. Recalibrate and 15 minutes after you start the calibration mode, check the gauge in your storage container. The reading will be very close to calibrate value, and it will be relative to your container's gauge. Now when there is an alarm condition you can get a better idea the range of your gauge.
2. I take the sensor unit out of the container and it doesn't alarm.
 - a. The humidity level outside your container may be within specification (<+/- 5% of calibrated value). Use the gauge in your container to check the humidity outside the container.
 - b. If you are using different gauges inside and outside the container you may, you gauge readings may be incorrect. Most humidity gauges are not well calibrated (except precision laboratory models). Two gauges in the same container can show a difference of as much as 10%! Put both gauges in the same environment to see difference and use it adjust your readings accordingly.
3. I'm not sure of the system is working.
 - a. If the green LED on the receiver/alarm unit blinks (about every 10 seconds) then it is receiving an OK condition from the sensor. If not, refer to step 3 of the "How to Use" section of this manual.
4. The receiver unit is hot to the touch.
 - a. The receiver will get hot. If you need to remove the unit from the wall outlet, grab the unit from the top and bottom for your comfort.

Get the latest FAQs & Tips at www.cigarsentry.com

Warranty and Service

Nuventions, Inc. warrants this product against any defects that are due to faulty material or workmanship for a one-year period after the original date of consumer purchase or receipt as a gift. This warranty does not include damage to the product resulting from accident or misuse.

If the product should become defective within the warranty period, ship the unit postage-paid to Nuventions at the address below. Please include a description of the problem, the original dated proof of purchase, along with your phone number and return shipping information. After examination, we will repair it or elect to replace it free of charge. We will return your repaired or replacement product, shipping charges prepaid, provided it is delivered prepaid to Nuventions.

No other warranty, whether written or oral, is expressed or implied. Under no circumstances shall Nuventions, Inc. be liable for any loss or damage, direct or consequential, or incidental arising out of the use of or inability to use this product.

This warranty gives you specific legal rights and you may also have other rights which vary from state to state. Answers to any questions regarding warranty or service may be obtained by calling toll-free in the US: 877-518-8612 or by writing to Consumer Assistance:

Consumer Assistance
Nuventions, Inc.
2007 E. Rock Wren Rd.
Phoenix, AZ 85048-4501
Phone: 480-460-7390
Fax: 480-460-7490



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