



DSC WLS907T Wireless Low Temperature Sensor Instruction Manual

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Instruction Manual

WLS907T **Wireless Low Temperature Sensor** Installation Instructions

The WLS907T is used to send an alarm to the receiver when the area surrounding the unit reaches a low temperature. The predefined temperature points where an alarm and restoral condition are sent are:

Alarm temperature:

6°C ± 2°C / 43°F ± 3°F

Restore temperature: 9°C ± 2°C / 48°F ± 3°F

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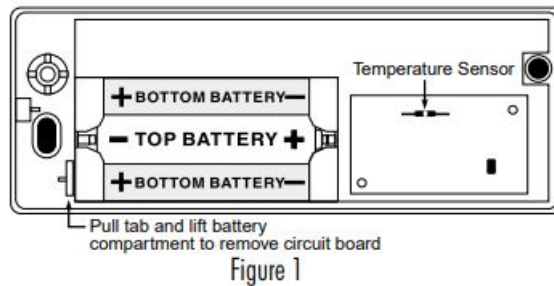
Remove Cover

To remove the cover of the WLS907T, insert a small screwdriver into the slot on the end of the unit. Push the tab to release the cover.

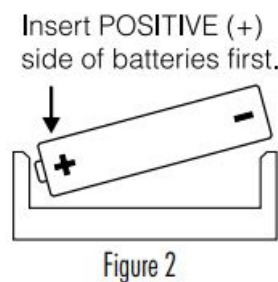
Install Batteries

Use care when installing the batteries. Follow the guidelines below:

1. Observe the correct polarity (see Figure1).



2. Install the batteries positive (+) side first (see Figure 2).



Use only Eveready Alkaline Energizer batteries. Only replace low batteries with fresh ones. Always replace all three batteries at the same time.

Find a Location for the Transmitter

Locate where the transmitter is to be mounted. Perform the Module Placement Test to ensure that the selected location is in range of the wireless receiver (see receiver Installation Manual for instructions).

Mounting the WLS907T

The WLS907T should be mounted on an inside wall of the building. In addition, its position must be at least 18" (46cm) from any outside wall, and approximately 5' (1.5m) above the floor in a location with freely circulating air of an average temperature.

Mount the backplate of the sensor using the screws provided and replace the circuit board. The head of the screw must be below the circuit board so that the sensor is not shorted out. Use flat-headed screws only. Use wall anchors if necessary. Replace the cover carefully, so as not to damage the antenna.

NOTE: Do not touch the coils on the circuit board as this may damage the unit.

Metal will block/reflect a wireless signal. DO NOT mount the WLS907T, or any other wireless component, on or near large metal objects (e.g., metal doors, metal window blinds). Instead, find a nearby location that provides 'good' test results. Try to avoid mounting the wireless receiver in a basement or near large metal surfaces (e.g.,

metal ductwork) as this can reduce the range.

Location

Be sure to avoid the following locations:

- behind doors or in corners where freely circulating air is unavailable.
- where direct sunlight or radiant heat from appliances might affect control operation
- on an outside wall
- adjacent to, or in line with, conditioned air discharge grills, stairwells, or outside doors
- where its operation may be affected by steam or water pipes or warm air stacks in an adjacent partition space, or by an unheated/uncooled area behind the thermostat.
- where its operation will be affected by the supply air of an adjacent unit

WARNING – Please refer to the system Installation Manual for information on limitations regarding product use and function and information on the limitations as to liability of the manufacturer.

Tamper Switch

There is a tamper switch on the WLS907T board. Removing the cover of the WLS907T will cause a zone tamper. See your panel Installation Manual for more information on trouble conditions.

Enrolling a WLS907T

On the back of the WLS907T housing, there will be two serial numbers, one five digit, the other six digit. Please refer to your receiver Installation Manual for information on which serial number should be enrolled.

Limited Warranty

Digital Security Controls Ltd. warrants that for a period of 12 months from the date of purchase, the product shall be free of defects in materials and workmanship under normal use and that in fulfillment of any breach of such warranty, Digital Security Controls Ltd. shall, at its option, repair or replace the defective equipment upon return of the equipment to its repair depot. This warranty applies only to defects in parts and workmanship and not to damage incurred in shipping or handling, or damage due to causes beyond the control of Digital Security Controls Ltd. such as lightning, excessive voltage, mechanical shock, water damage, or damage arising out of abuse, alteration or improper application of the equipment.

The foregoing warranty shall apply only to the original buyer, and is and shall be in lieu of any and all other warranties, whether expressed or implied and of all other obligations or liabilities on the part of Digital Security Controls Ltd. Digital Security Controls Ltd. neither assumes responsibility for, nor authorizes any other person purporting to act on its behalf to modify or to change this warranty, nor to assume for it any other warranty or liability concerning this product.

In no event shall Digital Security Controls Ltd. be liable for any direct, indirect or consequential damages, loss of anticipated profits, loss of time or any other losses incurred by the buyer in connection with the purchase, installation or operation or failure of this product.

Warning: Digital Security Controls Ltd. recommends that the entire system be completely tested on a regular basis. However, despite frequent testing, and due to, but not limited to, criminal tampering or electrical disruption, it is possible for this product to fail to perform as expected.

Important Information: Changes or modifications not expressly approved by Digital Security Controls Ltd. could void the user's authority to operate this equipment.

FCC COMPLIANCE STATEMENT

CAUTION: Changes or modifications not expressly approved by Digital Security Controls Ltd. could void your authority to use this equipment.

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:
Re-orient the receiving antenna.

Increase the separation between the equipment and receiver.

Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

Consult the dealer or an experienced radio/television technician for help.

The user may find the following booklet prepared by the FCC useful: "How to Identify and Resolve Radio/Television Interference Problems". This booklet is available from the U.S. Government Printing Office, Washington D.C. 20402, Stock # 004-000-00345-4.

Digital Security Controls Ltd. 160 Washburn St., Lockport, NY 14094

This device complies with RSS-210 of Industry Canada. Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Hereby, DSC, declares that this device is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC.

The complete R & TIE Declaration of Conformity can be found at www.dsc.com/IntVrttedirect.htm.




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Centre d'aide technique: 1-877-285-6655 (Canada & US) Líneas Tech: 1-800-387-3630 (Canada & US) · 1-800-514-1248 (Mexico) · 1-877-651-1249 (Puerto Rico)

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Documents / Resources

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References

-  [Fire Alarm Resources | Download fire alarm documents](#)
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