



## EE1723 Dual Input Temperature Sensor Installation Instructions - 05275B

### 1 Overview

The Inovonics EE1723 provides internal measurement and external thermistor options in a single device. The on-board sensor is excellent for monitoring ambient indoor temperature, and the external sensor is user selectable to match your application.

#### 1.1 Inovonics Wireless Contact Information

If you have any problems with this procedure, contact Inovonics Wireless technical services:

- E-mail: support@inovonics.com
- Phone: (800) 782-2709

#### 1.2 EE1723 Components

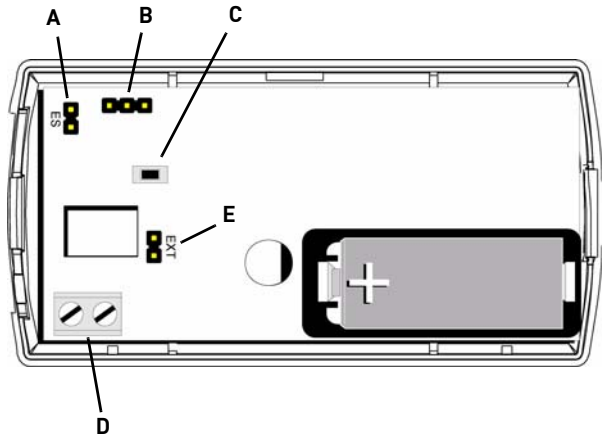


Figure 1 EE1723 components

- |                                      |                      |
|--------------------------------------|----------------------|
| A EchoStream Select pins             | B Programming header |
| C Reset button                       | D Terminal block     |
| E External thermistor selection pins |                      |

### 2 Installation and Startup

#### 2.1 Install/Replace the Battery

1. Pry the top lip of the mounting bracket up, and lift the bracket off of the transmitter.
2. Use your thumb to depress the housing release tab on the bottom of the transmitter; separate the housing.
3. Install the new battery.
4. Press the Reset button to initialize the transmitter.

#### 2.2 Mount an External Thermistor

The transmitter uses an on-board thermistor. If you want to use an external thermistor:

1. Wire the external thermistor using 24-gauge wire, no more than 40 feet long.
2. Route the external thermistor wiring through either the rectangular cutouts on the back of the housing and bracket, or through the rounded wiring cutout at the top of the housing.

**Note:** If you want to use the cutout at the top of the housing, you will need to trim the bracket.

3. Use a small screwdriver to attach the external thermistor wiring leads to the terminal block.
4. Place a jumper on the external thermistor selection pins, allowing the transmitter to use the external thermistor in addition to the on-board thermistor.

#### 2.3 Enable EchoStream Select

To meet ETSI requirements, Inovonics has developed a new line of EE 868MHz-only products. These new 868MHz-only products are compatible with older systems that include EchoStream select products. If you are using any ES products in your current system, you will need to enable EchoStream select compatibility on this new 868MHz-only product.

To enable/disable EchoStream select compatibility:

1. To enable compatibility with ES products, place a selection jumper on the enable EchoStream Select pins.
2. If no ES products are used in your system, remove the selection jumper from the EchoStream Select pins.

### 3 Program the Transmitter

EE1723 transmitters are programmed at the factory. It is not usually necessary to reprogram EE1723 series transmitters. If you want to reprogram the transmitter, parameters can be changed using the programming header.

### 4 Mount the Transmitter

1. Attach the mounting bracket to the wall, using either screws or double-sided tape.

**Note:** There are two mounting holes for standard installation. An optional third mounting hole is located under the battery. Use the third mounting hole to secure the housing to the bracket.

2. Hook the bottom of the transmitter into the bracket's bottom catch, and press the transmitter into the bracket so that the bracket's top lip snaps into place.

### 5 Warranty and Disclaimer

Inovonics Wireless Corporation ("Inovonics") warrants its products ("Product" or "Products") to conform to its own specifications and to be free of defects in materials and workmanship under normal use for a period of thirty-six (36) months from the date of manufacture. Within the warranty period, Inovonics will repair or replace, at its option, all or any part of the warranted Product. Inovonics will not be responsible for dismantling and/or reinstallation charges. To exercise the warranty, the User ("User", "Installer" or "Consumer") must work directly through their authorized distributor who will be given a Return Material Authorization ("RMA") number by Inovonics. Details of shipment will be arranged directly through the authorized distributor.

This warranty is void in cases of improper installation, misuse, failure to follow installation and operating instructions, alteration, accident or tampering, and repair by anyone other than Inovonics.

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