

EE1234

4 Button Multiple-Condition Pendant Transmitter Installation Instructions

1 Overview

The EE1234 is a four-button, multi-condition pendant transmitter. The EE1234 must be used with an EchoEnhanced Inovonics EE4216M/MR or EE4232M/MR Multi-condition receiver, or with the Inovonics EE4200 serial receiver. In addition, the application controller (e.g. control panel) must be designed to accept the multiple conditions.

1.1 The Wireless Works Contact Information

If you have any problems with this procedure, contact The Wireless Works technical support:

- E-mail: support@thewirelessworks.co.uk
- Phone: 0845 009 2742

1.2 EE1234 Components

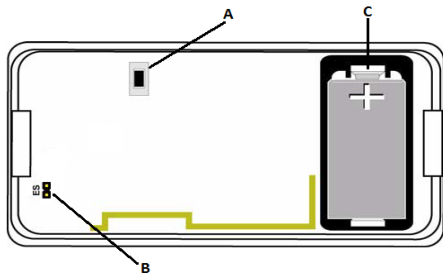


Figure 1 EE1234 components

A Reset button B EchoStream Select C Battery

2 Installation and Startup

2.1 Install/Replace the Battery

1. Pry the housing apart at either end and pull the two halves apart.
2. If replacing a battery, remove the old battery.
3. Install the new battery.
4. Press the **Reset** button to initialize the transmitter.

2.2 Select the EchoStream Select Compatibility

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 compatibility selection pins.
2. If no ES products are used in your system, remove the selection jumper from the EchoStream select compatibility selection pins.
3. Press the **Reset** button.

Caution: When pressing the **Reset** button, make sure you don't also touch the frequency band selection pins. Touching the frequency band selection pins while pressing the **Reset** button can inadvertently set the pendant to the wrong frequency band.

2.3 Register the Transmitter

The transmitter must be registered with the system in order to be monitored and supervised. The transmitter will send a check-in message to the serial receiver or application controller.

Pendants using the 868MHz frequency range for Europe will send a check-in message every 12 minutes.

Each pendant has a unique factory-programmed identification number. Refer to the control panel's installation instructions for details on registering a transmitter.

1. When prompted to reset transmitter, press and release the **Reset** button.
2. Replace the cover.

3 Operation

Caution: The EchoStream/ EchoEnhanced system should be tested regularly to ensure operation. To test the system, activate each of the transmitter's conditions and ensure an appropriate response.

3.1 Activating Conditions

The transmitter can send up to four conditions. The conditions will depend on the application, as will the response. The application controller must be designed to recognize simultaneous messages. The EE1234 will require the use of the M or MR series Inovonics receivers or Inovonics serial receiver. Condition signals are transmitted multiple times and are indicated by the blinking transmission LED. Inovonics recommends you test the transmitter regularly.

4 Specifications

Specifications

Typical battery life: 3-5 years

Battery type (BAT608): Panasonic CR2 or equivalent

Operating environment: 0 to 60°C, up to 90% relative humidity non-condensing

Dimensions: 76 x 41 x 25mm

Weight: 70g

Operating frequency: 868 MHz

Compliance: EN50131-1; Security Grade 2; Environmental class II

Certification: Telefication B.V.

Note: Specifications and data are subject to change without notice.

5 Warranties and Disclaimer

The Wireless Works Limited 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 eighteen (18) months from the date of manufacture. Within the warranty period, The Wireless Works will repair or replace, at its option, all or any part of the warranted Product. The Wireless Works 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 The Wireless Works. 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 The Wireless Works. This warranty is exclusive and expressly in lieu of all other warranties, obligations or liabilities, whether written, oral, express, or implied. There is no warranty by The Wireless Works that The Wireless Works product will be merchantable or fit for any particular purpose, nor is there any other warranty, expressed or implied, except as such is expressly set forth herein. In no event shall The Wireless Works be liable for an incidental, on sequential, indirect, special, or exemplary damages, including but not limited to loss of profit, revenue or contract, loss of use, cost of down time, or interruption of business, nor any claim made by distributor's customers or any other person or entity. This warranty will not be modified or extended. The Wireless Works does not authorize any person to act on its behalf to modify or extend this warranty. This warranty will apply only to The Wireless Works Products. The Wireless Works will not be liable for any direct, incidental or consequential damage or loss whatsoever, caused by the malfunction of Product due to products, accessories, or attachments of other manufacturers, including batteries, used in conjunction with The Wireless Works Product.