

Wireless* Vibration Transmitter

*Powered by Inovonics

Description

The EE1267 is a wireless transmitter with wall tamper and shock sensor utilising the latest hi quality Inovonics wireless technology. The function of the shock sensor wireless transmitter is to provide an alarm signal if vibrations picked up from its mounting surface exceed a predetermined level, which can be easily adjusted.

Configurable options

There are a number of options which may be set with links on the vibration PCB.

Tri-Colour LED: When the sensor detects a vibration, the LED will illuminate in one of three colours:

GREEN: Pre-Alarm Detection, but the alarm threshold not yet reached

RED: Alarm

ORANGE: Detection threshold exceeded (i.e. too sensitive)

If the Tri-Colour LED illuminates in ORANGE, the sensitivity of the unit may need decreasing. Please see figure 2 Potentiometer and Sensitivity Range" to decrease the sensitivity.

If the Tri-Colour LED illuminates in GREEN, the sensitivity of the unit may need increasing.

Link A and Link B Pulse count setting:-

Link A	Link B	Pulse Count
Off	Off	Normal
Off	On	2
On	Off	4
On	On	6

Example:- if the pulse count is set to 2, then two illuminations of the green LED in a rolling 30s time window will cause a full alarm – note that the display goes green on the second pulse immediately followed by a red to show that the pulse count number has been reached and an alarm is being generated

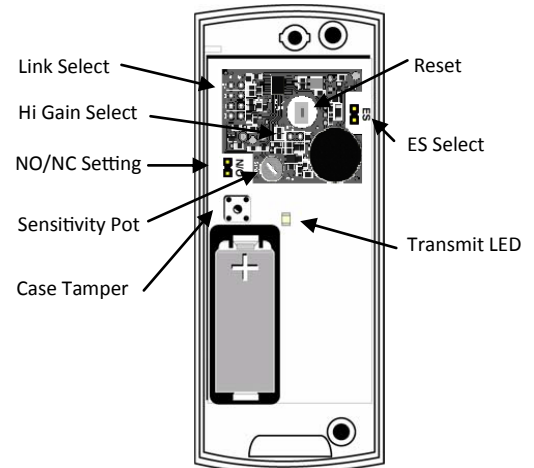


Figure 1

Low Gain:

Gain link off and turn potentiometer right for more sensitive and left for less sensitive



High Gain:

Gain link on and turn potentiometer right for more sensitive left for less sensitive

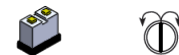


Figure 2

Link C: Link on LED Enable: Once the unit has been set up it is recommended to remove this link, so the tri-colour LED will be disabled at all times, saving battery life.

Link D: Background Damping: If there is a constant background disturbance then this should be fitted to filter out the background disturbance.

Link Gain: Potentiometer sensitivity Range: The sensitivity can be either increased or decreased using the potentiometer. (Low or High). With the link off the potentiometer is low to mid range, with the link on is mid to high range.

Note:- Please allow 10 seconds for any link changes before testing or retesting.

Reset Button: To learn the wireless transmitter to the radio receiver, the reset button needs to be pressed after the battery is installed. For full programming on this procedure, please refer to the receiver manual.

Tamper: The tamper button is used for both the front and back tamper. The lid presses against the tamper for the 'front', and the base contains a 'spring' device that pushes the tamper button closed when the base is flushed to a surface.

EE1268W– (with reed version) door/window vibration transmitter with wall tamper and reed switch comes with a magnet that supports a 15mm gap,

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

The NO/NC selection pins are set to normally closed (NC) for the vibration alarm. Remove this link, only if you require a NO condition, going closed in alarm at the receiver.

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.

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Specification

Power Supply - Lithium Battery CR123A

(or equivalent)

Typical Battery Life - 1-2 years (LED link off)

Operating frequency - 868MHz multi frequency

Size - 105 x 45 x 23mm

Weight - 90g

Temperature Range - 0 to 60°C

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