



Stopper Switch 355-IPC Series with Inovonics® RF Transmitter module. Part No 355 IPC

Installation Instructions - 04931C

1 Overview

The Stopper Switch 355-IPC is supplied with the Inovonics EE1941 single input universal RF transmitter inside and is designed for use with any Inovonics receiver i.e. the EE4216MR. The transmitter is fully supervised and supplied complete with battery and status LED on left side of unit for confirmation of activation.

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

2 Installation and Startup

2.1 Install/Replace the Battery

1. The unit is supplied with a CR123A 3v battery. If replacing the battery, remove the security housing screw from the base of the unit, using a hex key (supplied). Lift off the top cover, revealing four mid-section fixing screws, remove these and pull away the mid-section of the housing, this will reveal the RF module and battery.
2. Install the new battery.
3. Reset the unit by passing a magnet across the base of the unit (rubber pad) to initialize the transmitter. (See status LED on left side of unit for confirmation of activation)
4. Reassemble the unit and test the transmitter and ensure appropriate response.

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, open the unit (refer to section 1) 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. (Default without ES selected)
3. Reset the unit by passing a magnet across the base of the unit (rubber pad) to initialize the transmitter. (See status LED on left side of unit for confirmation of activation)

2.3 Register the Transmitter

Transmitters must be registered with the system in order to be monitored and supervised. When supervised, the transmitter will send a check-in message to the receiver. Transmitters using the 868MHz frequency range for Europe will send a check-in message every 12 minutes. Each transmitter has a unique factory programmed identification number. Refer to the receiver installation instructions for details on registering a transmitter.

1. When prompted by the receiver to reset transmitter, reset the unit by passing a magnet across the base of the unit (rubber pad) to initialize the transmitter. (See status LED on left side of unit for confirmation of activation)
2. Test the transmitter and ensure appropriate response.

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. (See status LED on left side of unit for confirmation of activation)

4 Specifications

Specifications

Typical battery life: 3-5 years

Battery type (BAT604): Panasonic CR123A or equivalent

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

Dimensions: 89 x 90 x 72mm

Weight: 325g

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.