



Submetering Repeater Products Warranty

Inovonics Wireless Corporation ("Inovonics") warrants its Repeater Products used in submetering applications ("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 sixty (60) months from the date of manufacture. Within the warranty period Inovonics Corporation 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 be given a Return Material Authorization ("RMA") Number by Inovonics. Details of shipment will be arranged at that time.

This warranty does not apply in cases of improper installation, misuse, damage due to lightning or water, failure to follow installation and operating instructions, alteration, abuse, accident or tampering, and repair by anyone other than Inovonics.

This warranty is exclusive and expressly in lieu of all other warranties, obligations or liabilities, whether written, oral, express, or implied, including any warranty of merchantability or fitness for a particular purpose. Inovonics will not be liable to anyone for any consequential or incidental damages for breach of this warranty or any other warranties.

This warranty will not be modified, varied or extended. Inovonics does not authorize any person to act on its behalf to modify, vary or extend this warranty. This warranty will apply to Inovonics Products only. All other products, accessories or attachments used in conjunction with Inovonics equipment, including batteries, will be covered solely by their own warranty, if any. Inovonics 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 Inovonics Products.

This warranty does not warrant the replacement of batteries that are used to power Inovonics Products.

Inovonics does not claim that the Product may not be compromised and/or circumvented.

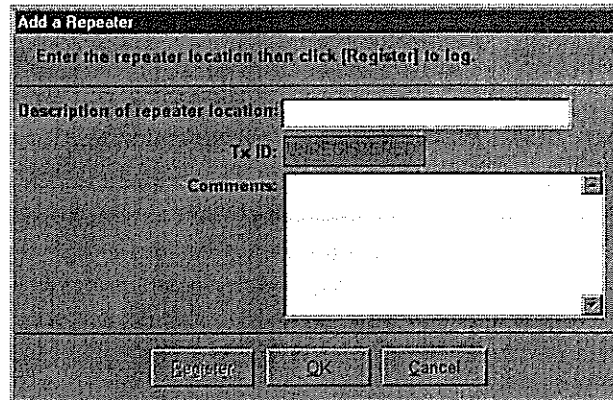


Warning: The User should follow all installation, operation and maintenance instructions. Changes in environmental conditions, electric or electronic disruptions and tampering, may cause the Product to not perform as expected.

Repeater Registration into the TapWatch® 2 Software and DCC

FA5570 repeaters should be registered to report status to the TapWatch system. The system will then be able to monitor the repeater. Detailed instructions are in the *TapWatch2 Users Manual*, part number 03253. Following is a brief description of the registration procedure.

Registering a Repeater in TapWatch2:



1. From the Edit Repeater screen, click on "Add" button. "Add a Repeater" screen opens.
2. Enter the description of repeater location. Enter the description of the repeater location.
3. Register repeater. It is recommended that repeaters are registered to provide diagnostic information.
4. New repeater will appear under Repeater tab. "OK" saves and exits screen. "Cancel" exits screen without saving.

Operation

Power supply: A 14VAC transformer is provided with the FA5570.

Backup battery: An optional 1.2AH 12VDC battery (not included) can be mounted outside the FA5570 housing. This is typically not used in submetering applications.

Low voltage detection: The repeater will report low voltage if the supply voltage (either primary or backup) drops into a preset range.

- AC power failure will not be reported directly—the TapWatch system will detect inactivity if repeater power is off for the duration of the supervision period.

Supervision: Once every 5 minutes, the repeater sends a check-in transmission to the receiver. The repeater will be declared inactive if no check-ins are received before the expiration of the supervision period.

Test mode: Pressing the Test button will cause the repeater to transmit its current status until the button is released.

Note: Repeaters do not show a "Test" state. Status will be displayed as "OK", "Low Battery" or "Inactive".