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 02031D LIT-FA400-INSTALL hc:10/23/2001

### Vision Plus™ Installation

The FA400 can be mounted next to the panel housing or at a distance not to exceed 1000 feet (combined wire run if two receivers are connected to the system.) Install receivers away from large metal objects. Mounting the receiver on metal surfaces will impair performance. Do NOT use shielded wire.

The unit can be screw-mounted through holes in corners of the housing base. See **Figure 1**.

When only one FA400 is being used, connect wires to panel as shown in **Figure 1**.

If two receivers are being used, set receiver jumpers to RCVR 1 position and RCVR 2 positions, respectively. See **Figure 1**. The receivers should be at least 3 feet apart.



# FA400

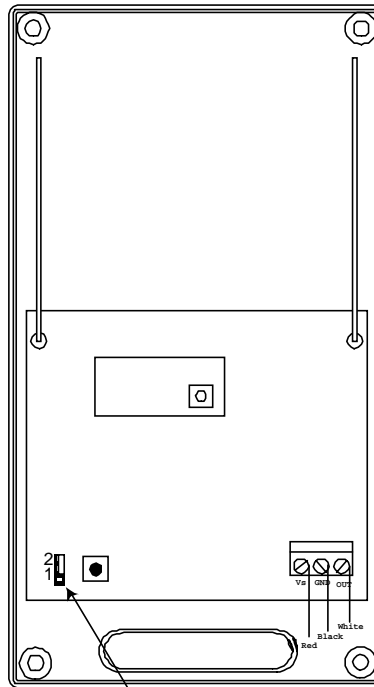
## Frequency Agile® Receiver

### Installation Instructions 02031D

#### Note

The FA400 is intended to be installed by professional security technicians. This receiver is intended for use with indoor security systems. Use in outdoor applications may impair performance.

Figure 1: FA400



Do NOT use without a jumper!

Receiver 1 position

Receiver 2 position

### DMP™ 1912XR and XR200 Interface

The FA400 can be interfaced with the Digital Monitoring Products' **1912XR Command Processor Panel** via the **DMP 872 HARD-WIRE-LESS™** Interface card and Loop Expander Harness.

The FA400 can be interfaced with the **DMP XR200 Command Processor Panel** via the **DMP 472 HARD-WIRE-LESS™** Interface card and Loop Expander Harness.

The FA400 can be mounted next to the panel or at a distance of up to 500 per receiver on 22 gauge wire. Install receivers away from large metal objects, if possible. Mounting the receiver on metal surfaces will impair performance. Do NOT use shielded wire.

If two receivers are being used, set receiver jumpers to RCVR 1 position and RCVR 2 positions, respectively. See **Figure 1**. The receivers should be at least 3 feet apart.

To connect the FA400 to the interface card, wire-nut the ends of the receiver cable to the HARD-WIRE-LESS™ Interface card wire harness (red-to-red, black-to-black, white -to-green (harness)). The harness yellow wire is not used. Plug the harness connector into the J4 connector.

### Locating the FA400

Prior to installation, Inovonics recommends use of the **FA715 Survey Kit** to determine transmission characteristics at the application site. The survey kit helps determine optimal location of the **FA400** and FA-series transmitters.

Generally, it is advisable to place the receiver in a spot central to ALL transmitters.

To solve range or transmission problems, installers may deploy **FA575 High Power Repeaters** as needed.

## Warranty & 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 twenty-four (24) 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 re-installation 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, 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.

The User recognizes that a properly installed and maintained security system may only reduce the risk of events such as burglary, robbery, personal injury and fire. It does not insure or guarantee that there will be no death, personal damage and/or damage to property as a result. **Inovonics does not claim that the Product may not be compromised and/or circumvented, or that the Product will prevent any death, personal and/or bodily injury and/or damage to property resulting from burglary, robbery, fire or otherwise, or that the Product will in all cases provide adequate warning or protection.**

**Inovonics shall have no liability for any death, injury or damage, however incurred, based on a claim that Inovonics Products failed to function.** However, if Inovonics is held liable, directly or indirectly, for any loss or damage arising under this limited warranty or otherwise, regardless of cause or origin, Inovonics' maximum liability will not in any case exceed the purchase price of the Product, which will be fixed as liquidated damages and not as a penalty, and will be the complete and exclusive remedy against Inovonics.



**Warning: The User should follow all installation, operation and maintenance instructions.** The User is strongly advised to conduct Product and systems tests at least once each week. Changes in environmental conditions, electric or electronic disruptions and tampering, may cause the Product to not perform as expected.



**Warning: Inovonics warrants its Product to the User.** The User is responsible for exercising all due prudence and taking necessary precautions for the safety and protection of lives and property wherever Inovonics Products are installed. Inovonics strongly advises the User to program Products to be supervised whenever used in applications affecting life safety. Users are warned that unsupervised devices are subject to undetected failure due to malfunction, battery failure, tampering, or changes in environment.