# FA130

***Frequency Agile® 900MHz***
**Wireless Keypad**

## Installation Instructions
**02583B**

ISO 9001 CERTIFIED COMPANY

MADE IN USA

800-782-2709
For technical support
or application assistance

**Important Notes**

- ⚠ This product is designed to be installed and maintained by professional security technicians.
- ⚠ Unless specifically noted, Inovonics products are intended for indoor use. This receiver is intended for use with *indoor* security systems. Use in outdoor applications may impair performance.
- ⚠ [illegible]

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**Attention: The FA130 keypad requires Vision Plus™ panel firmware C2020 V1.4x or greater *and* FA400 receiver firmware V1.5x or greater.**

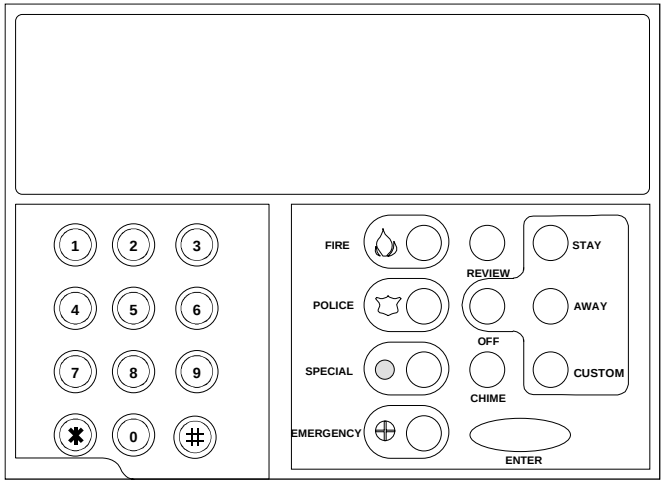


**Figure 1: FA130 Keypad**

Recommended programming:

| | |
|---|---|
| Type: | KEYPAD |
| Monitored: | No (Not Applicable) |
| Audible: | No (Not Applicable) |
| Relay out: | No (Not Applicable) |
| Recommended Check-in: | 30 seconds* |
| Typical battery life: | 3-4 years |
| Battery type: | BAT604 Duracell DL123A 3V |
| Low battery monitoring: | automatic |

* Programmed check-in values are executed at 3-times the interval shown to extend battery life. For example, " 30 seconds" results in a 90-second check-in interval.

## FA130 Keypad

The FA130 keypad is a 900MHz wireless transmitter used to arm and disarm the Vision Plus™ or Wireless Guardian™ system. The FA130 is a one-way device, which can be programmed as a supervised point. Functionally, the FA130 emulates the KP130 hardwire executive keypad, without the LCD display.

### PROGRAMMING THE KEYPAD:

1. If desired, identify the point number of the unit with numbered labels provided with the Vision Plus™ or Wireless Guardian™ panel.
2. Turn the phillips-head screw on the bottom of the housing slightly. Separate the housing halves.
3. Complete program data entry as shown below Figure 1. When prompted to "Plug in Xmitter", connect the programming cable between programming headers on the hardwire executive keypad and the FA130 wireless keypad. Refer to Figure 2 to locate the programming header.
4. Press the reset button on the FA130 keypad. When programming has been confirmed by the hardwire executive keypad, disconnect the programming cable.
5. Test the FA130. Pressing any arming key will cause the keypad to transmit and the transmit LED under the ENTER key to flash during transmissions. The panel will decode the message to determine if it is valid.
6. Mount the keypad using hardware provided.

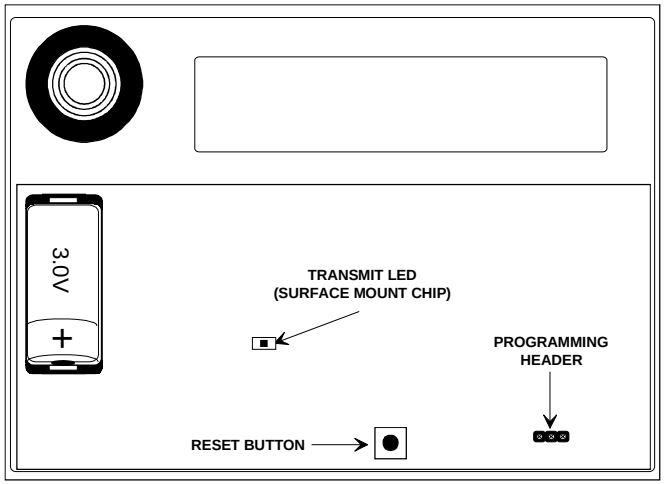


**Figure 2: FA130 programming**

### MOUNTING THE FA130

1. Turn the phillips-head screw on the bottom of the housing one turn. Separate the housing halves.
2. Use supplied hardware to attach the FA130 securely to a wall.
3. Use the mounting holes in the backplate as needed to locate screws or wall anchors.

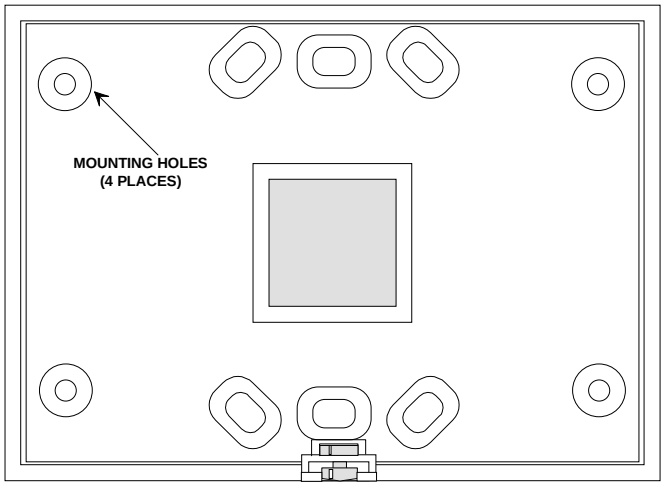


**Figure 3: back housing mounting holes**

# Using the FA130

ENTERING ACCESS CODES: The FA130 "reads" access code keypresses on a first-in-first-out basis. When an arming key or OFF is pressed, the keypad transmits only the last four digits entered. If the user makes an error entering an access code, it is only necessary to re-enter the correct code before pressing an arming key or OFF. If an arming key is not pressed within 15 seconds, the keypad will clear any input data.

TO ARM THE SYSTEM: enter the access code, and press the STAY, AWAY or CUSTOM key. The Transmit LED will light indicating that the keypad is sending data.

TO ARM THE SYSTEM (EZ ARMING ENABLED): Press ENTER followed by STAY, AWAY or CUSTOM. Normal entry and exit delays will be in effect. FOR INSTANT MODE: Press the STAY or the CUSTOM key again during the delay period. All delayed points will be armed as instant.

TO DISARM THE SYSTEM: Enter an access code-and press the OFF key.

TO HEAR ARMING STATUS from the nearest hardwire keypad or from an audio speaker connected to the control panel: Press the REVIEW key on the FA130 keypad. See Figure 4 for descriptions of various status tones.

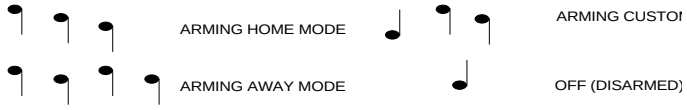


**Figure 4: Arming Status Tones**

OTHER STATUS TONES: The Vision Plus or Wireless Guardian™ system will generate status tones from the hardwire executive keypad and the audio output as shown in Figure 5.

**Figure 5: Panel status tones**

# Using the Emergency Alert Keys

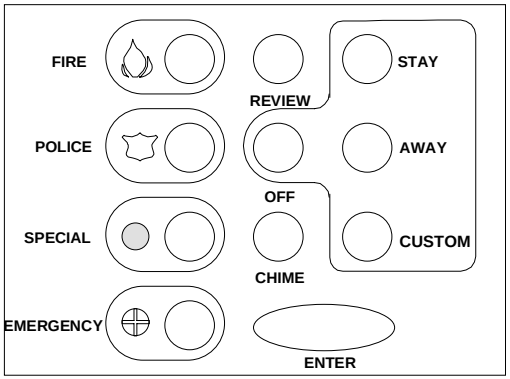


**Figure 6: FA130 function keypad**

**NOTE: TO USE EMERGENCY ALERT KEYS, EZ ARMING MUST BE ENABLED.**

Keypad emergency alarms can be activated by pressing the ENTER key, followed by the appropriate key. (See Figure 6.) The CHIME function, activated by pressing ENTER, then CHIME, is available regardless of the EZ ARMING status. These keys activate the system alarm and send a keypad emergency code to the monitoring station, if selected.

TO SEND A KEYPAD FIRE ALERT:

TO SEND A KEYPAD POLICE ALERT:

TO SEND A KEYPAD SPECIAL ALERT:

TO SEND A KEYPAD EMERGENCY ALERT:

TO TURN CHIME ON AND OFF:

The chime function is always available. It silences or activates the chime feature on disarmed intrusion points which have been programmed with chime enabled.

## 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 warrantied 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, failure to follow installation and operating instructions, alteration, abuse, accident or tampering, and repair by anyone other than Inovonics.

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

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**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.**

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