Installation Instructions
for the RF3341
Wireless (RF) Keypad

1.0 General Information

The RF3341 is a one-way Wireless Keypad Transmitter with backlighting and key-press sounder which allows the user to arm, disarm and send special codes anywhere within the range of the system receivers. The keypad can be wall mounted or portable. Programming the Control Panel and the Panel Type determines what system functions are available from the Wireless Keypad.

2.0 Specifications

- **Dimensions (HxWxD):**

Keypad:	4.65 in. x 2.3 in. x 0.9 in. (118 mm x 58 mm x 23 mm)
Keypad Base:	5.1 in. x 2.85 in. x 0.6 in. (129.6 mm x 72.4 mm x 15 mm)

- **Operating Temperature:**   -20°F to +150°F (-29°C to +65°C) 0 to 95% relative humidity (non-condensing)
- **Frequency Band:**   304 MHz
- **Maximum RF Power:**   Less than 10 mW
- **Operating Voltage**:   Supplied by a 3 VDC lithium battery.
- **Battery Life:**   Approximately 3 years under normal operating conditions with the recommended battery types.
- **Recommended Battery Types:**   Duracell DL123A / Sanyo CR123A / Panasonic CR123A
- **Compatible Receivers:**   RF3222
- **Compliance:**   This device complies with Part 15 of the FCC Rules and the RSS-210 of Industry and Science Canada. Operation is subject to the following two conditions:
  (1) this device may not cause harmful interference, and
  (2) this device must accept any interference received, including interference that may cause undesirable operation.

  Changes or modifications not expressly approved by Bosch Security Systems can void the user's authority to operate the equipment.

3.0 Mounting (Optional)

3.1 Mounting Considerations

⚠️ **CAUTION** These keypads are **not** weatherproof. Do **not** mount outside.

✅ **IMPORTANT** Although the range of the keypad may be up to 500 feet (150 meters) in open air, normal building materials can greatly reduce its range. If use is anticipated in an automobile or if the building has aluminum siding, the range may be reduced even further. It is recommended that the keypad be tested at various locations around the premises to verify the range.

✅ **IMPORTANT** Avoid mounting the keypad in areas with significant metal or electrical wiring; such as, furnace rooms and utility rooms.

3.2 Mounting the Keypad

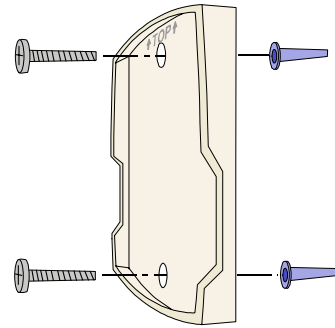- If so desired, mount the bracket using the supplied hardware (see Figure A).

Figure A - Mounting Bracket

4.0 Configuration

4.1 Configuring Wireless Supervision

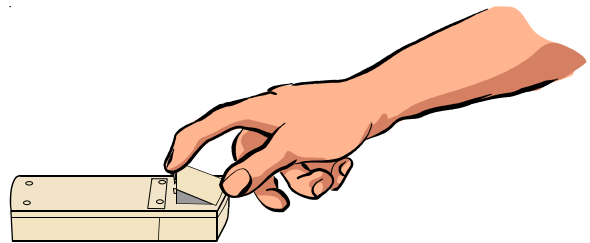- Open the battery compartment (See Figure B).

Figure B - Opening Battery Compartment

- Position the Supervision Jumper for Supervised or Unsupervised operation by the Control Panel (see Figure C).
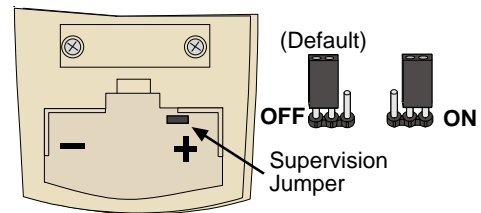

Figure C - Positioning Supervision Jumper

- Select **ON** (Supervised) only if the keypad will always be in radio range of the system receivers. If the keypad is moved beyond the range of the receivers, the wired keypad will indicate that the wireless keypad is missing.
- Select **OFF (Unsupervised)** if the keypad will be removed from the premises or if supervision is not desired.

4.2 Installing the Battery

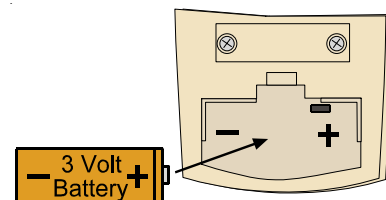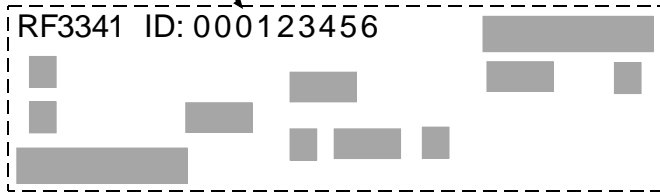- Install the Battery (see Figure D) making sure to observe the correct polarity.

Figure D - Installing Battery

- Replace the Battery Cover.

5.0 Programming the Panel's Use of the RF3341

The Keypad has an RF ID# reference on a label on its back that is used to configure the panel to use a specific keypad.

ID Number

RF3341 ID: 000123456

For more information, see the Control Panel's programming guide for wireless devices.
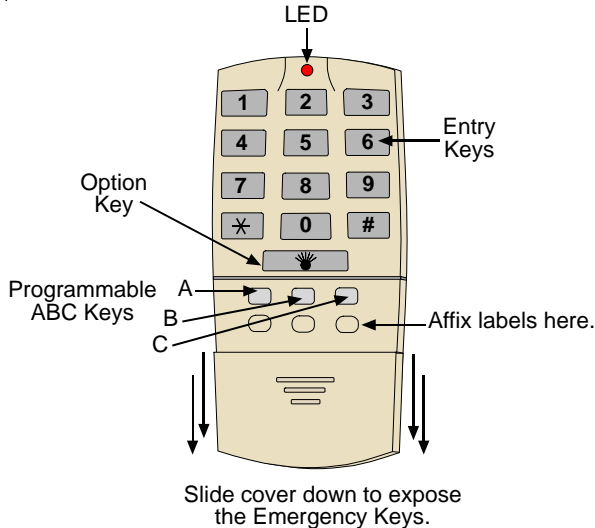
Figure E - Main Elements of the RF3341 Keypad

The three "ABC" keys will follow the Control Panel's Emergency Key programming. See your Control Panel's Programming Reference Guide for information on the Emergency Keys and on programming the keypad into the system.

NOTE: If your Control Panel is programmed to use the Keypad Emergency Keys, the RF3341 Keypad's "ABC" keys will follow those functions and should be labeled accordingly. Labels (see Figure F) are provided and should be applied to the recessed area below the corresponding "ABC" key (see Figure E). Once the labels are attached to the keypad, go to the System User's Guide and write in the functions of each key in the System Features Reference Guide section.
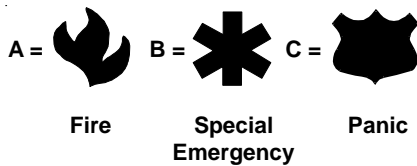
A = **Fire** B = **Special Emergency** C = **Panic**

Figure F - "ABC" Key Labels

In addition, there is a programmable Option Key ☀.

See the Control Panel's Reference Guide for information on the Option Key.

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