Friedland

Wirefree Remote Keypad
Installation and Operating Instructions

These instructions should be read in conjunction with your System Installation and Operating Manual and be retained for future reference.

Introduction

This Remote Keypad is suitable for use with Friedland Response Wirefree Intruder Alarm systems operating at 433MHz only.

The Keypad is used to control the system by using a four digit User Access Code. The Keypad incorporates a Personal Attack (PA) and anti tamper protection features that will immediately initiate a Full Alarm condition when activated. Any attempt to open the casing of the Keypad will immediately initiate a Full Alarm condition even if the system is disarmed, (unless the system is in Service, Test or Programming modes). In addition if a sequence of more than 16 incorrect key presses in entered the keypad will be disabled for the next 15s.

The Keypad's User Access Code is independant from any access codes used with Control Panel based systems.

Note: If used within a multi-user system such as the SA5, the keypad will register in the event log as "User 6"

The Keypad is powered by a 9V PP3 Alkaline battery. Under normal operating conditions this will provide an expected life in excess of 2 years. When the battery level falls below an acceptable level, the "LOW BATT" indicator on the front of the Keypad will flash. When this occurs the batteries should be replaced as soon as possible.

Positioning the Remote Keypad

The Keypad is suitable for mounting in dry interior locations only.

The Keypad should be located within a protected area, so that an intruder cannot reach the Keypad without first activating a PIR or magnetic door contact detector. The Keypad should be mounted in a position close to the main entrance door so that the user access code can be entered and the alarm system shut down within the 15s entry time period.

Ensure that the position selected for the Keypad is within effective range of the Siren, (refer to "System Installation and Operating Manual").

Note: DO NOT fix the Keypad to metalwork or locate the unit within 1m of metalwork (i.e. radiators, water pipes, etc) as this could affect the radio range of the Keypad.

## Installing and Configuring the Remote Keypad

Ensure that the Control Panel is in Test or Programming Mode, (or that the Siren is in Service Mode for single zone systems without a Control Panel), (refer to "System Installation and Operating Manual").

Fixing Screw
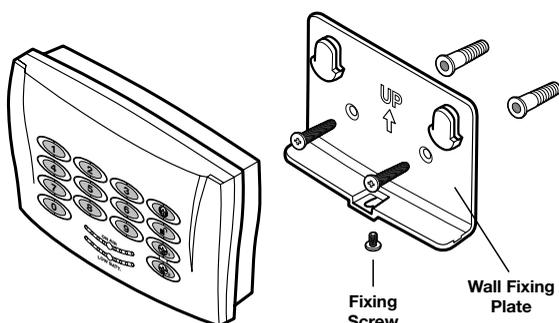
Wall Fixing Plate

1. Undo and remove the fixing screw from the bottom edge of the Keypad and remove the wall mounting plate.

2. Using the mounting plate as a template, mark the positions of the two fixing holes on the wall. A small spirit level will ensure a perfect level.

3. Fix the mounting plate to the wall using the screws and wall plugs provided, (a 5mm hole will be required for the wall plugs). Do not over-tighten the fixing screws as this may distort or damage the mounting plate.

   Note: The wall plugs supplied with the product are not suitable for plasterboard walls, if mounting the Keypad onto plasterboard use appropriate wall plugs.

4. Undo and remove the four fixing screws in the rear of the Keypad and remove the rear cover.

5. Located on the PCB above the battery clip is a row of 8 DIP switches. These switches set the House Code for the Remote Keypad and must be set to the same ON/OFF combination as the DIP switches in all other system devices.

PA/Tamper Jumper Link (P1)

House Code DIP Switches

Anti-Tamper Switch
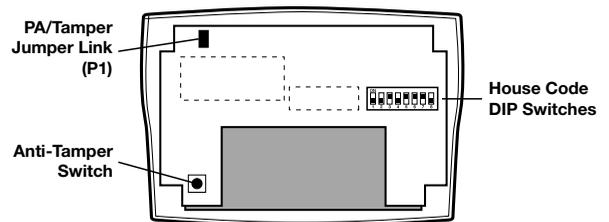
6. **Important:** If used with a "Siren Controlled" alarm system (i.e. a system without a separate Control Panel), jumper link P1 located in the top left corner of the PCB must be removed; or

   If the Keypad is to be used with a Control Panel based system, jumper link P1 must be left in place.

7. Connect the PP3 Alkaline battery to the battery clip.

8. Replace the rear cover and refit fixing screws. Do not over-tighten the fixing screws.

9. Refit and secure the Keypad onto the wall mounting plate. Do not over-tighten the fixing screw.

Note: The Keypad is supplied with a default User Access Code of: 1 2 3 4. For security reasons, it is recommended that this code is changed to another four digit number which only you and other users of the system know.

Testing the Remote Keypad

Ensure that the Solar Siren is in Operating Mode and for Control Panel based systems the Control Panel is in Standby Mode, (refer to "System Installation and Operating Manual").

1. Press (?) (?) (?) (?) , (🔒) to Arm the system.
   User Access code

2. Press and hold (🔔1) and (🔔2) buttons together, after approximately 2 seconds an alarm will be initiated.

3. Press (?) (?) (?) (?) , (🔓) to Disarm the system
   User Access code
   and stop the siren.

Operating the Remote Keypad

Arm:

Press (?) (?) (?) (?) , (🔒)
   User Access code

Part-Arm, (if applicable to system):

Press (?) (?) (?) (?) , (🔒₁) for Part-Arm 1
   User Access code

Press (?) (?) (?) (?) , (🔒₂) for Part-Arm 2
   User Access code

Delay Arm (single zone systems only):

Press (?) (?) (?) (?) , (🔒₁) or (🔒₂)
   User Access code

Disarm:

Press (?) (?) (?) (?) , (🔓)
   User Access code

Personal Attack/(PA) :

Press and hold (🔒₁) and (🔒₂) together for more than 2 seconds.

Siren Service Mode:

To switch the Siren into Service Mode -

Press (?) (?) (?) (?) , (🔓) (hold). The siren will beep/flash twice and then after approx 10s the siren emits a single long beep (and LEDS flash three times).

The Disarm key may now be released.

Siren Operating Mode:

To switch the Siren into Operating Mode:

Single Zone system -

Press (?) (?) (?) (?) , (🔒) (hold) for approx 10s until the siren emits a single long beep (and LEDS flash three times).

The Arm key should be released during the long beep.

Control Panel based system -

Press (?) (?) (?) (?) , (🔓) (hold) for approx 10s until the siren emits a single long beep (and LEDS flash three times).

The Disarm key should be released during the long beep.

Changing the User Access Code:

Default Code: 1 2 3 4

When using the Keypad the keys must be pressed firmly and within five seconds of each other. If you make a mistake, wait five seconds and recommence programming from the beginning of the sequence.

To change the User Access Code, press the following keys in sequence:

1. Press (🔒₁)

2. Enter (?) (?) (?) (?)
   current User Access code

3. Press (🔒₁) , the 'on-air' LED will flash twice

4. Enter (?) (?) (?) (?)
   new User Access code

5. Press (🔒₁) , the 'on-air' LED will flash three times to confirm the setting has been accepted. If the light does not flash, wait five seconds and re-enter the programming sequence from the beginning.

Battery

The "LOW BATT" indicator on the front of the Keypad will start flashing when the Keypad battery level drops too low. The battery should be replaced as soon as possible as follows:

1. Ensure that the Control Panel is in Test/Programming Mode, or that the Siren is in Service Mode for single zone systems without a Control Panel, (refer to "System Installation and Operating Manual").

2. Undo fixing screw at bottom of Keypad and remove from wall mounting plate.

3. Undo four fixing screws in the rear cover and remove cover.

4. Replace battery with a new 9V PP3 Alkaline battery.

5. Replace and fix the rear cover and then refit and secure the Keypad onto the wall bracket.

6. Remember to return the Siren to Operating Mode and/or the system to Standby Mode as appropriate.

Note: The Keypad will retain the User Access code for approximately 15 seconds whilst the battery is removed to be replaced. If the battery is disconnected for longer or has been allowed to run completely flat the User Access code will revert to the factory default (1234) when the new battery is connected. The User Access code will then need reprogramming to your own setting.

Guarantee

Novar ED&S undertakes to replace or repair at its discretion goods (excluding non rechargeable batteries) should they become defective within 1 year solely as a result of faulty materials and workmanship.

Understandably if the product has not been installed, operated or maintained in accordance with the instructions, has not been used appropriately or if any attempt has been made to rectify, dismantle or alter the product in any way the guarantee will be invalidated.

The guarantee states Novar ED&S entire liability. It does not extend to cover consequential loss or damage or installation costs arising from the defective product. This guarantee does not in any way affect the statutory or other rights of a consumer and applies to products installed within the UK and Eire only

If an item develops a fault, the product must be returned to the point of sale with:
1. Proof of purchase.   2. A full description of the fault.   3. All relevant batteries (disconnected).

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Note: If returning a Solar Siren, make sure that both the rechargeable battery and initial power up battery are disconnected and secure.