The 4180 is a remote wireless keypad for use in conjunction with the FM4000 control panel. Features include a 4 digit security code (user programmable), and Panic facility.

INSTALLATION
1. Avoid siting close to metalwork or large metal objects as this may affect radio range.

2. Before fixing into position, go to the control panel and program the keypad into the system as described on page 3.

3. Once programmed into the panel, check that the radio range at the desired location is satisfactory by arming and disarming using the keypad.

4. Fix the base to the wall with two screws (not provided).
Note; Now that the keypad is on the system, the tamper alarm will operate when opening up the keypad to fix it. Cancel the alarm by entering the user code on the panel keys.

5. After installation the received signal strength can be measured using the FM4000 control panels normal signal strength facility by sending a panic alarm from the keypad. (refer to the FM4000 instruction manual).

OPERATING THE ALARM FROM THE KEYPAD

OFF | 1 | 2 | 5 | 4 | 0 |

PART SET | 1 | 2 | 5 | 4 | ⊟ |

FULL SET | 1 | 2 | 5 | 4 | ▢ |

The green LED illuminates to confirm valid code, when led is on enter function (Off Part or Full). Wait until the LED goes out before entering the code again.

NOTE: If a wrong code is entered, wait 5 seconds before entering the code again.

PROGRAMMING YOUR OWN SECURITY CODE

1,2,5,4 is the factory set **security code.** If the battery is removed the keypad will revert to the factory code.
1,2,5,1 is the factory set **programming code**.

TO PROGRAM A NEW SECURITY CODE.

1. key in 1,2,5,1, followed by pressing the Part and Full set keys together twice.

e.g.
| 1 | 2 | 5 | 1 |

Press together   Press together

The green LED will illuminate leave for approx 6 seconds to ensure that you are in programming mode.

2. Now enter a 6 digit number.

The first 4 are your new security code.

The first 3 and 5th digits are the new programming code, which must be used next time to change the code.

The 6th digit can be any number and just completes the programming sequence at this stage the led will extinguish.

EXAMPLE If you enter 1,2,3,4,5,6 your new security code is 1,2,3,4 and the new programming code is 1,2,3,5. The last digit is ignored.
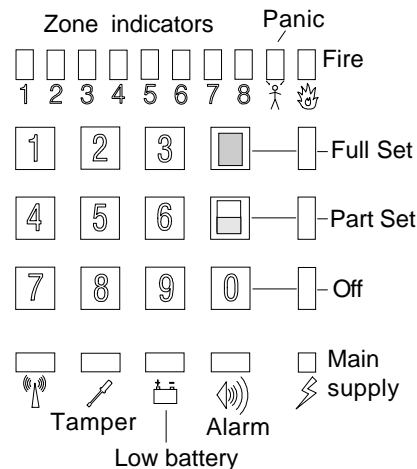
PANIC If two vertically adjacent keys are pressed together simultaneously e.g. 1&4 or 5&8 a panic alarm will be activated.

Note: This facility can be disabled by keying in the programming code 1251. and re enabled by keying in the programming code again.

LOW BATTERY If the battery falls to a point close to the end of its useful life a buzzer within the keypad will sound when setting or unsetting from the keypad.
The keypad may continue to operate for some time, however call your alarm company to have the battery replaced as soon as possible

Note: The low battery will not be signalled to the panel.

ADDING A KEYPAD TO THE FM4000 CONTROL PANEL

Zone indicators   Panic
1 2 3 4 5 6 7 8 — Fire
1 2 3 — Full Set
4 5 6 — Part Set
7 8 9 0 — Off
Main supply
Tamper   Alarm
Low battery

Connect A 9V Battery to the 4180 (Use only Eveready Energizer or Duracell MN1604).

1. Enter the engineers program mode by keying in the engineer code 4679 into the control panel.
(The alarm LED will flash to indicate that you are in the engineer mode)

2. Key in 11 to select remote control programming.

3. Press keys 1 and 4 together (on the 4180) to send a Panic alarm.
 (The panel will bleep twice and a zone LED will illuminate to indicate that a remote control or keypad is programmed onto the panel).
To remove all remote controls or keypads from the panel, press both the O and Part Set key on the 4000. (All zone LED's will go out).

4. Press the Full Set key on the panel to accept.

5. Key in 48 on the panel to exit engineer programming.

Note: Remote setting devices are not supervised.