DETECTION ZONES

ZONE 1 _____

ZONE 2 _____

ZONE 3 _____

ZONE 4 _____

ZONE 5 _____

ZONE 6 _____

ZONE 7 _____

ZONE 8 _____

PANIC _____

FIRE _____

EXIT TIME SETTING   minutes   seconds

ENTRY TIME SETTING   minutes   seconds
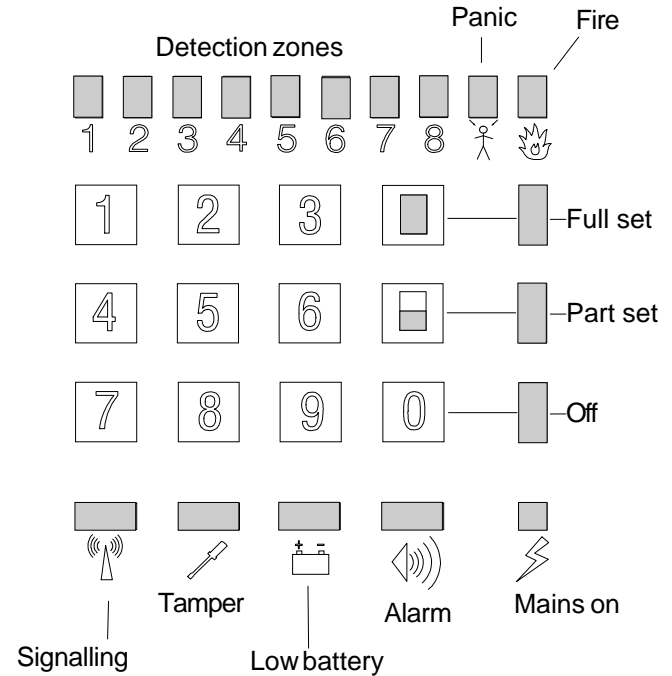
SIREN DURATION   minutes

PANIC FACILITY   Silent operation   Audible operation

FOR SERVICE TELEPHONE:

YOUR ACCOUNT NUMBER:

FM4000
ALARM SYSTEM

OPERATING   INSTRUCTIONS

FM Electronics Ltd.   *Manufacturer of quality wireless products.*

CI-085 iss4

ARMING THE ALARM SYSTEM WHILST REMAINING ON THE PREMISES

1. **Key in your 4 digit pin number.**

2. **Press Part set key**

3. The indicators illuminate to show which zones are being armed.
   To add or remove a zone, press the appropriate number key.
   A flashing indicator means that a door has been left open.

4. **Vacate the protected area via your designated exit route.**

5. **Wait for the exit timer bleep to stop.** The system is then armed.
   If the bleep does not stop, return to the panel to identify where the fault is.

   If the detectors are not clear to set, i.e.. A door is still open, the affected zone indicator will flash and will prevent arming until either the door has been closed, or that zone is omitted.

   When armed all zone and fault indicators will be extinguished.

DISARMING THE ALARM SYSTEM

1. **Enter the protected area by the designated entry route.**

2. **Go straight to the panel.**

3. **Key in your 4 digit pin number.**
   If you do not disarm the system before the entry time has expired, the alarm will operate.

PROTECTION WHILST YOU ARE AT HOME

If you have a portable panic button a full alarm will be initiated by pressing the Panic button for one second. Refer to the rear page to see if your panic button has been set for silent or audible operation.
The Part Set facility allows part of the system to be armed whilst you are at home. For example detectors downstairs can be armed whilst you are in bed. Or a part of the building can be armed whilst you are working in another part of the premises.

CHANGING YOUR PIN NUMBER.

You can change your 4 digit PIN number at any time by the following sequence.

1. Enter your 4 digit pin number.

2. Press key 7.
   The full set indicator on the panel will flash.

3. Key in your new 4 digit pin number <u>twice.</u>
   The flashing indicators will now stop.

If you make a mistake when keying in a number, press the Full Set key to exit and start again. The number will not change until you have keyed in the same 4 digit PIN number twice.

If no key is pressed for 20 seconds the program mode is aborted and the panel will revert to the original pin number.

ALARM MEMORY

Following an alarm the event leading to the alarm is stored in memory. At any time whilst unset, the alarm display can be recalled in order to verify what occurred.

Press the full set button - The detector or fault which initiated the last alarm will be displayed.

Pressing the Part Set button - Recalls the most recent event.

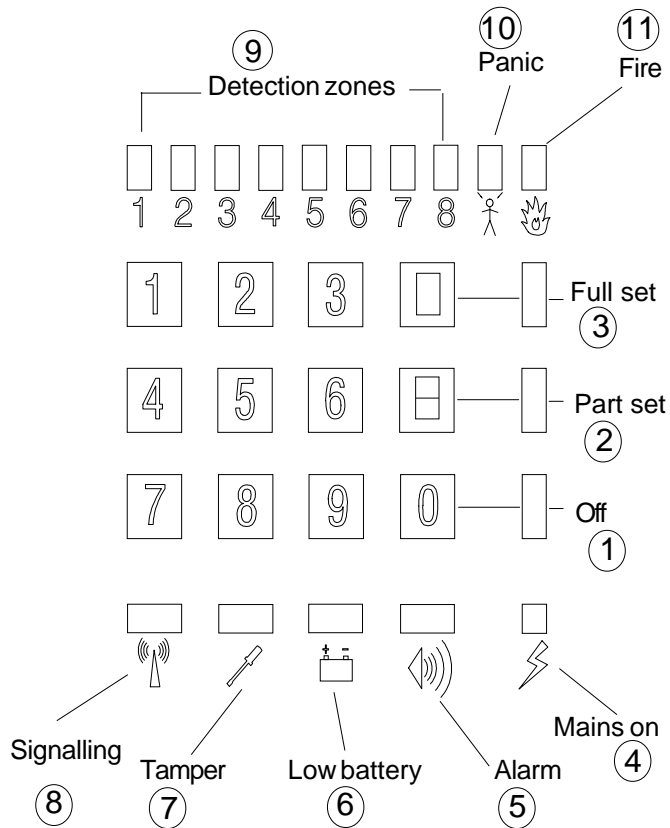Pressing 0 returns the display to normal.

CHIME OPTION

If you require a detector to trigger a chime. i.e. To give an audible indication when someone enters via the front door, you may set the sensor on that door to operate a chime.

To set or remove chime:
1. **Key in your pin number**

2. **Press the 8 key.**
   The Full set indicator will flash.

3. **Press the number keys** to select which zones will chime.
   The zones with their <u>indicators illuminated will chime.</u>
   The zones <u>not illuminated will not chime.</u>

4. **Press the Full Set key** when you have set the desired chime zone

Explanation of indicators on the control panel

Detection zones — 9
Panic — 10
Fire — 11

1 2 3 4 5 6 7 8

1 2 3 — Full set (3)
4 5 6 — Part set (2)
7 8 9 0 — Off (1)

Signalling (8)
Tamper (7)
Low battery (6)
Alarm (5)
Mains on (4)

(1) Off — Illuminated when the system is disarmed.

(2) Part set — Illuminated when the system is Part armed.

(3) Full set — Illuminated when the system is Fully armed.

(4) Mains on — Illuminated - indicates mains supply is present.
Flashing - is a warning that mains supply is disconnected.

(5) Alarm — Illuminated - Indicates an alarm has occurred.
Flashing - An alarm has occurred and the system needs an engineer reset. (Call your alarm company)

PREVENTING FALSE ALARM

1. When you are away from home with the alarm system armed, Dogs or Cats must not be allowed access to rooms protected by PIR movement detectors.

2. Always disarm the system immediately on entry and ensure that children or pets do not deviate from the entry route until the system has been disarmed.

3. When going away do not turn off the electricity supply to the alarm.
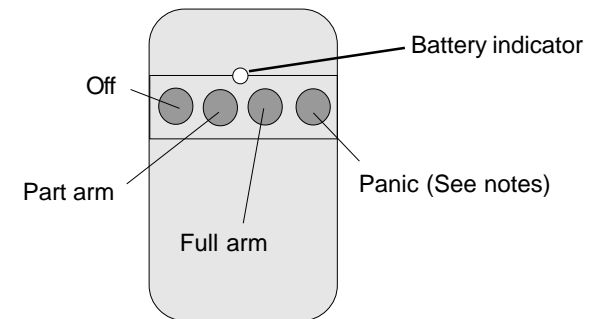
WHAT HAPPENS IF THE ALARM OPERATES WHILST YOU ARE AWAY

The Siren will operate for a pre-determined time and then turn off to avoid noise nuisance.
The strobe will continue to flash until the system is disarmed.
The system will automatically re-arm after the siren has cut out.
To reset the alarm, if the alarm light is flashing, contact your alarm company. If the alarm light is on constantly then enter your 'user code' followed by zero on the control panel. You can now operate the system as normal.

USING THE 4174 REMOTE CONTROL

Full arm — Press the Full set button for one second.

Part Arm — Press the Part Set button for one second.

Disarming — Press the OFF button for one second.

Panic Alarm — Press the two outside (Off and Panic) buttons for one second. (Some systems may be set to respond to pressing the Panic button only)

Battery low indication - When operating the remote control the green status indicator illuminates. If it fails to illuminate the battery is getting low. Replace the battery as soon as possible.

Off
Battery indicator
Part arm
Panic (See notes)
Full arm

4171 PANIC BUTTON

This operates in a similar way to the remote control except it has only one button. To operate press the red button for one second.

KEYPAD TAMPER

If incorrect attempts are made to enter the pin number, a tamper alarm will operate,
(Internal audible in daytime.   Full alarm when armed).

TESTING YOUR ALARM SYSTEM

If your system incorporates an automatic telephone dialler going through to a neighbour let your neighbour know you are carrying out a test .
If you have Police response via a Central Station connection, triggering the alarm will not be acceptable to the Police.

Facility exists for you to test the detectors without causing a full alarm.

To select walk test:
1.   **Key in your pin number**

2.   **Press the 9 key.**

3.   **Walk around the building triggering each detector.**
      Each time a detector is triggered a chime tone will be generated.
On return to the panel, the zone indicators will be illuminated, indicating which zones have been triggered.
Pressing the Off "0" key will clear the indicators.
PIR movement detectors have a 2 minute battery save timer. This means that once it has sensed movement and transmitted its alarm signal, the detector must see no movement for 2 minutes before it becomes active again.
Before testing PIR detectors ensure that no one has walked past them for 3 minutes.
A detector with a low battery will operate the internal audible alarm when triggered.

To return the zone indicators to normal operation:
1.   **Key in your pin number**

2.   **Press the 6 key.**
In normal operation the zone lights indicate when a door is open and go out again when the door is closed.
The panel will return to normal display next time you arm the system in any case.

TESTING YOUR OUTSIDE BELLS / SIREN

Facility exists for you to test the outside bells.

To operate the bells for 10 seconds:
1.   **Key in your PIN number**
2.   **Press the 4 key**
3.   **The outside siren will sound for approximately 10 seconds.**

(6) Low battery Illuminated Control panel battery fault. (Call your alarm company)
                              Flashing with a zone indicator - A detector battery needs
                              replacing. Call your alarm company.

(7) Tamper   Illuminated - The control panel or external siren has been tampered
                              or incorrect pin numbers have been entered
                              Flashing with a zone indicator - A detector has been
                              tampered with.
                    (Call your alarm company)

(8) Signalling Illuminated - A radio signal of a similar frequency is present for
                              more than 45 seconds. If it continues call your alarm
                              company. Flashing with a zone indicator - A detector
                              has failed to report.
                              (Call your alarm company)
            Flashing on its own -   The telephone line is not operational.
            (If the line remains faulty call your alarm company)

(9) Zones 1 to 8   If an alarm has occurred they indicate which detector first
                            triggered the alarm.

(10) Panic   Indicates that a panic alarm has been operated.

(11) Fire   Indicates that a fire sensor has operated.

ARMING THE ALARM SYSTEM WHEN LEAVING THE PREMISES

1.   **Key in your 4 digit pin number. (Factory default is 1 2 3 4)**

2.   **Press Full set key**

3.   The indicators illuminate to show which zones are being armed.
      To add or remove a zone, press the appropriate number key.
      A flashing indicator means that a door has been left open.

4.   **Vacate the protected area via your designated exit route.**

5.   **Wait for the exit timer bleep to stop.** The system is then armed.
      If the bleep does not stop, return to the panel to identify where the fault is.

      *If the detectors are not clear to set, i.e.. A door is still open. The affected zone
      indicator will flash and will prevent arming until either the door has been closed
      or that zone is omitted.*

      When armed all zone and fault indicators will be extinguished.