| 26   June   15:41:22 |
| Low battery |

A detector has reported a low battery.
The detector which sent the signal will also be displayed.
If it re-occurs have the battery replaced.

| 26   June   15:41:22 |
| Keypad tamper |

15 incorrect key presses have been recorded at the control panel, or a remote keypad has been tampered with. Cancel by entering your 4 digit PIN number.

| 26   June   15:41:22 |
| Line fault |

The telephone line has developed a fault. Call your alarm company if it does not clear.

| 26   June   15:41:22 |
| Supervisory fault |

The radio transmission from a detector has not been received correctly. If it persists call your alarm company.

| 26   June   15:41:22 |
| Tamper |

A detector has reported a tamper. i.e. a detector cover has been removed.

| 26   June   15:41:22 |
| Mains restored |

The control panel has recorded a mains interruption.

| 26   June   15:41:22 |
| Walk test |

When you have carried out a customer walk test the display will show the last detector triggered. You can examine the log to see all the detectors operated during walk test.
When you have completed your walk test, key in your PIN number followed by 6 to come out of test mode.

| 26   June   15:41:22 |
| Panel tamper |

Either the control panel lid has been opened or a fault has developed on the wiring to your external siren. Call your alarm company.

| 26   June   15:41:22 |
| Panic alarm |

A panic alarm has been received from a remote control, a panic button or a remote keypad. Enter your PIN number to cancel the alarm.

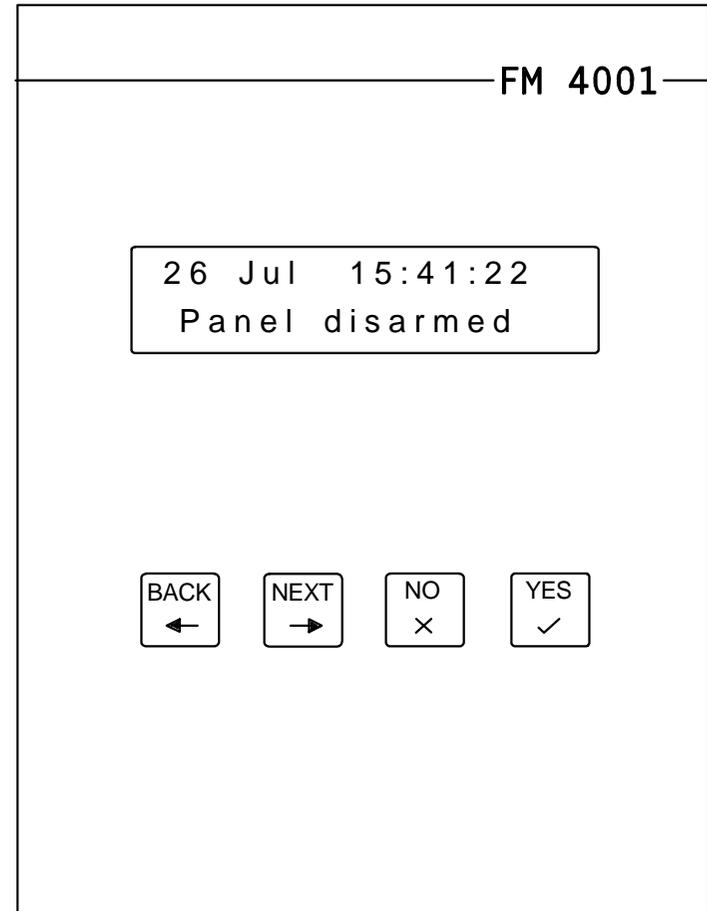| 26   June   15:41:22 |
| 24 hr alarm |

A detector which is set to be active 24Hrs per day has reported an alarm. The detector will be displayed.

| 26   June   15:41:22 |
| Auxiliary alarm |

A detector such as a temperature or water level alarm has operated. The device will be displayed.

| 26   June   15:41:22 |
| Soak test |

A detector which has been disconnected from the alarm system for tests has alarmed. Inform your alarm company.

FM4001
LCD DISPLAY

OPERATING   INSTRUCTIONS

FM 4001

```
26 Jul  15:41:22
Panel  disarmed
```

| BACK ← | NEXT → | NO × | YES ✓ |

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

CI-121 iss2

The FM4001 enables you to expand your alarm system up to a maximum of 64 alarm detectors.

INTERNAL MEMORY
Each operation of the alarm system is stored in an internal memory called the "SYSTEM LOG" which has a capacity of storing the last 511 events together with the time and date that they occurred. The system log can be read out on the LCD display when required.
It is also possible for your engineer to connect a printer to the FM4001 and obtain a full print out of the log.

DETECTION DEVICE DESCRIPTIONS
A facility is included for you to program descriptions up to 16 characters in length to identify each alarm detector individually.

DEVICE DATA
A facility used for indicating the number of times a device has transmitted. This count includes all transmissions and is for indication of device operation only.

CHANGING THE TIME & DATE
The internal clock is used to identify the time of alarm operation.
To set the time

1. Enter your 4 digit pin number.

2. Wait 3 seconds
    Display shows

    ```
    Show manager's
        menu?
    ```
    Press the YES button.

3. Display shows

    ```
    16Jun  19:03:46
    Set  the  time?
    ```
    Press YES

4. Display shows

    ```
    16Jun  19:03:46
    Set  the  hour?
    ```
    Press YES to change the hour

Use the arrow keys to set the hour. Hold down the arrow key to scan quickly through the hours. Press YES when the correct hour is displayed.

5. Display shows

    ```
    16Jun  19:03:46
    Set  minutes?
    ```
    Press Yes to change the minutes.

Use the arrow keys to set the minute. Hold down the arrow key to scan quickly through the minutes. Press YES when the correct minute is displayed

6. Display shows

    ```
    16Jun  19:03:46
    Set  the  date?
    ```
    Press YES to change
    NO to make no change.

ZONE 7		FIRE DETECTORS	
71		F1	
72		F2	
73		F3	
74		F4	
75		F5	
76		F6	
77		F7	
78		F8	

ZONE 8	REMOTE CONTROLS	PANIC BUTTONS
81	R1	P1
82	R2	P2
83	R3	P3
84	R4	P4
85	R5	P5
86	R6	P6
87	R7	P7
88	R8	P8

DISPLAYS AND WHAT THEY MEAN
The time displayed will be the time that the alarm or fault occurred.
The display will automatically clear next time you arm the system.
If you want to clear a display enter your PIN number followed by Off.

```
26   June    15:41:22
     Panel disarmed
```
Normal daytime display

```
26   June    15:41:22
        Exit fault
```
When arming the system with a door open. The display also shows which door has been left open.

```
26   June    15:41:22
       Entry alarm
```
The alarm was activated by exceeding the entry time when disarming. Have your alarm company extend the entry time.

```
26   June    15:41:22
          Alarm
```
An alarm occurred whilst the system was armed. The detector which triggered the alarm will also be displayed

ZONE 1

11 _____

12 _____

13 _____

14 _____

15 _____

16 _____

17 _____

18 _____

ZONE 2

21 _____

22 _____

23 _____

24 _____

25 _____

26 _____

27 _____

28 _____

ZONE 3

31 _____

32 _____

33 _____

34 _____

35 _____

36 _____

37 _____

38 _____

ZONE 4

41 _____

42 _____

43 _____

44 _____

45 _____

46 _____

47 _____

48 _____

ZONE 5

51 _____

52 _____

53 _____

54 _____

55 _____

56 _____

57 _____

58 _____

ZONE 6

61 _____

62 _____

63 _____

64 _____

65 _____

66 _____

67 _____

68 _____

7. If you answer YES
    display shows

```
16Jun   19:03:46
Year=1996
```

Use the arrow keys to select the year
When the correct year is displayed press YES

8. Display shows

```
16Jun   19:03:46
Month =   Jun
```

Press YES to change

Use the arrow keys to select the month
When the correct month is displayed press YES

9. Display shows

```
16Jun   19:03:46
Day=16
```

Press YES to change

Use the arrow keys to select the day
When the correct day is displayed press YES

10.   The display now asks you if you wish to review any other user information.
Press NO to each question until END OF MENU is displayed.

```
▬▬▬▬▬▬▬▬▬▬▬▬▬▬
End  of   menu
```

CHANGING OR ENTERING DETECTOR DESCRIPTIONS.

If no descriptions have been programmed, each alarm sensor will be identified by its
zone and device number.
A 16 character description may be entered if preferred to make identification easier.
To key in a description.
1.   Key in your 4 digit PIN number.

2.   Display shows

```
Show  manager's
    menu?
```

Press YES.

3.   Display shows

```
16Jun   19:03:46
Set   the   time?
```

Press NO.

4.   Display shows

```
16Jun   19:03:46
Set   the   date?
```

Press NO

5.   Display shows

```
    Review
descriptions?
```

Press YES

6. Display shows

```
Device number 11
Zone 1   Device 1
```

Use the arrow keys to select the device number you require.

8. Press YES if you want to change the description
(NO key takes you out of description programming altogether).

9. If you press YES the display will delete the current description and will display a choice of characters.
Use the arrow keys to find the character required and press YES to enter it.

```
  F > G< H    5 8
LOUN_
```

The above diagram shows the letter G selected. Key YES to enter.

To delete the last letter press the NO key.

The number seen in the top right hand corner is the zone and device number.
Find the next character using the arrow keys and YES to enter it.

Repeat until the word is built up and then finish with the end of description character ■

Characters available:
ABCDEFGHIJKLM NOPQRSTUVWXYZ 0123456789()-+=#?/&∗.,:;'   ■

"Space"   "Space"   "Space"

"END OF DE-
SCRIPTION"

DISPLAYING THE SYSTEM LOG

1. Key in your 4 digit pin number.

2. Press the NO key
until the LCD displays

```
Show  system
     log?
```

Press YES

3. The first item in the log is the most recent event

Press the BACK arrow key to move backwards in time.
The arrow keys can be used to move up and down the log.
Press NO key to exit from the log.

```
26Jun    20:02:23

```

REVIEW DEVICE DATA

1. Key in your 4 digit pin number, wait 3 seconds.

```
Show  manager's
      menu?
```

Press YES

2. Press the NO key
until the LCD displays

```
Review Device   Data?
```

Press YES

3. The display will show

```
Review Device   Data?
       Please Wait.
```

4. After this the display willshow

```
11              XX
FRONT DOOR
```

5 This display is now showing
11 = Zone One Device One
XX = The Number of transmissions since the panel was   last set, up to a   maximum of 94 Note this figure will not equal the number of device activations   as some conditions will transmit more times than others.
FRONT DOOR is the text description programmed against the relevant device.

6 You can use the arrow keys to look through all the devices on your system or select a particular device.

7 When you have looked at all the required devices press either the Yes or the No key to exit the Menu.

```
−−−−−−−−−−−−−−
End  of  menu
```