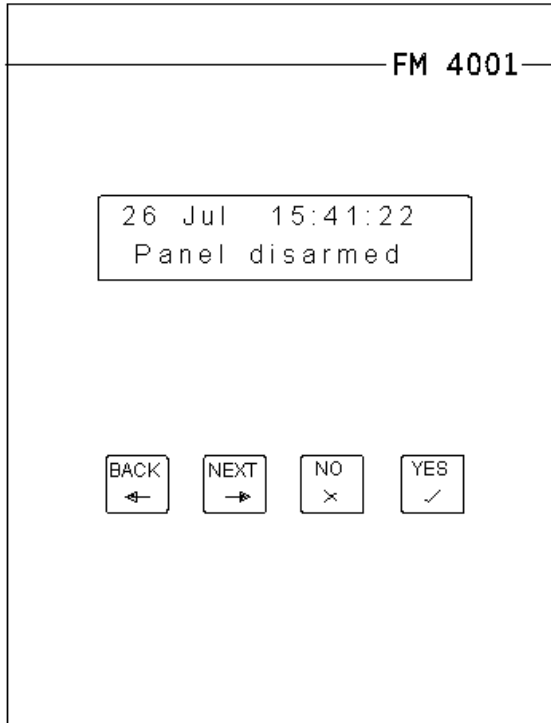


FM4001

LCD DISPLAY

OPERATING INSTRUCTIONS



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FM Electronics is the Manufacturing division of **FM Security Ltd**

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

Sh o w m a n a g e r ' s
m e n u ?

Press the YES button.

3. Display shows

1 6 J u n 1 9 : 0 3 : 4 6
S e t t h e t i m e ?

Press YES

4. Display shows
the hour

1 6 J u n 1 9 : 0 3 : 4 6
S e t t h e h o u r ?

Press YES to change

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
the minutes.

1 6 J u n 1 9 : 0 3 : 4 6
S e t m i n u t e s ?

Press Yes to change

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

1 6 J u n 1 9 : 0 3 : 4 6
S e t t h e d a t e ?

Press YES to change
NO to make no change.

7. If you answer YES
display shows

1 6 J u n 1 9 : 0 3 : 4 6
Y e a r = 1 9 9 6

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

8. Display shows
change

1 6 J u n 1 9 : 0 3 : 4 6
M o n t h = J u n e

Press YES to

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

9. Display shows
change

1 6 J u n 1 9 : 0 3 : 4 6
D a y = 1 6

Press YES to

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.

- - - - -
E n d o f m e n u

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

S h o w m a n a g e r ' s
M e n u

Press YES.

3. Display shows

1 6 J u n 1 9 : 0 3 : 4 6
S e t t h e t i m e ?

Press NO.

4. Display shows

1 6 J u n 1 9 : 0 3 : 4 6
S e t t h e d a t e ?

Press NO

5. Display shows

R e v i e w
d e s c r i p t i o n s

Press YES

6. Display shows

```
Device number 11
Zone1 Device 1
```

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

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

8. 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 End of description

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.

26 Jun 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 will show

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.

E n d o f m e n u

UNDERSTANDING THE TEXT DISPLAY.

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

The panel disarmed or system set messages may only be available for a limited time, your alarm engineer will set this time to meet current regulations, currently 30 seconds max. See engineer option 61 for available settings.

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

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.