EMS

FirePoint

5000

RADIO DOME SOUNDER INSTALLATION MANUAL

EMS 5000 FIREPOINT

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1. Logging on a Dome Sounder

If the installation has been ordered as a complete system, the devices and panel will be supplied already "pre-programmed". In this scenario go straight to the "Sounder Volume" section. Otherwise, when the dome sounders are purchased separately, they must be added manually to the system. The process of adding radio devices to the 5000 FirePoint Control Panel, is largely carried out automatically, by the panel's own operating system. It is usual practice for each device to require "logging on" to the system. In such cases, the following action must be taken.

The Dome sounder is shown below, in Figure 1, with the base removed. When removing the AA battery as shown below, the logon button is exposed.
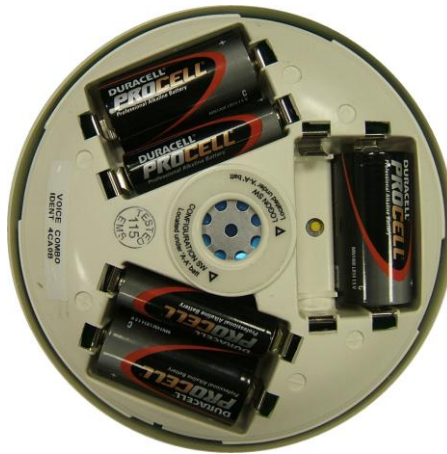

Figure 1

The dome sounder can be programmed to the system by the following procedure:

To log the device onto the 5000 FirePoint, take the device to the front of the panel. Insert the key into the Panels Control Key switch, located on the bottom right of the Panel.

Step No	Action	Screen Display
1	With the key in the "ON" position, the screen will display:	Panel in Access Date Time
2	Press the "0" key and the screen will now display:	|***Options *** * | > Passwords < | Time and Date | Yes =Select Time
3	Press the "∇" key until the screen displays:	| Logging | > Fire System Opts < | Remote Access | Yes = select Time
4	Press the "YES" key and the screen will now display:	|** Fire system ** | > Dev. Disable /Test< | Net. Disable /Test | Yes= Select Time

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5	Press the "∇" key until the screen displays:	<pre>| System Mode |
		>Engineers Config <
		| Printer Options |
		Yes= Select Time</pre>

6	Press the "YES" key and the screen will now display:	<pre>Enter Your PIN
		For Access>
		Then Press YES
		                Time</pre>

7	Press 221100 then press the "YES" key and the screen will display:	<pre>|** Eng.; Config ** |
		> Device Database <
		| Sounder Options |
		Yes= Select Time</pre>

8	Press the "∇" key until the screen displays:	<pre>| Sounder Options |
		> Log On Devices <
		| Site Survey |
		Yes= Select Time</pre>

9	Press the "YES" key and the screen will now display:	<pre>Logon DISABLED(000)
		Push YES to change
		Push NO to escape
		Push YES/NO Time</pre>

10	Press the "YES" key to change and the screen will now display:	<pre>|**Logon Options** |
		> Logon Slot :AUTO<
		| Slot is :FREE |
		Yes= Select Time</pre>

11	Press the "0" key and the screen will now display:	<pre>Enter Device
		(Numbers 1-256)
		Number>
		Yes= Finish Time</pre>

12	Enter the slot number that you want to add a device to (e.g. 125) then press the "YES" key and the Screen will now display:	<pre>| **Logon Options** |
		> Logon Slot :125 <
		| Slot is :FREE |
		Yes= Select Time</pre>

13	Press the "∇" key until the screen displays:	<pre>| Slot is :IN USE |
		>Logon is DISABLED<
		|/\/\/\/\/\/\/\/\ |</pre>

14	Press the "YES" key and the screen will now display:	<pre>| Slot is :IN USE |
		>Logon is ENABLED <
		| /\/\/\/\/\/\/\ |</pre>

15	Press and hold the logon button, (as shown in Figure 1 above), for 2-3 seconds, and the screen will now display:	<pre>Logon Default Device
		125
		
		Yes= Select Time</pre>

		<pre>Added Default Device
		125
		
		Yes= Select Time</pre>

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	Slot is :IN USE
	>Logon is DISABLED<
	/\/\/\/\/\/\/\/\

16   Press the "YES" key twice and the screen will now display:
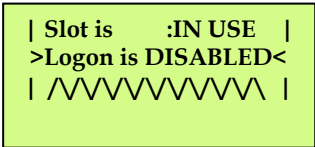
17   Press the "NO" key three times and the screen will now display:

| 01 FAULT   TOT 02 |
| Default Device 125 |
| ZONE 01 DEVICE 125 |
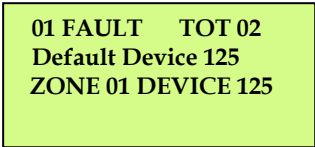
Note: After logging the device on to the system there may be two faults:- 1st fault is processor reset. 2nd fault is the Tamper. (Make sure the device tamper is clear by stabilising the dome sounder, as explained in section 3, then press the silence and reset buttons to clear the faults). The tamper fault will only appear when switch 1 (Tamper Disable Switch) is set to the "Off" position, thus enabling the tamper feature, as explained in Section 3.

18   After the faults have been cleared, turn the control key to the "OFF" position and the screen will display:

| Status Normal |
| Date   Time |
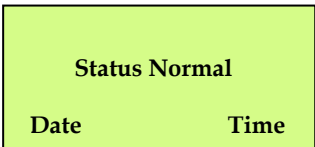
2. Sounder volume

The dome's sounder volume can be adjusted using the switches as shown below in Figure 2.

The switch settings for the volume are dispatched as HIGH volume, with switches 3 & 4 both in the "On" position.

	High	**HIGH (Default)**	**Medium**	**Low**
Switch settings	3 On, 4 Off	3 & 4 On	3 Off, 4 On	3 & 4 Off

Figure 2

Sounder switches are exposed when removing the AA battery as shown below in Figure 3.

Figure 3

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Sounder switches shown below in Figure 4.

Sounder Volume Switches (Where the Switch in an Upwards orientation = the On Position)

Figure 4
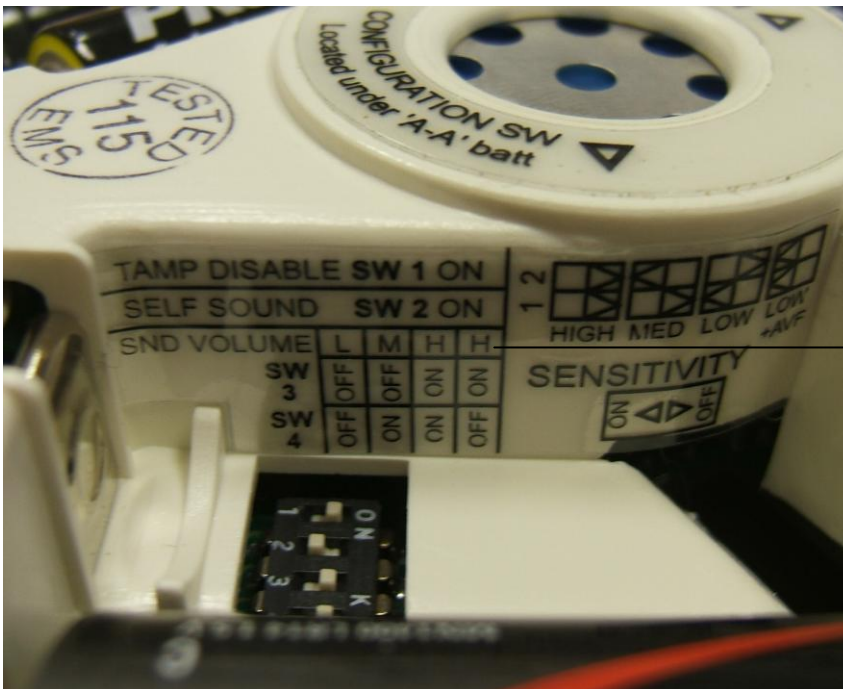
Sounder Configuration Label, shown below in figure 5.

Sounder Dome Configuration Sticker

Figure 5

Note: The Sensitivity switches are not used on this model.

3. Unit Tamper

To enable the tamper facility, switch number 1 will need to be set to the "Off" position. Alternatively, to disable the tamper facility, switch number 1 will need to be set to the "On" position. The dome sounder has a built in tilt bottle, that once tilted, the device will generate a tamper event. Switch number 1 is shown in Figure 5 above. (It can be seen in the figure above that the tamper facility is disabled).

Additional protection can be made by fitting the supplied anti tamper screws.

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PLEASE NOTE:
Tamper Knockout
requires removal in order
to fit the Anti Tamper
Screw

4. Dome Sounder Installation

When installing, ensure all dome sounders are sited in accordance with survey and design details.

The mounting plate is shown in Figure 6. The plate can be removed by turning the mounting plate in an anticlockwise rotation, whilst holding the sounder/dome section.

Figure 6

Affix the mounting plate to the ceiling or wall using no.8 countersunk screws with suitable fixings. Ensure that the sounder orientation is correct, and that countersunk head screws are used so as to prevent the possibility of damaging the internal components.

Once the mounting plate is in place, the device can be installed to it's location by twisting the sounder/dome section clockwise onto the mounting plate.

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