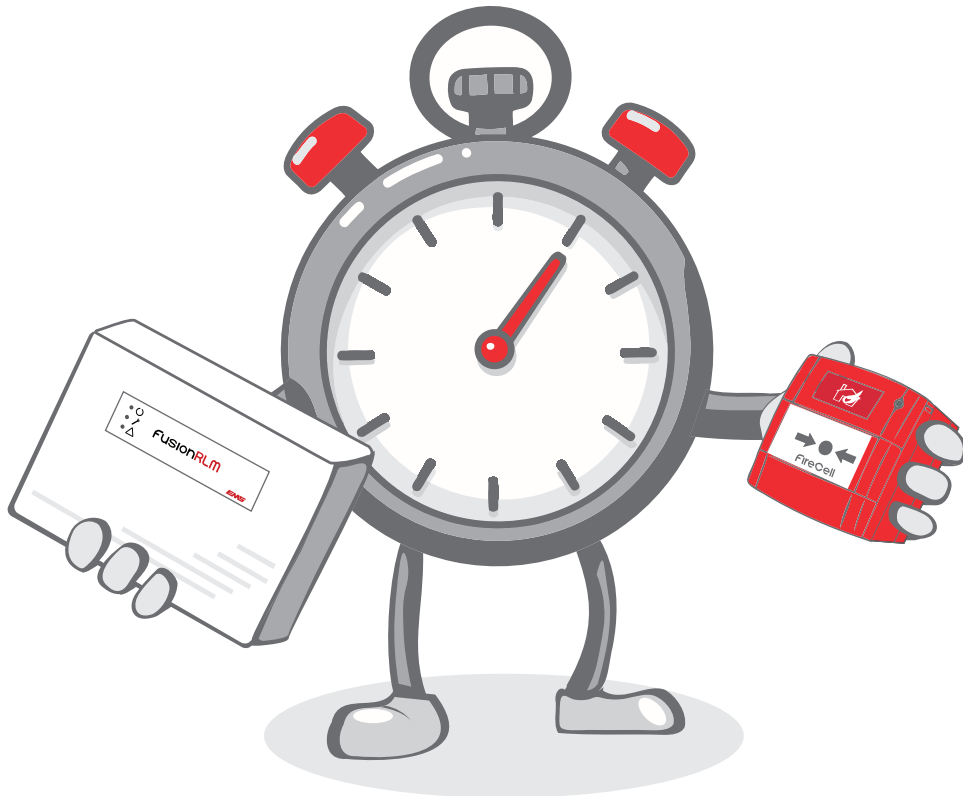




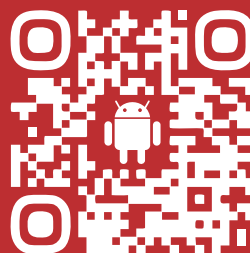
FusionRLM



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Step 1 - Install panel & loop module

The control panel and loop module require installation into their proposed locations. See the Fusion loop module installation guide (TSD077) for more information.

Once the control panel and loop module are installed and power is applied, the loop module will show the following default screen:

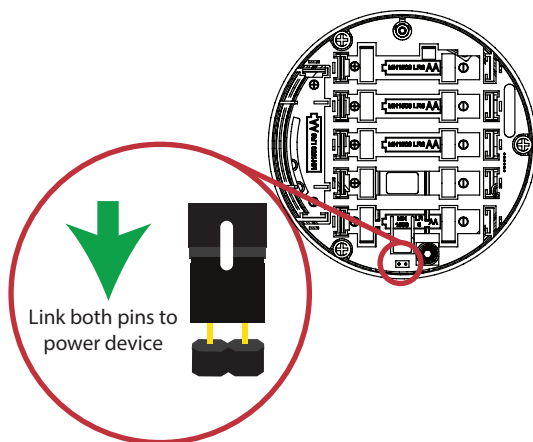


DEV01 = total number of devices on the system, between 00 & 31. AL00 = total number of devices in alarm condition, between 00 & 31. FT00 = total number of devices in fault condition, between 00 & 31.

Note: As default, the loop module will be set to device address 001. This can be changed if required. For further details download the Fusion loop module programming manual (TSD062) from www.emsgroup.co.uk

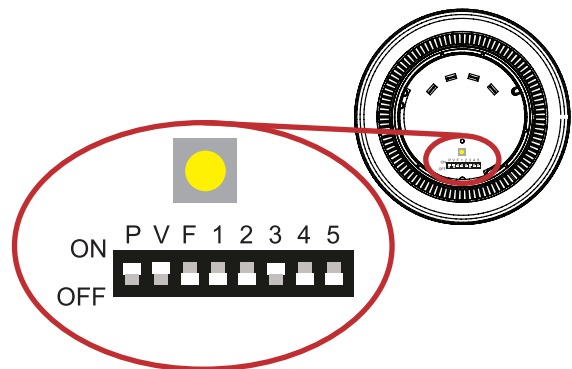
Step 2 - Power up the devices

Detectors, sounders, call points and input/output units have power jumpers as shown:



Combined sounder detectors are powered by changing the orientation of switch P as shown:

Switch P on = POWER ON



Step 3 - Add & install devices

To log on the devices; the loop module must be in the correct operating menu and then the device log on button pressed until the red confirmation led lights next to the button (*note on the call point the alarm led is utilised for this feature*).

From front display Add New Device screen displays Press Dev Log On followed by Add Dev 03456 Y? select required address Detector Added.



to exit.

The device now requires installation to its location. (See associated device installation guide for more information).

Step 4 - Add devices to control panel

The devices will now require adding to the connected control panel, ensuring consistency of device addresses with the loop module. Note: combined sounder/detectors will hold two loop addresses. (*The first for it's sounder and the next for it's detector*).

Step 5 - Check device signal levels

Device signal levels can be found in the Signal Level menu:

From front display  Device Status  select desired device  Signal Level

This menu shows information on the two signalling channels used by the loop module. The displayed signal levels range from 0 to 45dB, with 45 being the highest signal and 0 being the lowest (*where no signal is being seen*). All signal levels are shown below:

20dB or greater	Indicates a good signal level
13 to 19dB	Indicates a medium signal level
8 to 12dB	Indicates a low signal level
1 to 7dB	Indicates a caution signal level
0dB	Indicates no signal level is being received



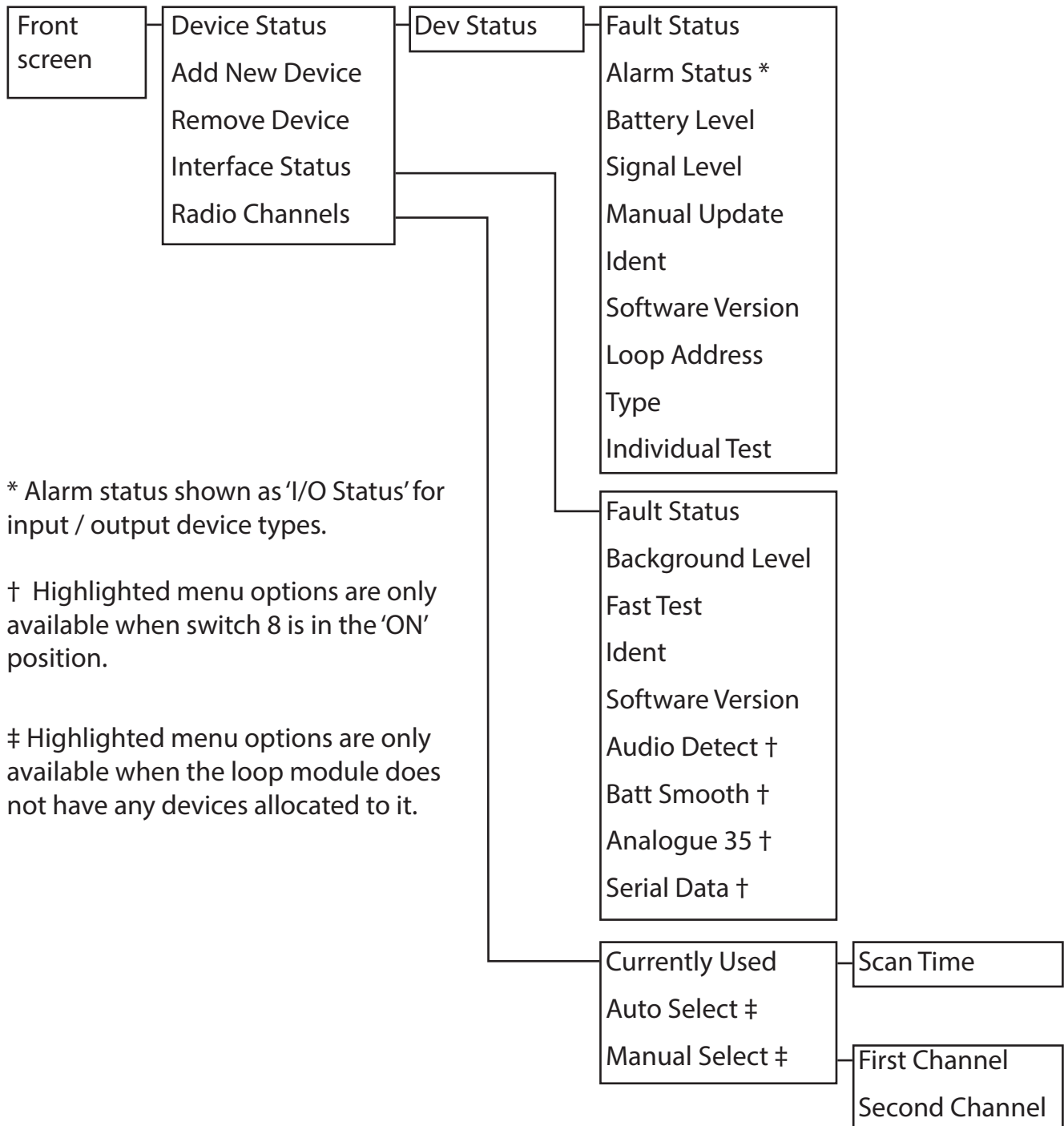
to exit.

Step 6 - Test devices

The system can now be tested to ensure correct operation. Available analogue values are listed below:

Analogue value	Device Type	Symptom
0	All	Battery missing
1	Detector	Head fault
1	Sounder	No audio output
2	Detector	Head missing
3	Sounder	Head missing
4	All	Tamper
4	Input / output	Input open / short circuit
4	Loop module	Aerial tamper
7	All	Batteries low - <i>replace within 30 days</i>
13	All	Radio signal strength caution
14	All	Radio signal strength low
16	Call point, sounder & input / output	Radio signal strength good or medium
20	Detector	Radio signal strength medium
25	Detector	Radio signal strength good
35	Detector	Detector head dirty
50	Detector	Pre-alarm
64	Call point	Alarm condition
85	Detector	Alarm condition

Menu structure



The information contained within this literature is correct at time of publishing. EMS reserves the right to change any information regarding products as part of its continual development enhancing new technology and reliability. EMS advises that any product literature issue numbers are checked with its head office prior to any formal specification being written.



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