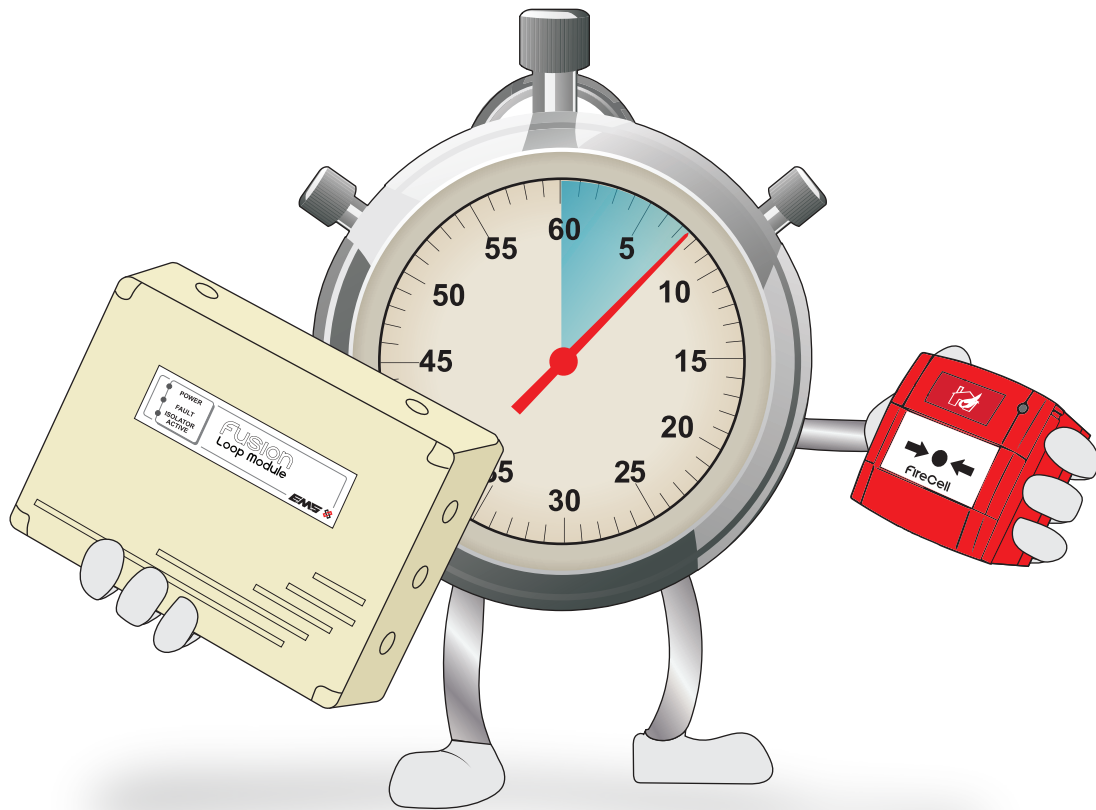


Fusion Loop module



QUICK START GUIDE

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.

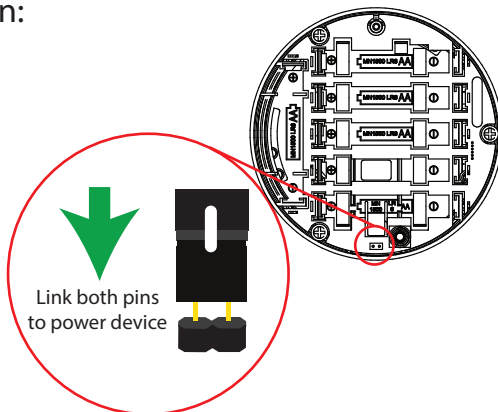
AL00 = total number of devices in alarm condition, between 00 & 31.

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 engineers guide (TSD062) from www.emsgroup.co.uk

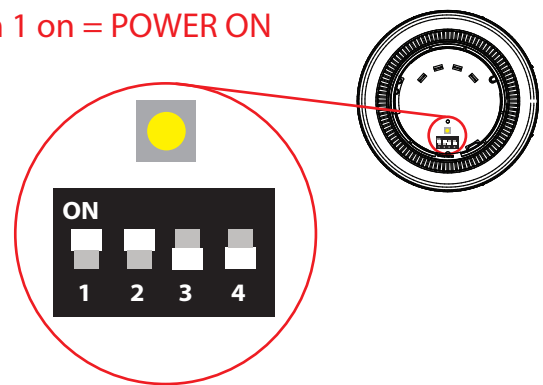
Step 2 Power up the devices:

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



Combined sounder detectors are powered by changing the orientation of switch 1 as shown:

Switch 1 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 signal levels shown range from 100 - 0, with 100 being the highest signal and 0 being the lowest (*where no signal is being seen*). All signal levels are shown below:

100	Indicates GOOD SIGNAL LEVEL
90	Indicates GOOD SIGNAL LEVEL
80	Indicates GOOD SIGNAL LEVEL
70	Indicates GOOD SIGNAL LEVEL
60	Indicates GOOD SIGNAL LEVEL
50	Indicates GOOD SIGNAL LEVEL
40	Indicates MEDIUM SIGNAL LEVEL
30	Indicates LOW SIGNAL LEVEL
20	Indicates CAUTION SIGNAL LEVEL
10	Indicates CAUTION SIGNAL LEVEL
0	Indicates NO SIGNAL LEVEL RECEIVED



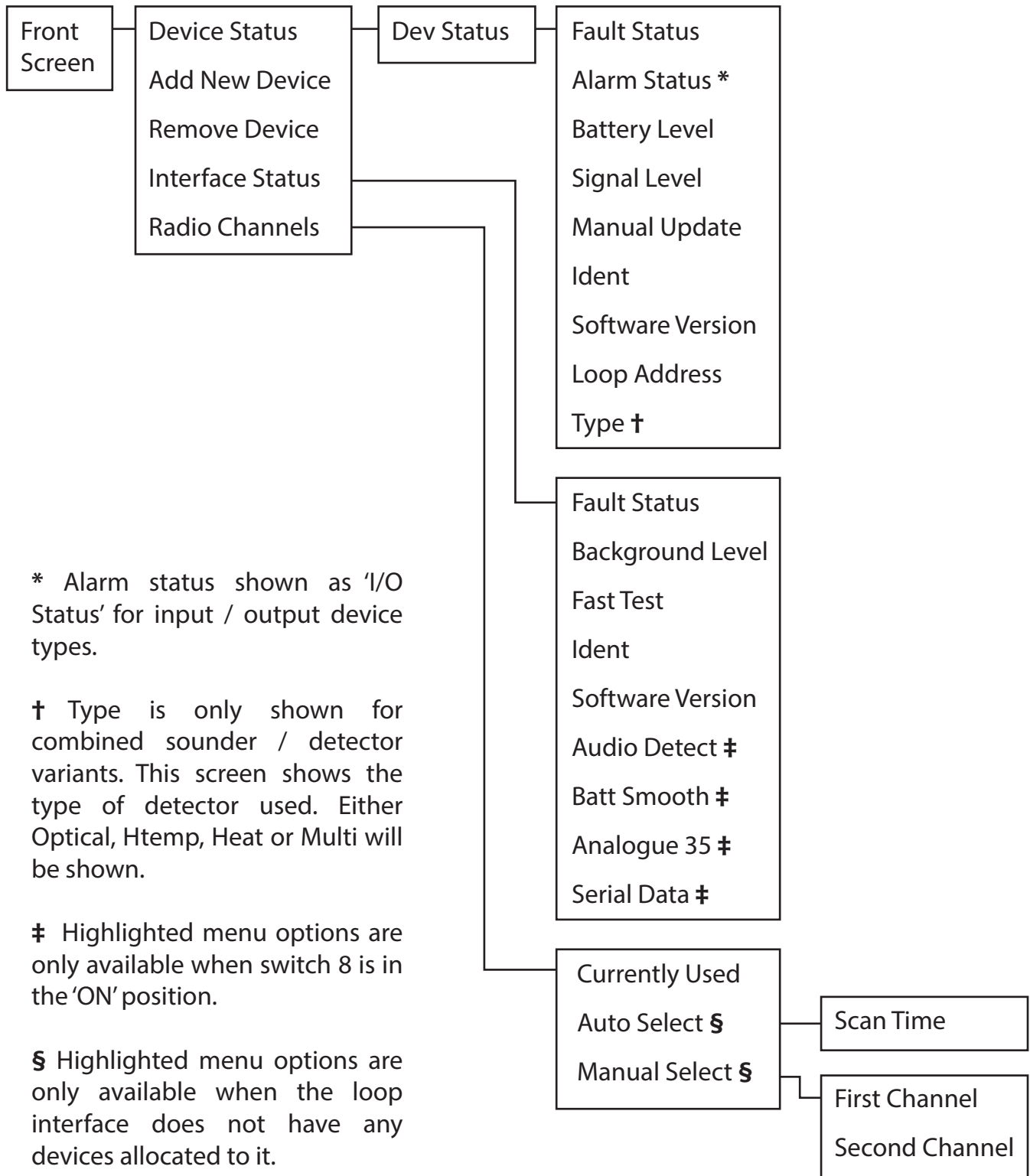
to exit.




Step 6 Test devices:

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

Analogue value	Dev 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 interface	Aerial tamper
7	All	Batteries low. Replacements req. within 30 days
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:



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