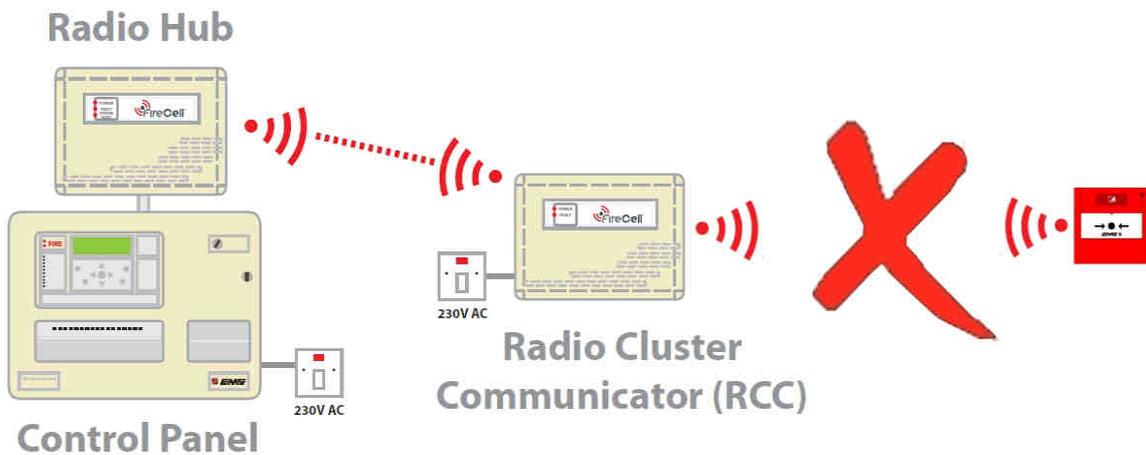


FireCell



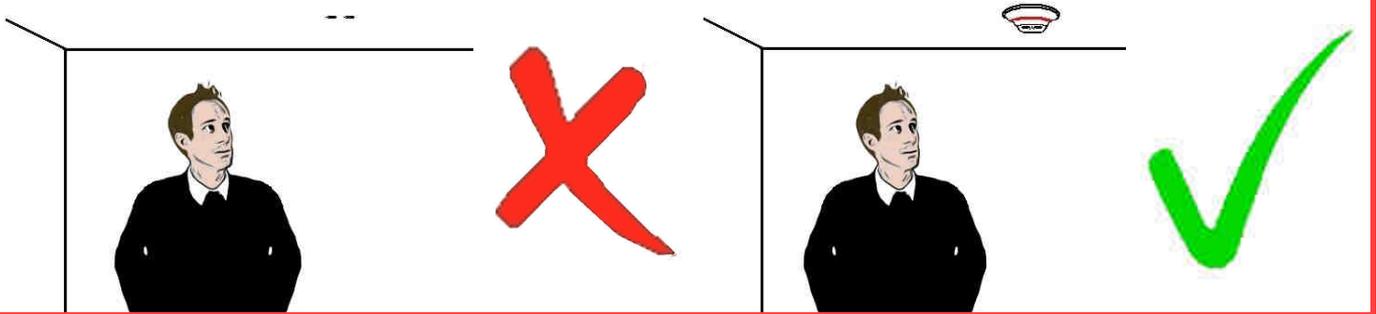
FIRECELL SYSTEM RADIO DIAGNOSTICS QUICK START GUIDE



How to resolve a device Disconnect Fault.

A device disconnect fault is shown on the Control Panel if the communication path between the individual device and its associated Radio Cluster Communicator is not present. The majority of device disconnect faults can be investigated and resolved by following these 10 simple steps: Note; more detailed manuals are available on our website www.emsgroup.co.uk

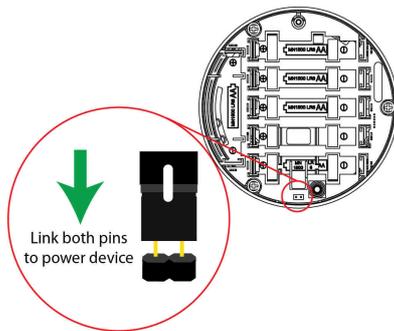
Step 1 Is the device still in its correct location?



Step 2 Is the device powered? Powering details are shown below:

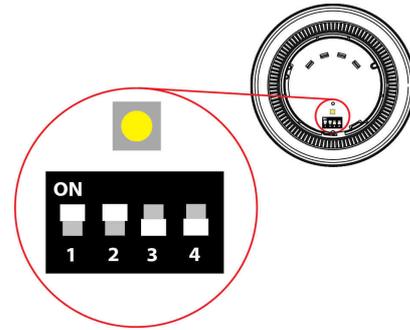
Detectors, Sounders, Callpoints and Input/Output Units have power jumpers as shown:-

(Link pins to power device)

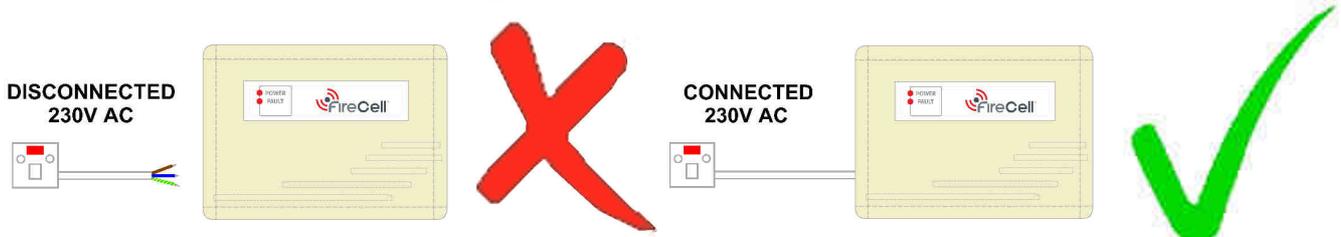


Combined Sounder Detectors are powered by changing the orientation of Switch 1 as shown:

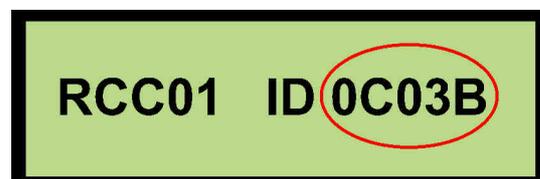
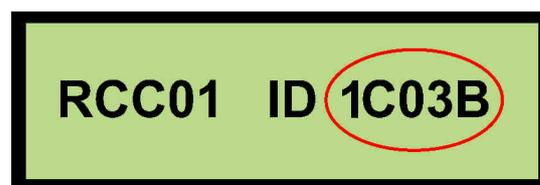
(Switch 1 On = Power ON)



Step 3 Is the associated Radio Cluster Communicator (RCC) powered? If it isn't all the devices reporting to the particular RCC will be disconnected.

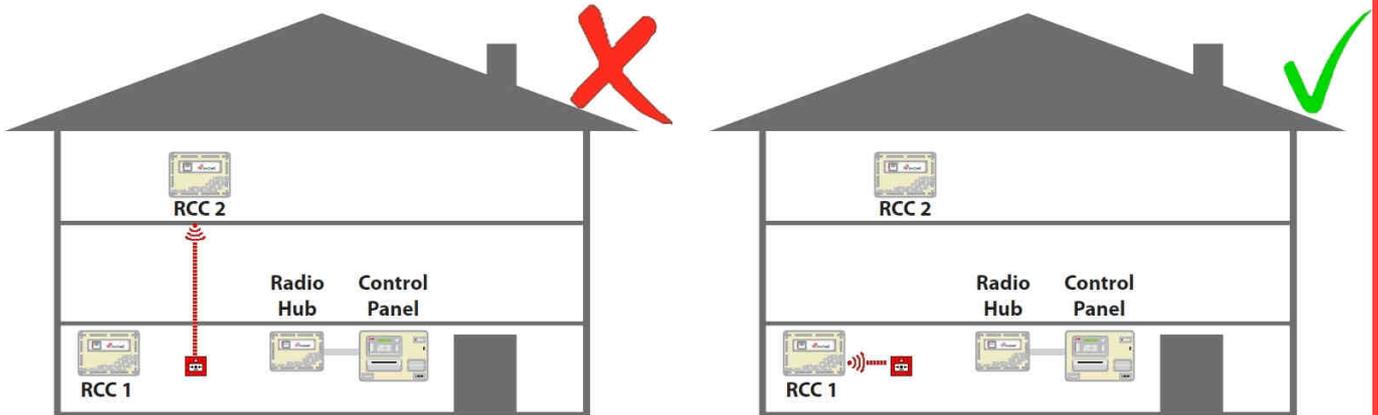


Step 4 Check the devices ident located on the side of the device under the barcode and cross reference it with the ident programmed into the Radio Hub?



Step 5

Is the device associated with the correct RCC?



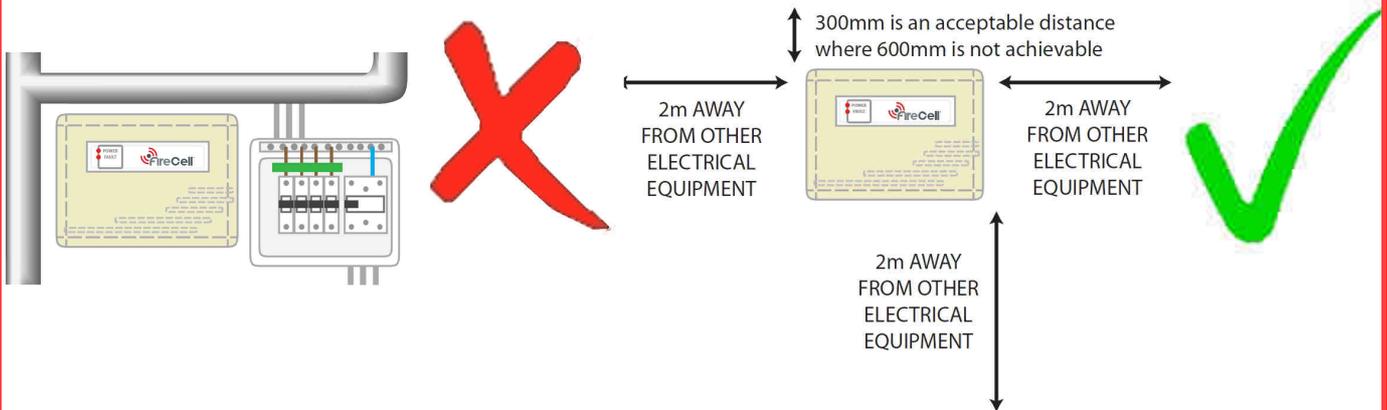
If not try moving the device to the correct/closest RCC. Details can be found within the FireCell Programming manual.

If there is no other RCC to add the device to; an additional RCC may be required or the device relocated to achieve a better signal.

Step 6

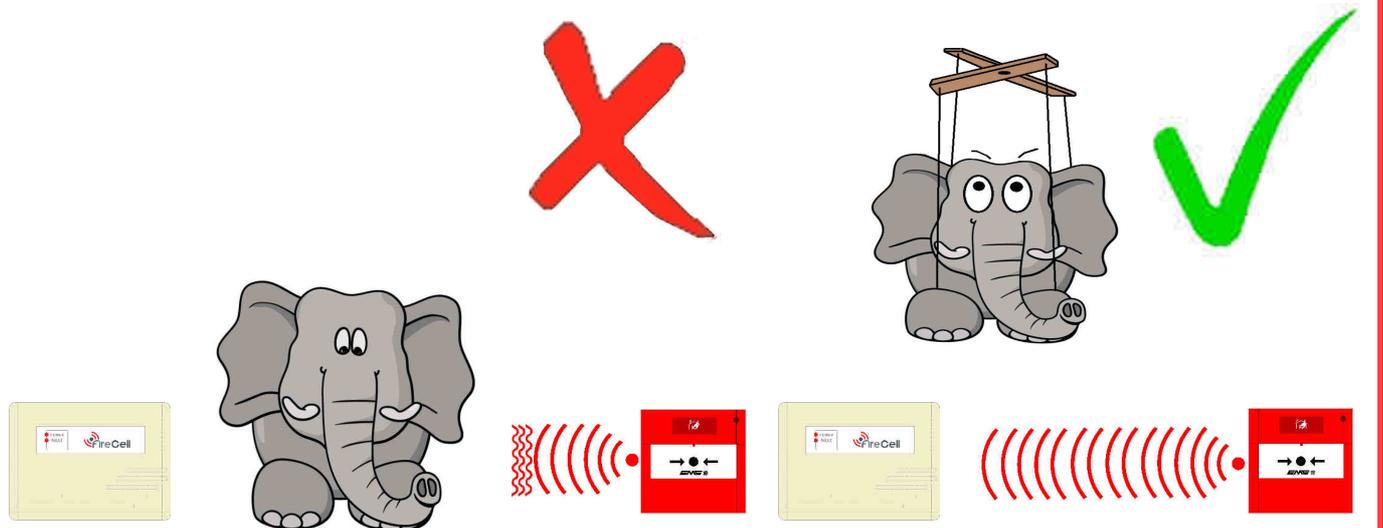
Is the RCC installed as per the survey and not surrounded by electrical equipment and metal?

The recommended distance between metal objects from the aerial is 600mm. The recommended distance to any other electrical equipment is 2 metres.



Step 7

Could anything be blocking the signal?



Step 8 Has a Radio Survey been carried out?



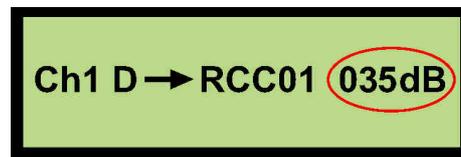
For details on booking a free radio survey, call EMS on 01227 369570.

Step 9 Check the devices signal strength

Whilst trying to improve radio communication, it is important that signal levels are checked to ensure they are adequate. The devices bi-directional signal information is displayed in the 'Signal level' menu, found in the Radio Hub:

Front Display **Device Status** Select Desired Device No **Signal Level**

Received signal levels should be a minimum of 30db.



Step 10 If you are still experiencing problems please call EMS technical support on 08712 710804.



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