

Node installation.

Before connecting the nodes to the UIB, the power supply must be disconnected.

Each node has two RJ45 sockets and can be connected to the User Interface Box (UIB) in one of two ways:-

1 Insert one Termination Plug into one of the sockets in the UIB and a cable into the second, the other end of the cable is then plugged into one of the sockets in the node. The second cable then links the two nodes together and the second Termination Plug is placed in the empty socket in the second Node (Figure 1).

Additional Nodes can be added as indicated by the dotted image.

2 Both cables can be connected to the UIB and then to each Node, with a Termination Plug in each node (Figure 2). Additional Nodes can be added as indicated.

The UIB and the Nodes must not be connected to form a complete “loop” (Figure 3), this will cause the system to malfunction.

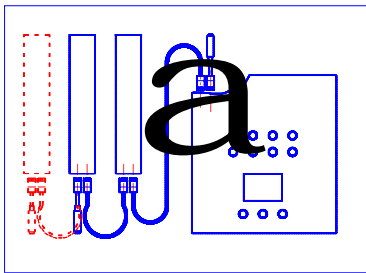


Figure 1

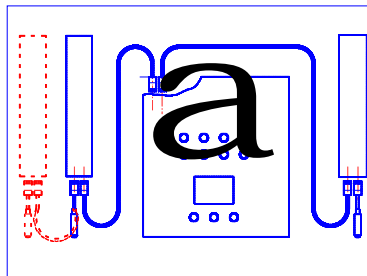


Figure 2

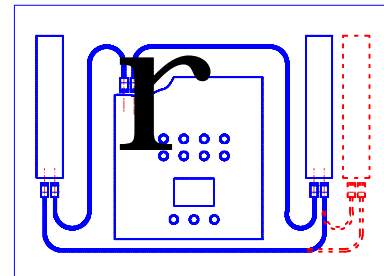


Figure 3

Each node is fitted with a multi-colour LED.

Node LED sequences:

- LED pulses orange when system is first started:
- *This happens while the UIB is searching for each of the nodes, as each node is found the light will be extinguished.*

- LED shows green and stays on:
- *This indicates that the UIB has failed to find that particular node. Switch off the power supply, check all the connections, and then switch the power back on.*

- LED flashes green at random intervals when system is operating:
- *This indicates that the UIB is polling around the system to make sure that all the nodes are still in communication with it.*

- LED does not come on at all:
- *This indicates that there is a problem with that node and it should be replaced.*