



## Technical Notes

### PSU.

An ENS approved PSU is required incorporating 12v DC with integral 6Ah battery backup. It is supplied in an industry standard IP rated white powder coated metal enclosure requiring a Fused, switched spur or equivalent. It contains no user serviceable parts but must be accessible, usually located in the central comms or mains distribution area.

- **Fused Switched Spur or equivalent**

### PullCord

A low voltage pullcord is available which should be sited in Bedroom Ensuites and communal Bath/WC's and is wired to the associated Nursecall point. Exact positions to be specified by the client or their representative. As the downward force exerted by the user on this switch can be substantial it is highly recommended that a suitable nogging, joist or similar substrate be deployed as a good and solid fixing.

- **Appropriate Nogging or Fixing**

### Fire Door Switch

The Fire Door call unit is installed in exactly the same way as the normal Nursecall Unit with the addition of a normally closed magnetic reed contact fitted to the door frame. The contact is wired back to the associated Fire door call unit. The contact can be either surface mounted or at the discretion of the client or their representative flush mounted, the fixing of the contact to be the domain of others.

- **Chasing for back box**
- **Fixing nogging**
- **Magnetic Door Contact**

### Local Hubs

To simplify the wiring of Clipper+, each area (floor, zone) of the site has a local hub which wiring loops back to. The Hubs are connected by a single CAT5 (or better) cable returning to a central Hub normally sited in the central comms or distribution area. Each Hub requires a 12vDC PSU which requires a Fused, switched spur or equivalent.

- **Fused Switched spur or equivalent**
- **Space for Surface Mounting Box 200mm x 160mm (each Hub)**

**For additional technical information please refer to the appropriate technical manual**