

Fire Telephone & Disabled Refuge

Emercall IP66 Type A Surface Outstation

Features:

- BS5839 Pt9:2003 compliant
- Compact design
- High volume ringer
- Status LED
- 20mm cable glands
- Telecoil for hearing impaired users
- Magnetic push catch
- Fully monitored
- IP66 or painted version available

The *Emercall* Emergency Voice Communication System is a fixed, secure, bi-directional, full duplex voice communication system to assist fire fighters in an emergency in high rise buildings or large sites where radio communications may not work, and covers the operation of both fire telephones and disabled refuge systems. Where both systems are fitted to a building BS5839 Part 9:2003 specifies these should form a single system.

The *Emercall* EVCS comprises of three functional blocks, the master handset (Emercall 2572/001), the eight line exchanges (Emercall 2572/002) and outstation handsets, with the quantities of these basic units being adjusted to suit the application.

SPECIFICATIONS

The **Emercall** IP66 are surface type A outstation handsets as defined by BS5839 pt9, and can be used as a fire telephone or disabled refuge call point.

When choosing the outstation handset type for use with an Emergency Voice Communication System we recommend reading Section 11 of BS5839 pt9:2003 which deals with outstation handset types and states as follows.

11.2.2.a Type A should be used for evacuation or fire fighting use, and type B unit should only be used where a type A is impractical.

11.2.2.b For disabled refuge type A or type B can be used, however in locations (section 11.6.2.i) type B outstation handsets can only be used where the background noise is below 40dBA (therefore there can be no sounder or voice alarm coverage in the area).

The **Emercall** outstation handsets are designed for use by multidisability users, having high contrast signage in line with RNIB guidelines and an induction loop coil (to BSEN60118-4) in the handset.

Physical

Height	300mm
Width	200mm
Depth	120mm
Weight	1400g
Material	Stainless steel or painted

Indication & Controls

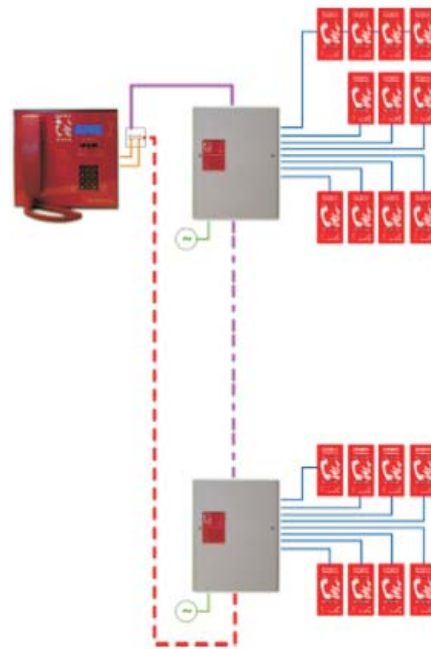
Status LEDs	1 off red (dim for line monitoring, flashes when ringing)
Call	Automatic "off hook" dialling

Outstation Handset Cables

Grade	Enhanced
Cable (per line)	1 off 2 core (twisted for MICC)
Distance (per leg)	500m soft skin types, 300m MICC twisted
Monitoring	DC open, short & earth

Standards Compliance

EMC	EN55103-1, EN55103-2
LVD	EN60950
Product family	BS5839-pt 9, BS5588-pt 8, EN60118-4



We recommend type A outstation handsets in all locations, otherwise you may have to consider acoustic hoods or two outstations in each location for compliance with the other associated standards and laws, including BS8300 and the DDA (Disabilities Discrimination Act)

Mounting the Outstation Handset

The outstation should be monitored at a height of either 1200mm from the floor, or on a 1400mm centre line to comply with the requirements of Building Regulations Document M (Access for the disabled). If the unit is to be used as a refuge point suitable space must be left to the side of the unit to allow a wheelchair to be parked for using the system.

