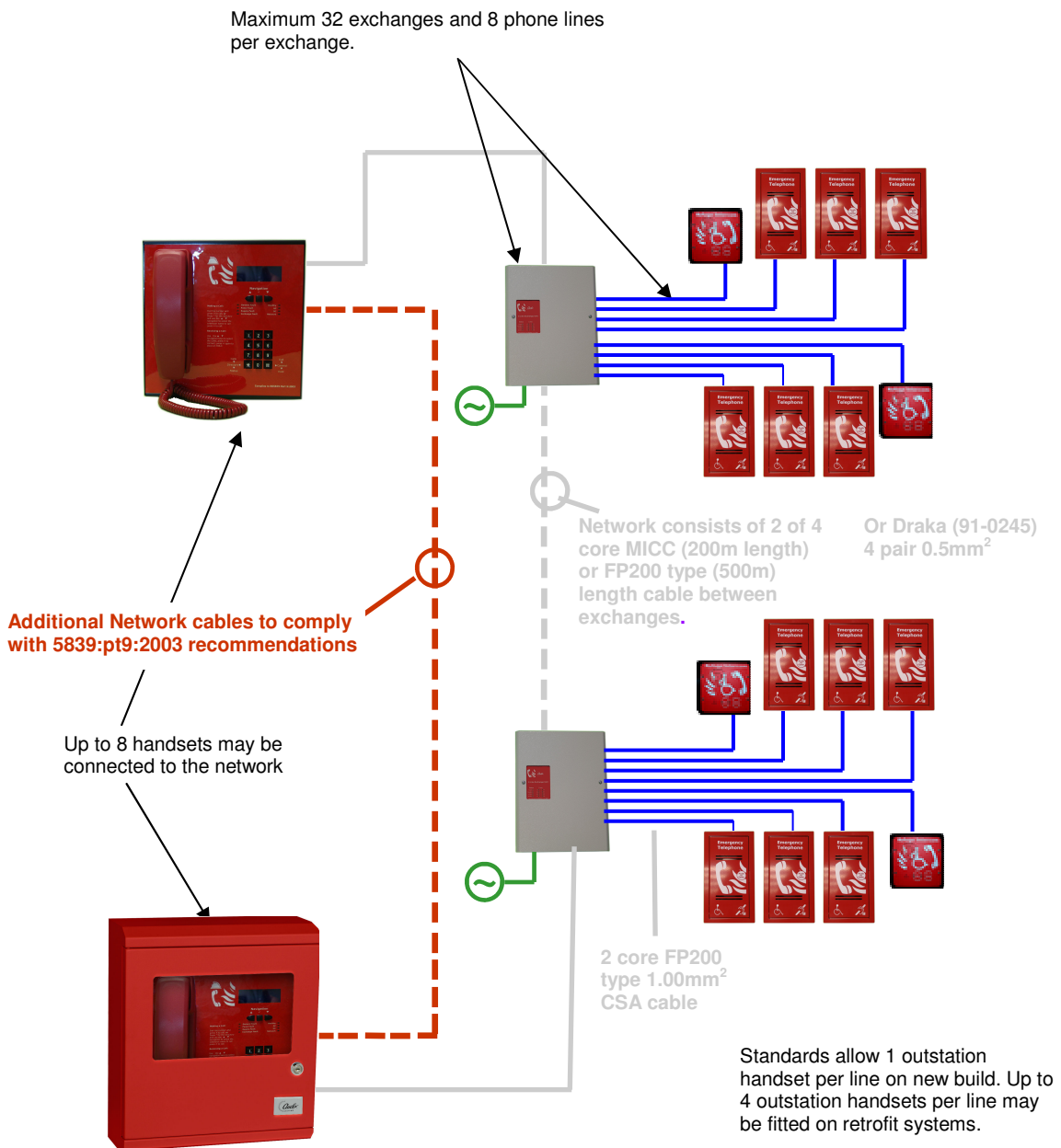


## EMERCALL

The EmerCall system totally meets the recommendations of BS5839 part 9: 2003 which specifies the operation of such systems. An Emergency Voice Communication System (EVCS) is defined as a fixed bi-directional full duplex secure communication system for use in emergencies, and covers the operation of both **fire telephone systems** and **disabled refuge systems**. **Where both systems are to be fitted in a building the Standard specifies they should form a single system.**

A disabled refuge is defined as a location for people who are mobility impaired who will impede the general egress from the building, or need assistance in leaving the building. This obviously includes wheelchair users who may have used the lift, but also covers the elderly, pregnant women over 6 month term, people with arthritis, in fact anyone who cannot walk 200 metres without a break.

The **EmerCall** EVCS comprises of three functional blocks, the master handset, the eight line exchanges and outstation handsets with the quantities of these basic units being adjusted to suit the application.



## EMERCALL



BS5839 Pt 9:2003 compliant monitored master handset. The stylish master console case is available as a desk, rack or wall mount option. The wall mount option is also available with semi flush bezels.

Large high contrast display (4 x 20 character) : 12 key quick dial keypad : full duplex system : up to eight masters per system : directory dial function : full system event log (fault and configuration) : controls up to 256 lines (32 **EmerCall** 2572002 exchanges) : 16 character unique name per line : dual Network ports : remote powered : wall, desk or rack mount : eight status LEDs : lockable door

Part Number	Description
2572020	EmerCall master handset - wall mount
2572021	Semi-flush bezel



BS5839 Pt 9:2003 compliant monitored master handset. Large high contrast display (4 x 20 character) : 12 key quick dial keypad : full duplex system : up to eight masters per system : directory dial function : full system event log (fault and configuration) : controls up to 256 lines (32 **EmerCall** 2572002 exchanges) : 16 character unique name per line : dual Network ports : remote powered : wall, desk or rack mount : eight status LEDs

Part Number	Description
2572001	EmerCall master handset - desk mount
2572007	Rack mount kit



BS5839 Pt 9:2003 compliant 8 line exchange unit. Controls up to 8 independent lines : mains powered : built in monitored 1A charger for 12V 3.4 Ah battery : full duplex audio : up to 32 exchanges per system : full line monitoring : serial port for configuration or updates : dry contact for fault or "in use" indication : dual network ports : provides remote power for **EmerCall** Master Handset 2572001 : twelve status LEDs : compact design for riser mounting

Part Number	Description
2572002	EmerCall 8 line exchange

### SUPPORTING DOCUMENTATION

	Generic Sales & Case Studies	Data Sheets	Specification & Compliance Statements	Product Applications & Design Guides	Installation Manuals & Installer Notes	Commissioning Manuals	Programming Instructions	End User Instructions
EmerCall	✓	✓	✓	✓	✓	✓	✓	✓

## EMERCALL

### SPECIFICATION

The **EmerCall** Emergency Voice Communication System (EVCS) has been designed to comply fully with the recommendations of BS5839 part 9:2003 (The Standard) which specifies the operation of such systems.

An EVCS is defined as a fixed bi-directional full duplex secure voice communication system for use in emergencies, and covers the operation of both fire telephone systems and disabled refuge systems. Where both systems are to be fitted to a building The Standard specifies these should form a single system.

An **EmerCall** EVCS comprises of three system building blocks; control handsets (both main and repeater types), 8 way exchanges, and Type A outstation handsets as defined by The Standard.

**Control handsets** are supplied in multifunction steel and aluminium enclosures, which can be wall, desk or rack mounted, and contain the following items:

- Monitored phone handset
- A 4 line 20-character LCD display for displaying calls, faults and status
- 12 key keypad for dialling
- 3 menu keys for menu navigation
- 4 Indicator LEDs (General Fault, Supply Fault, CPU Fault and Supply Healthy)
- 2 network interfaces with supply extraction

The **Exchange unit** is a compact wall mount enclosure, which links the outstations to the control handsets and contains the following:

- AC mains supply with a 1.5A monitored maintained battery charger
- 8 telephone line interfaces
- Connection matrix
- Fault relay output (either Local Fault or General Fault)
- 2 Network interfaces with supply addition
- Line Fault Indication (8 LEDs, per line)
- Supply status (3 LEDs, AC Present, DC Present, Supply Fault)
- General fault LED

Outstation handsets are supplied as type A as defined by The Standard and the choice of outstation handsets should be made in line with the guidelines of The Standard.

**Type A Outstation Handset** comprises a steel enclosure, which is either flush mounted or surface mounted (separate cases are provided for each type) and has the following features:

- Monitored phone handset
- Telecoil in handset
- High volume ringer
- Optional lock
- Optional strobe (requires additional supply and cables)

**Type B Outstation Access Point** comprises a steel enclosure which is either flush or surface mounted. It provides secure bi-directional full duplex voice communication with the following main features:

- BS5839 pt 9:2003 compliant
- Hands free operation
- High volume ringer
- Braille signage
- Duplex speech
- Red or green front

## EMERCALL OUTSTATIONS



The **EmerCall** type B outstation as defined by BS5839 pt9, and can be used in a disabled refuge call point. Can only be used as a fire telephone when it is impractical to use a type A outstation.

BS5839 Pt 9:2003 compliant : hands free operation : compact design : high volume ringer : flashing status LED : braille signage : duplex speech : 20mm cable glands : fully monitored : red front, green option available.

Part Number	Description
2572009	EmerCall type B outstation
2572016	Stainless steel flush bezel
2572017	Mini induction loop



The **EmerCall** type A flush outstation handsets as defined by BS5839 pt9 can be used as a fire telephone or disabled refuge call point.

BS5839 Pt 9:2003 compliant : compact design : high volume ringer : Status LED : 20mm cable glands : telecoil for hearing impaired users : magnetic push catch or locking door : fully monitored : stainless steel option

Part Number	Description
2572003	EmerCall type A Flush outstation handset with push door
2572004	EmerCall type A Flush outstation handset with locking door
2572013	EmerCall type A Flush outstation handset with push door, stainless steel

Part Number	Description
2572005	EmerCall type A Surface outstation handset with locking door
2572006	EmerCall type A Surface outstation handset with push door
2572014	EmerCall type A Surface outstation handset with locking door, stainless steel



The **EmerCall** IP66 type A surface outstation handsets as defined by BS5839 pt9 can be used as a fire telephone or disabled refuge call point. For external use.

BS5839 Pt 9:2003 compliant : compact design : high volume ringer : status LED : 20mm cable glands : telecoil for hearing impaired users : magnetic push catch or locking door : fully monitored: stainless steel option

Part Number	Description
2572010	IP66 Type A Surface outstation
2572015	IP66 Type A Surface outstation, stainless steel



The Roaming Phone is used along with the Jack Plate (2572012) in the EVCS system. Multiple jack plates can be connected in parallel on a run such as a stair core. Calls are initiated when the roaming phone is plugged into the jack point.

Part Number	Description
2572011	Roaming phone handset.



High quality single gang low noise stainless steel telephone jack : printed with red ISO fire telephone symbol

Part Number	Description
2572012	Stainless steel jack plate for roaming handset