



# Emergency Voice Communication (EVC) & Disabled Refuge



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Designed for:

- Management of initial evacuation
- Fire Services use during evacuation
- Fire Services use after evacuation
- Disabled people in refuges
- Other non-emergency purposes
- Complies with BS5839 Part 9
- Complies with BS5588 Parts 5, 8, 10, 11 and 12



## EVC & Disabled Refuge Intercom

Commend Emergency Communication systems have been specifically configured to meet the requirements of all evacuation phases and emergency communication needs. Extremely high speech quality provides perfect voice communications in the loudest of situations.

The very high system flexibility and modular design makes it simple for the designer to incorporate options that are not necessarily demanded by the Standard but are nonetheless required by specifiers and end users.

Systems can be configured to meet the requirements and interpretations of individual users ensuring the optimum in system design for each application.

- Master Stations available in several formats to suit available space and aesthetics.
- Both Type A and Type B Outstations can be mixed on one system.
- Radial cable structure for maximum possible reliability.
- Hardware, Software and Cables monitored for faults.
- Acoustic monitoring of loudspeaker and microphones.
- "Loudspeak" & "Listen" facilities as standard.
- Connections for suitable Induction Loop Amplifiers to satisfy DDA requirements.
- MICC or FP Plus cable.



 **Complus Teltronic**  
Integrated Intercom Solutions



## Master Stations

### EE380CS

#### Master Station

This desktop mounting Master Station is ideal for handling up to 48 Outstations. It provides individual buttons and multi-colour LEDs for each Outstation giving the User an immediate overview of the entire system at a single glance. It is also available in a stainless steel, flush or wall mounting versions. Additional master stations of any type can be added as required, working as repeaters or for zoned systems.



### MF199DR

#### Master Station

A stainless steel, flush mounting master station, ideal for both large and small systems where space is at an absolute premium. An unlimited number of Outstations can be connected to this Master Station. The 8-row, 14-character alpha-numeric display provides all the necessary system information. This context-sensitive display provides a full Outstation index and can be scrolled to view and select any current calls and statuses, fault indications etc. The MS199DR is a surface mounting version. Additional Master Stations of any type can be added as required.



### MFCOMDR

#### Master Station

This is a Graphic User Interface (GUI) software package ideal for very large systems. An unlimited number of Outstations can be connected to this Master Station. It provides individual multi-coloured button icons for each Outstation giving the User an immediate overview of the entire system at a single glance. Full event logging is provided, designed to run on a PC or any computer that meets the requirements of the standard.



## Outstations

### SS403D

#### Outstation (Type 'A')

This is a 4-wire, digital, high visibility red telephone type unit available in both surface and flush (SF403D) mounting formats. Both the microphone and loudspeaker are acoustically monitored with a fault being raised at the Master Station. Magnetic door locks ensure operation only when activated by the Fire Alarm or authorized personnel. Lifting the handset sets up a call to the Master Station. "Loudspeak" and "Listen" facilities are included as standard. A visual call indicator and tamper alarm are available as options.



### SF401D

#### Outstation (Type 'B')

This is a 2-wire, digital high visibility red stainless steel, handsfree intercom type unit and is available in both flush and surface (SS401D) mounting formats. High quality, full-duplex speech is possible in areas with up to 70dB of ambient noise. Both the microphone and loudspeaker are acoustically monitored with a fault being raised at the Master Station. It is possible for the unit to be operational only when activated by the Fire Alarm or authorised personnel. Pressing the call button sets up a call to the Master Station. "Loudspeak" and "Listen" facilities are available as standard. A visual call indicator and tamper alarm are available as options. This is also suitable for use by disabled people in a refuge.



# Slave Stations

## SF101D

### Slave Station

This is a 2-wire digital stainless steel single button sub-station suitable for flush or surface (SS101D) mounting. The unit features full duplex, high quality speech and cable fault monitoring. If required, the loudspeaker and microphone can be acoustically monitored for failure. This is also suitable for disabled refuge systems that do not have to comply with BS5839 part 9.



# Centrals

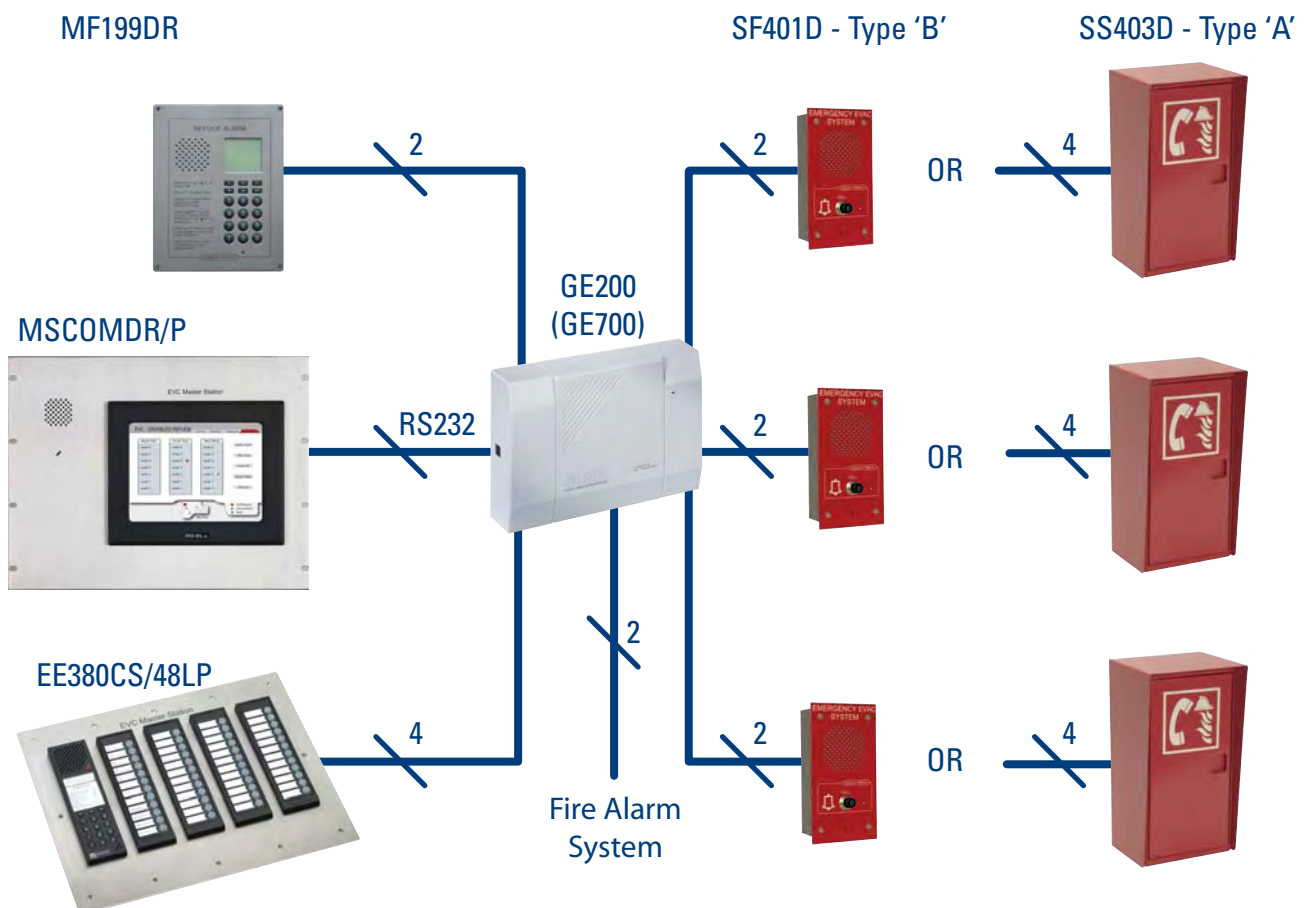
## GE700/200

### Centrals

A choice of two modular Central units are available. The GE200 has a capacity of up to 32 Masters and Outstations in any combination, while the GE700 is unlimited. Each Master and Outstation is cabled to the Central Unit with either two or 4 wires of FP Plus or similar to comply with BS5839:2002 Pt 1. Considerable software flexibility ensures the precise operation required can be achieved by using standard, production equipment. Both the GE700 and GE200 are suitable for 19" rack mounting while the GE200 can also be wall mounted. For larger projects and those with numerous Sub-Master and main Master Stations, the Central Units can be networked over IP, copper or fibre optic cables.



# Typical EVC and Disabled Refuge Connection Overview



# COMPLUS TELTRONIC LTD.

## PROVIDING INTEGRATED INTERCOM SOLUTIONS TO THE UK AND IRELAND

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