

Network 8 Master Handset

Wall Mounted

The Emergency Voice Communications System (EVCS) is for use as a Fire Telephone system, Disabled Refuge Call system or as a combined system when both Fire Telephones and Disabled Refuge Points are required.

EVCS Network 8 is a system for larger installations. Its distributed loop architecture provides a competitive system for systems from 8 to 256 communication points as well as multiple control locations.

Designed to comply with BS5839 Part 9 2011 the EVCS is a fixed, secure, bi-directional fully-duplex voice communication system, to assist fire fighters within high rise buildings or large sites where radio communication may not be possible. Where both a fire telephone and disabled refuge system are fitted to a building BS5839 Part 9 specifies these should form a single system.

TYPICAL NETWORK 8 EMERGENCY VOICE COMMUNICATION SYSTEM

The Master Handset operates as a system exchange from which calls from individual outstations may be answered or dialled direct using its reference number or selected from a calling directory stored in the unit.



TECHNICAL SPECIFICATION	
Dimensions:	
Height	300 mm
Width	350 mm
Depth	90 mm
Weight	6.5Kg

EVCS MASTER HANDSET

Control of EVCS is simplicity itself, the master handset has a clear, four line backlit display which shows the calling outstation name in plain text. Calls can be made to outstations by either dialling the number of the unit, or choosing the name from a text dialling directory, with conference calling possible.

KEY FEATURES

- Multiple handsets with up to 8 distributed throughout the system
- Up to 160 outstations via 20 Network Exchange units with V4.21 software
- Up to 256 outstations via 32 Network Exchange units with V5.0 software
- 4 line x 20 character backlit display
- Outstation text information held in handset directory
- May be used as combined or separate Disabled Refuge and Fire Telephone System
- Global configuration from Master Handset
- All Call feature allows easy testing and commissioning
- Remotely powered from network exchange unit
- Full duplex communications with Outstations
- Connects to Disabled Refuge, Fire Telephone and Emergency Assist Alarm devices

INDICATION AND CONTROLS

Fault LEDs	4 off yellow (General, Panel, Supply & Exchange)
Status LEDs	4 off green (Healthy, AC, DC & Network)
LCD High Contrast	Blue/White LCD, four line twenty-character 5x8 pixel format
Keyboard	12 Key Telephone Style
Navigation	3 Keys (Left, Accept, Right)
Material	Zintec, Texture Powder Coated, RAL7032

NETWORK CABLES

Type	Fire rated (some installations require enhanced cabling)
Cores	1 off four Pair or 2 off four core 1mm CSA Soft Skin or 4 off 1 Pair MICC Twisted
Distance	500M soft skin, 300M MICC
Monitoring	Data and Phantom Voltage

STANDARDS COMPLIANCE

EMC	EN55103-1, EN55103-2
Standards	BS5839-pt9, BS9999

ELECTRICAL SPECIFICATION

Power Supply:	
Source	Network Port x 2
Voltage	11V to 18V DC
Current	88mA @ 12V

PROCESSING

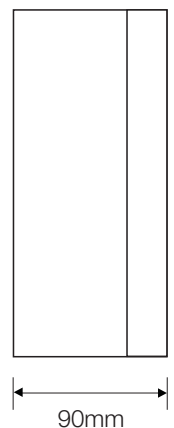
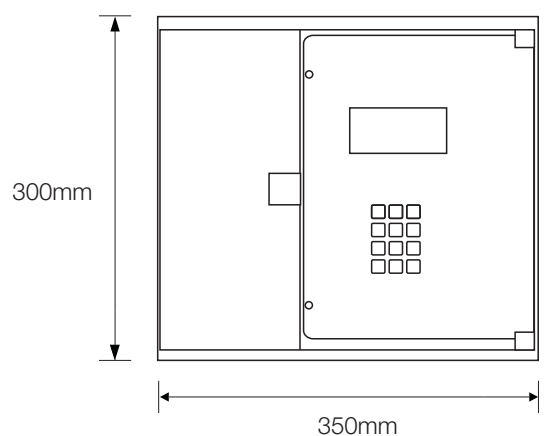
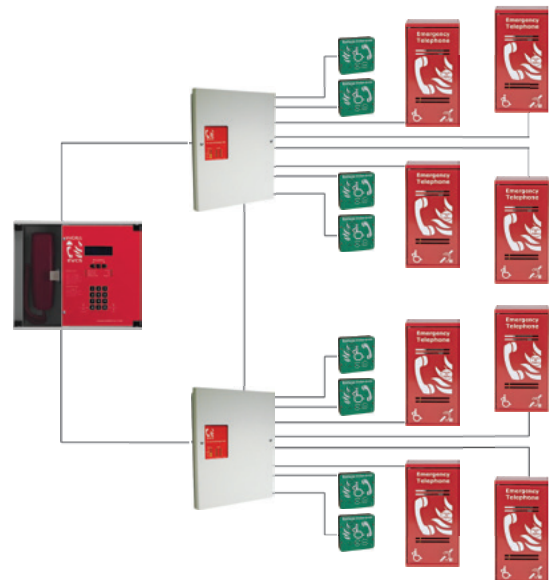
Clock	16MHz
Memory	4K Ram 20K EEPROM 128K Flash
Monitoring	Asynchronous Watchdog
Checksum	EEPROM & Flash

ORDER CODES

Model:	Description:
EVCS-MSWM	Master Handset (Wall)

SYSTEM COMPONENTS

EVCS-XC	8 Way Exchange Unit/Charger, including 1 x 5Ah 12V battery
EVCS-HFP	Flush Outstation Push Door, Type A
EVCS-HSP	Surface Station Push Door, Type A
EVCS-HSB	Surface Outstation Type B, Red
EVCS-HSBG	Surface Outstation Type B, Green
EVCS-HSFSS	Surface Outstation Type B, Stainless Steel
VCFHB	Flush Mounting Bezel Type B, Stainless Steel
EVCS-HLJ	Loose Handset With Jack Lead
EVCS-WJP	Wall Jack Outlet Point
EVCS-TA	Emergency Assist Alarm Network Version – PSU not included



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