

# EVCS Compact

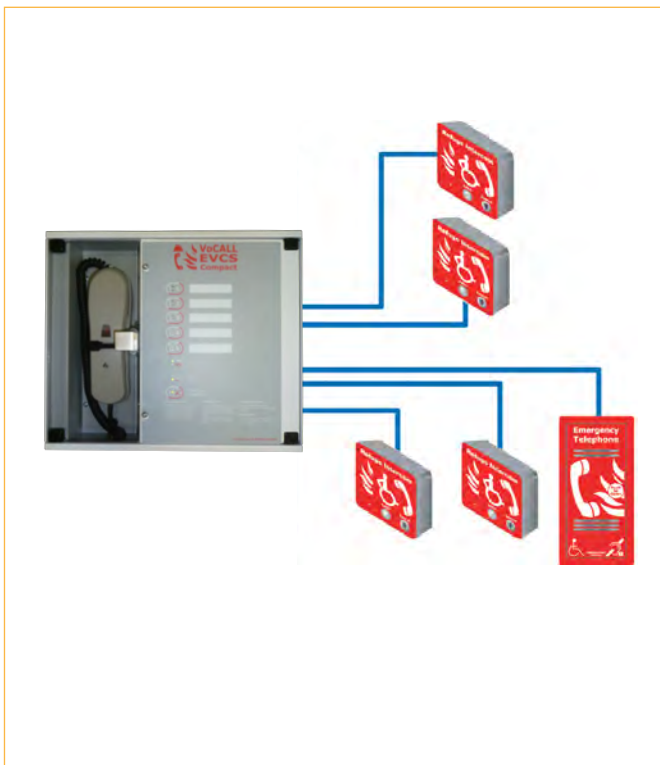
## MAIN PROPERTIES

- Monitored Handset
- Fully monitored supply and charger
- Up-to five outstations per system
- 5 Line Keys, one fault Silence
- Fifteen Status LEDs
- Full Duplex System
- No Programming required
- Wall mount case
- BS5839 pt 9 2003 Compliant

The VoCALL Compact Emergency Voice Communications System (EVCS) is designed to fully comply with BS5839-Part 9:2003 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.

An EVCS 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 communication may not work, and covers the operation of both fire telephones and disabled refuge systems. Where both systems are fitted to a building pt9 specifies these should form a single system.

## FREQUENCY RESPONSE DIAGRAM



## Fire Telephone VCC5



FIRE MAN'S TELEPHONE - TELEPHONE

A VoCALL Compact EVCS comprises of the master handset and up-to five outstations, (type A, type B or Jack points) as required.

The VCC5 Compact is ideal for small public building which are required to install an EVCS, but which have only 2 or three locations, leaving room for expansion.

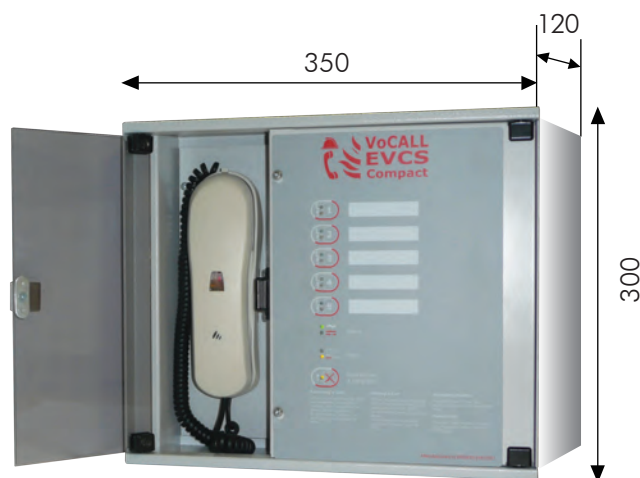
The VCC5 Compact is self contained and houses the battery charger and power supply, and can be surface or semi-flush mounted as standard.

The case is made from powder coated Zintec and is fitted with 20mm cable knockouts for all cables needed, and also provides space for the system backup 12V SLA battery.

The unit is processor controlled, but requires no programming on site, the panel is fitted with end of lines which are disguised when an outstation is connected.

## TECHNICAL SPECIFICATION

### VCC5



Type

#### Mounting the Unit

Before mounting the unit on the wall it is advisable to remove the cable knockouts. Decide how the wiring will be brought into the panel and remove the required knockouts for cable entry. If a knockout is removed fill the hole with a good quality cable gland. The Master handset weighs 6Kgs with batteries, so care should be taken to securely mount the unit on stud walling.

#### Technical Specification

	VCC5
<b>Power Supply and Charger</b>	
AC input	230VAC +/- 10% 50/60Hz
Internal power supply	14VDC
Supply & battery	Monitored Open, Short, Fuses
Protection	Deep discharge, Short, Thermal
Temperature compensation	YES
Battery size and type	1 x 12V 4.2Ahr
Mains fuse	240V 2A HRC
Battery fuse	1A PTC
Max Charge current	250mA
<b>Inputs</b>	
Number of lines	5
Remote enable	Short to use
End of line	10KΩ
<b>Outputs</b>	
Number	2, Fault & In use
Type	Volt free relay
Contact	30V DC 1A
<b>Controls</b>	
Buttons	6, five lines 1 fault ack
Zone LEDs	5 status / 5 Fault status
Fault LEDs	3, AC, DC General
<b>Outstation Cables</b>	
Type	Enhanced
Cores	2 core 1mm or 1.5mm
Distance	500m
<b>Dimensions</b>	
Height	300mm
Width	350mm
Depth	120mm
Weight	6.5Kg