

VoCALL Compact 9 Line Master and 10 Line Slave Exchange Unit

from Eaton's fire systems business



The VoCALL Compact 9 Line Master Unit is ideal for small to medium sized installations which don't require the complexity of a full network solution.

This system comprises of the 9 Line Master Unit controlling up to 9 outstations (Type A, Type B, Emergency Assist Alarms or, in Far East and Middle East applications, jack plates). By using the 10 Line Slave Exchange Unit this system can be easily expanded to 19 lines.

This self contained enclosure houses a master handset, 9 Line Exchange, power supply and battery charger. It can be surface or semi-flush mounted as standard. The case is made from powder coated zintec, with a smoked perspex door covering the handset. 20mm cable knockouts are provided for all necessary cables as well as space for the backup 12V VRSLA battery.

The unit is microprocessor controlled, with simple menus, including a call log, fault log and change log, all accessible from the front panel navigation keys.

The 10 line Slave Exchange Unit adds 10 additional lines giving a total of 19 lines. Supplied in a wall mount box with power and fault LED indications.

Features & Benefits

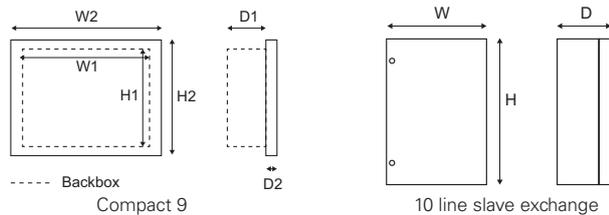
- BS5839 Pt9:2011 compliant
- EN54 Pt4:A2 power supply and charger
- 4 navigation keys
- 6 status LEDs
- 4 line, 20 character LCD
- Full duplex system
- Simple menu programming
- Wall mount case
- By using the 10 Line Slave Exchange Unit the 9 line master unit can be expanded up to 19 lines
- In addition to Type A and Type B outstations, the Compact 9 Line Master Unit can also monitor Emergency Assist Alarms
- Only one 4 core fire rated cable* is required to connect the slave to the master

* Some installations will require enhanced cabling, see wiring guide for details.

Relevant Standards

Standard	Certificate Number
EN54	EN54 Pt4:A2 power supply and charger
EMC	EN55103-1 & EN55103-2
LVD	EN60950
Product Family	BS5839 Pt9 & BS9999

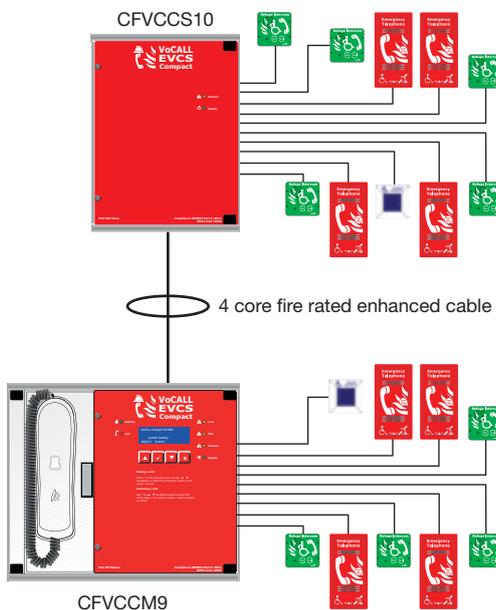
Dimensions



Compact 9 dimensions	H1 (mm)	H2 (mm)	W1 (mm)	W2 (mm)	D1 (mm)	D2 (mm)
Backbox	330	-	300	-	78	-
Semi recessed (front)	-	330	-	350	-	25

10 line slave exchange dimensions	H (mm)	W (mm)	D (mm)
Slave unit (surface mount)	330	221	102

Typical application schematic



Technical Specification

Product Description	VoCALL Compact 9 Line Master Unit	VoCALL 10 Line Slave Exchange Unit
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Power Supply		
Voltage	230V ac +/- 10% 50/60Hz	
Supply and battery	Monitored, open, short, fuses	
Protection	Deep discharge, short, thermal	
Battery size and type	1 x 12V SLA 5Ah	
Mains fuse	240V 125mA HRC	
Battery fuse	500A PTC	
Charge current	220mA	

Inputs		
Number of lines	9	10
Remote enable	Short to use	N/A
Line voltage	24V dc +/- 3	

Outputs		
Number	2 (fault & in-use)	N/A
Type	Volt free relay	N/A
Contact	30V dc 1A	N/A

Controls		
Buttons	4 navigation keys	N/A
Display	4 lines, 20 characters	N/A
Status LEDs	3 (healthy, call & supply)	1 supply
Fault LEDs	3 (line, PSU & general)	1 general

Outstation Cables	
Type	Fire rated (some installations will require enhanced cabling, see wiring guide for details).
Cores	2 Core (1mm or 1.5mm) Fire rated enhanced (standard fire rated cable can be used in certain circumstances - see VoCALL wiring guide).
Distance	500m

Network Cables (for use with the 10 line slave unit)	
Type	Fire rated (some installations will require enhanced cabling, see wiring guide for details).
Cores	1 off 4 core (1mm CSA Soft Skin)
Distance	10m (max) must be within fire barrier for compliance with current standards

Physical		
Construction	Powder Coated Zintec	
Weight	6.5kg	4.8kg

Installation		
Mounting	Surface or semi-recessed	Surface
Cutout	330mm x 300mm (semi-recessed unit)	N/A
Cable Entries	Top: 17 x Cable knockouts (20mm) Bottom: 1 x Cable knockout (20mm)	

Catalogue numbers

Description	Code
VoCALL Compact 9 Line Master Unit	CFVCCM9
VoCALL 10 Line Slave Exchange Unit	CFVCCS10