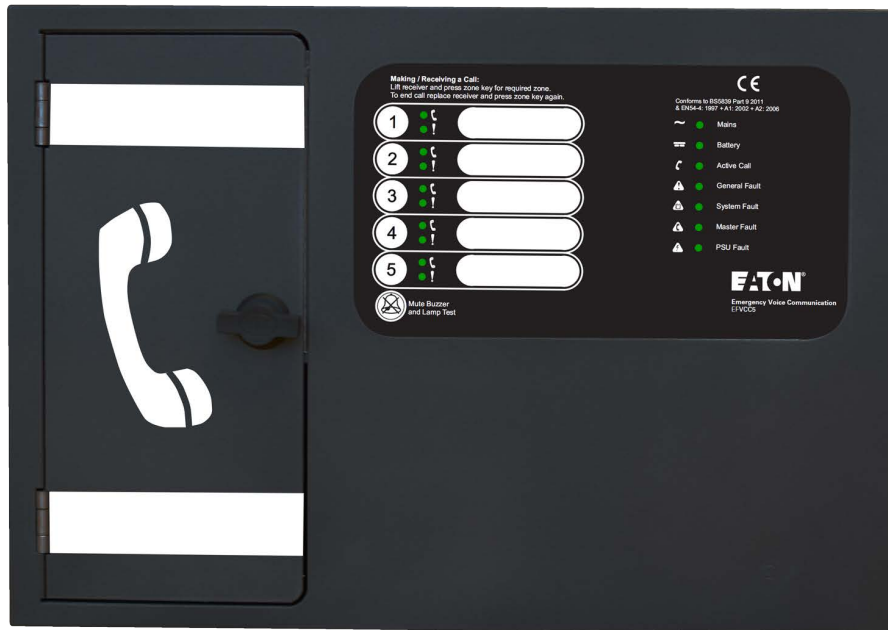# EFVCC5 - VoCALL compact 5 line

The VoCAll Compact 5 line unit (EFVCC5) is ideal for smaller installations which require up to 5 outstations or Emergency Assist Alarms.

This system comprises of the Compact 5 line unit controlling up to 5 outstations (Type A, Type B, Emergency Assist Alarms or in the Far East and Middle East applications jack plates).

The EFVCC5 is a standalone unit containing the systems master handset, EN54-4 approved power supply and connectivity for the 5 outstations. 20mm knockouts are provided for all system cabling and the housing is of ample size to support 2x 5Ah backup batteries.

The unit is microprocessor controlled, but requires no on site programming; it is fitted with end of line resistors which are simply discarded when an outstation is connected making installation quick and simple.

Features and benefits

- BS5839 part 9 compliant
- Monitored handset
- EN54-4 Approved PSU
- Controls up to 5 outstations
- 5 line keys, 1 fault accept
- 15 status LEDs
- Surface or semi-flush wall mount housing
- Relay outputs
- Simple cabling, outstations connect directly into the master using 2 core radial fire rated cables
- In addition to Type A and Type B outstations the VoCALL Compact 5 Line Master Exchange Unit can also monitor Emergency Assist Alarms
- No programming required. The panel is fitted with end of line resistors which are discarded when an outstation or Emergency Assist Alarm is connected

Technical specification

Code	EFVCC5
Product Description	VoCALL Compact 5 Line Unit
Power Supply	
Voltage	230V ac +/- 10% 50/60Hz
Internal Power Supply	24V dc
Supply and Battery	Monitored, open, short, fuses
Protection	Deep discharge, short, thermal
Battery Size and Type	2 x 12V VRSLA 5Ah
Mains Fuse	240V 2A HRC
Battery Fuse	1A PTC
Charge Current	250mA (max)
Inputs	
Number of Lines	5
Remote Enable	Short to use
End of Line	10kΩ
Outputs	
Number	2 (fault & in-use)
Type	Volt free relay
Contact	30V dc 1A
Controls	
Buttons	5 zone keys, 1 acknowledge
Zone LEDs (x5)	1 line status, 1 fault status
Supply LED	AC & DC
Fault LEDs	3 (CPU, supply & general)
Outstation Cables	
Type	Fire rated (some installations will require enhanced cabling, see wiring guide for details).
Cores	2 Core (1mm or 1.5mm)
Distance (max)	300m
Physical	
Weight	6.5kg
Installation	
Mounting	Surface or semi-recessed
Cutout	330mm x 300mm (semi-recessed unit)
Cable Entries	Top: 7 x Cable knockouts (20mm)

Standard	Certificate Number
EMC	EN55103-1 & EN55103-2
LVD	EN60950
Local	BS5839 Pt9
PSU	EN54-4

Dimensions
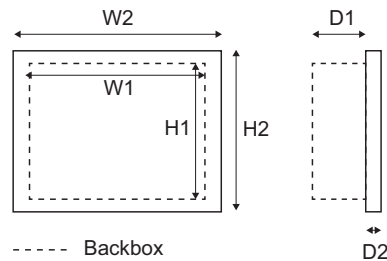
----- Backbox

Description	H1 (mm)	W1 (mm)	D1 (mm)	D2 (mm)
Backbox	280	397	77	-

Description	H2 (mm)	W2 (mm)	D1 (mm)	D2 (mm)
Flush Mounted	309	427	77	16

Typical application schematic
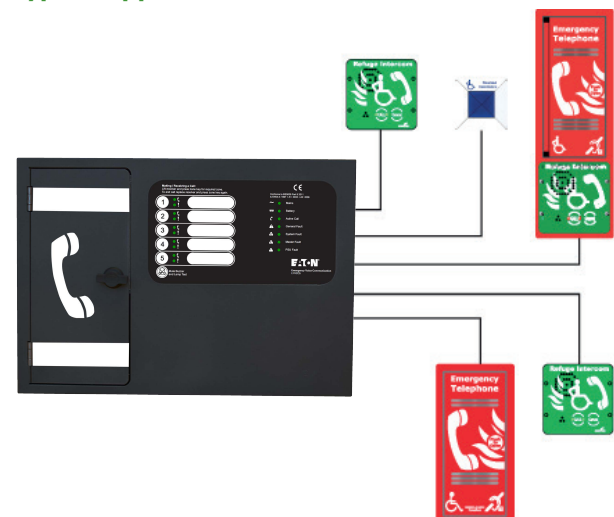
Catalogue numbers

Description	Code
VoCALL Compact 5 line unit - surface mount	EFVCC5
VoCALL Compact 5 line unit - flush mount	EFVCC5-FC