



Key Features

Fully compliant to BS5839-9:2011



Designed and manufactured in the UK



Integrated assist call



Expandable from 2 to 8 lines



Standalone with an option to *network



Overview

All Crisis Emergency Voice Communication Systems (EVCS) are designed to comply fully with the requirements of BS5839-9:2011 for use as a fire telephone system (FT), disabled refuge system (DRS) or as a combined system when both fire telephones and disabled refuge call points are required. An EVCS is a fixed, secure, bi-directional, full duplex voice communication system to assist fire fighters during emergencies in high rise buildings or large sites where radio communication cannot be guaranteed to work due to interference from the fire corona.

The Crisis EVC Master Station is ideal for small buildings which are required to have an EVC system, but which have a limited number of outstations. The Master Station can support up to eight lines of outstation, including type A fixed phones, type B refuge hands free points, emergency assist call point or jack points in Far East and Middle East applications. Lines auto identify by flashing red for emergency voice communication calls, blue for assist calls or flashing green for connected calls as detailed in BS5839-9:2011.

*Optionally, Crisis EVC Master Station has in-built networking allowing it to form one of the 64 panels on a Crisis EVC Network installation, or allowing a repeater using another Crisis EVC Master Station, where buildings have two points of control.

Self contained, the enclosure houses a master handset, one to four dual line cards, an EN54-4:A2 2006 PSU and can be surface or flush mounted (using the optional bezel). The case is made from powder coated zintec, with a smoked perspex door covering the handset. 20mm cable knock-outs are provided for all necessary cables as well as space for the one backup battery. The master station is microprocessor controlled, but requires no programming on site; the panel is fitted with end of line resistors which are simply moved to the end of line when an outstation is connected.

Tech Specs

Inputs

2 to 8 Outstation Lines (supplied as dual line cards)
Remote Enable: Short to use
End of Line Resistance: 10KΩ

Outputs

1 x VFCO Fault Relay, 30Vdc @ 1A
1 x VFCO 'In Use' Relay, 30Vdc @ 1A

Tech Specs

Standards	Compliant with: BS5839-9:2011, BS9999:2017, BS8300:2018 EMC: EN55103-1 and EN55103-2 LVD: EN60065
Controls	3 x Navigation buttons, 4.3" RGB touch-screen display, AC Power, DC Power, PSU, System and General Fault LED indication
Network	Enhanced (refer to BS5839-9:2011 for exceptions) *Cable Type: Data - 1 x 2-core 1.5mm Voice - 1 x 2-core 1.5mm Maximum Distance: 500m node to node *4-core cable must not be used for the network
Mains Voltage	230Vac +/- 10% 50/60Hz
System Voltage	5V, 16V, 27Vdc
Charge Current	400mA
Battery Capacity	1 x 12V 7Ah SLA (Max)
Weight	5kg (11.023lbs) Excluding Batteries
Dimensions (W x H x D)	350mm x 300mm x 95mm

Ordering Information

Part Number	Description
36-101	Crisis EVC Master Station, 2 Lines, Handset
36-102	Crisis EVC Master Station, 4 Lines, Handset
36-103	Crisis EVC Master Station, 8 Lines, Handset
36-100	Crisis EVC Repeater, Handset
36-101-SS	Crisis EVC Master Station, 2 Lines, Handset, Stainless Steel Fascia
36-102-SS	Crisis EVC Master Station, 4 Lines, Handset, Stainless Steel Fascia
36-103-SS	Crisis EVC Master Station, 8 Lines, Handset, Stainless Steel Fascia
36-100-SS	Crisis EVC Repeater, Handset, Stainless Steel Fascia