



Key Features

- Fully compliant to BS5839-9:2021 ✔

- Designed and manufactured in the UK ✔

- Integrated Assist Call with acknowledge meeting BS 8300-2:2018 ✔

- Expandable from 2 to 8 lines ✔

- Standalone with an option to network and monitor up to 512 lines ✔

Overview

All Crisis Emergency Voice Communication Systems (EVCS) are designed to comply fully with the requirements of BS 5839-9:2021 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 Assist Call Master Station can accept and display emergency assist alarm calls on combined networks. The unit can additionally accept up to eight lines of outstation, (Type A fixed phones, Type B refuge hands free points, emergency assist alarm point or jack points in Far East and Middle East applications) as required. The touch-screen layout has four buttons allowing quick access to the main functions, and permanently displaying the number of current calls, alarms and faults. Emergency assist alarm calls can be acknowledged by pressing the icon on screen (as required by BS8300) and will return to alarm if not reset within two minutes. Optionally, the Assist Call Master Station has in-built networking allowing it to form one of the 64 panels on a Crisis EVC Network installation, and a total of 512 outstations can be accommodated. Each panel can be set as a master station or network expander.

Self contained, the enclosure houses a 4.3" touch screen, 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, 20mm cable knock-outs are provided for all necessary cables as well as space for the single 12V SLA backup battery required. The master station is configured using a spreadsheet (excel and open office) and installed using the MMC card, this also holds the site logs. The whole site can be configured from any master station.

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: BS 5839-9: 2021, BS 9999:2017, BS 8300-2:2018 EMC: EN 55035:2017+A11:2020 EN 55032:2015+A1:2020 LVD: EN IEC62368-1:2020+A11:2020
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)	220mm x 300mm x 95mm

Ordering Information

Part Number	Description
36-202	Crisis EVC Assist Call Master Station, 8 Lines
36-202-SS	Crisis EVC Assist Call Master Station, 8 Lines, Stainless Steel Fascia