



EMERGENCY VOICE EVACUATION SYSTEMS (EVCS) FIRE TELEPHONE HANDSET TYPE A



TYPE A OUTSTATION
FIRE TELEPHONE HANDSET

DESCRIPTION

All Technoswitch Emergency Voice Communications Systems (EVCS) are designed to comply fully with the requirements of BS 5839-9 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 firefighters during emergencies in high-rise buildings or large sites where radio communication cannot be guaranteed to work due to interference from the fire corona.

BS 5839-9 covers the design, installation and operation of fire telephones and disabled refuge systems in buildings, and when both systems are fitted to a building, the standard specifies these should form a single system.

The rugged red telephone handset is housed in a signal red steel box with a high contrast white screen print on the push door.

The red bezel allows the outstation to be flushed into a wall reducing the need to stock flush and surface variants.

APPLICATION

The VS-EVS-OSA is a Type A Outstation as defined in BS 5839-9 and can be used as a fire telephone or a disabled refuge call point.

Technoswitch outstations are designed for use by multi-disability users, having high contrast signage in line with RNIB guidelines and an induction loop coil (to BS EN 60118-4) in the handset.

Type A Outstations are mainly for use by building management, fire wardens and firefighters. The units should be located as described in BS 9999 – these locations should have a low background noise, otherwise you may have to consider acoustic hoods.

FEATURES

- Compact Design
- Ruggedised Handset
- High Volume Ringer
- Status LED
- 20mm Cable Gland Knock-out
- Telecoil for Hearing Impaired Users
- Full-duplex Operation
- Magnetic Push Catch
- CR4 Steel
- Flush Bezel Available

APPROVALS

- Fully Compliant to BS 5839-9
- EMC: EN 55035, EN 55032
- LVD: EN IEC62368-1
- Product Family: BS 5839-9, BS 9999, EN 60118-4





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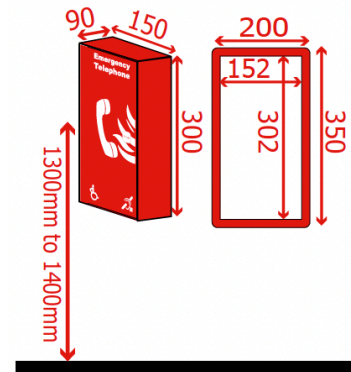
MOUNTING THE OUTSTATION

The outstation should be mounted at a height of 1,300 to 1,400 mm from the centre line of the outstation to the floor.

When flush mounting, a cut-out of 305 mm by 155 mm is recommended, the bezel slides over the box and is fixed on the wall using a suitable sealant or mastic.

If the outstation is to be used as a refuge point, suitable space must be allowed so the system can be used by a parked wheelchair.

MOUNTING



CONNECTIONS



SPECIFICATIONS

Physical	Panel	Bezel	Cut-out
Height	300 mm	350 mm	305 mm
Width	150 mm	200 mm	155 mm
Depth	95 mm	1 mm	85 mm
Weight	1,400 g		
Material	CR4 Steel		
Finish	Painted, Signal Red (RAL3001)		
Outstation Cables			
Type	PH120 Enhanced Fire Resistant Cable		
Cores	2-core 1.5 mm Screened		
Distance	500 m		

ORDERING INFORMATION

Product Code	Product Description
VS-EVS-OSA-R	Technoswitch Type A Fire Telephone Handset, Signal Red, Surface Mount
VS-EVS-OBZ-R	Flush mounting Red bezel for VS-EVS-OSA-R

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Document: DS VS-EVS-OSA-R 210810 E & OE