

Combined Type A and Type B Outstation

ViLX-OSC



All LexiComm Emergency Voice Communications 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.

- Compact design
- Ruggedised handset
- High volume ringer
- Status LED
- 20mm cable gland knock-out
- Telecoil for hearing impaired users
- Full duplex operation
- Fully compliant to BS 5839-9:2021
- Magnetic push catch
- Stainless steel as standard
- Flush bezel available

Overview

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 plasma.

BS 5839-9:2021 covers the design, installation and operation of fire telephones and disabled refuge systems in buildings, and where both systems are fitted to a building, the standard specifies these should form a single system.

The ViLX-OSC is a combined Type A and Type B EVCS outstation compatible with the LexiComm EVC and UnicornVoice PAVA systems.

The outstation is supplied in a brushed stainless finish with a Type B refuge panel on the front with a high contrast red screen print with a rugged red telephone handset behind the push door.

A stainless steel bezel is available to allow the outstation to be flushed into a wall reducing the need to stock flush and surface variants.

Suitability

The ViLX-OSC is a combined Type A and Type B outstation as defined in BS 5839-9:2021, and can be used as a fire telephone or a disabled refuge call point.

The LexiComm outstations are designed for use by multidisability users, having high contrast signage in line with RNIB guidelines and an induction loop coil in the handset (coil compliant to BS EN 60118-4:2015+A1:2018).

ViLX-OSC outstations are mainly used when the disabled refuge area is located within the fire fighting lift lobby, as described in BS 9999:2017 and Building Regulations Approved Document B, these locations should have a low background noise otherwise you may have to consider acoustic hoods.

Mounting the outstation

The outstation should be mounted at a height of 1250mm from to the centre line of the outstation to the floor to comply with the requirements of Building Regulations Document M (Access for the Disabled).

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

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

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Technical Specification

Details		ViLX-OSC	
Physical			
	Surface	Bezel	Cut-out
Height	300mm	350mm	305mm
Width	150mm	200mm	155mm
Depth	105mm	10mm	95mm
Weight	1.4kg		
Material	Stainless Steel		
Finish	Brushed		
Part Numbers			
Outstation	ViLX-OSC		
Bezel	ViLX-OBZ		
Recommended Cables			
Type	Cores	Distance from compatible panel	
Enhanced Fire Resistant	2 core 1.5mm Screened	500m	
Standards Compliance			
EMC	EN 55035:2017+A11:2020 EN 55032:2015+A1:2020		
LVD	EN IEC62368-1:2020+A11:2020		
Product Family	BS 5839-9:2021		
	BS 9999:2017		
	EN 60118-4:2015+A1:2018		

