

## Type A Outstation

ViLX-OSA



### 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-OSA is a Type A EVCS outstation compatible with the Lexicomm EVC system and the UnicornVoice PAVA system.

The outstation is supplied in a brushed stainless finish 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.

**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

### Suitability

The ViLX-OSA is a Type A 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 multi-disability users, having high contrast signage in line with RNIB guidelines and Type A outstations are mainly for use by building management, fire wardens and fire fighters. They should be located 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 1300 to 1400mm from 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. If the outstation is to also be used as a refuge point, suitable space must be allowed so the system can be used by a parked wheelchair.

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## Technical Specification

Details		ViLX-OSA		
<b>Physical</b>				
	<b>Surface</b>	<b>Flush</b>	<b>Cut Out</b>	
Height	300mm	350mm	305mm	
Width	150mm	200mm	155mm	
Depth	105mm	10mm	95mm	
Weight	2.2kg			
Material	Stainless Steel			
Finish	Brushed			
<b>Part Numbers</b>				
Outstation	ViLX-OSA			
Bezel	ViLX-OBZ			
<b>Recommended Cables</b>				
<b>Type</b>	<b>Cores</b>	<b>Distance from compatible panel</b>		
Enhanced Fire Resistant*	2 core 1.5mm Screened	500m		
<b>Standards Compliance</b>				
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			

\*Refer to BS5839-9: 2021 for exceptionsv

