



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
- Flush Red 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-OSA-R is a Type A EVCS outstation compatible with the Lexicomm standalone and network systems.

The outstation is supplied in a RAL3001 painted steel box with a high contrast white screen print with a rugged red telephone handset behind the push door.

A red 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-OSA-R 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 an induction loop coil (to EN 60118-4:2015) in the handset.

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 BS 5839-9: 2021.

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



## Mounting Instructions

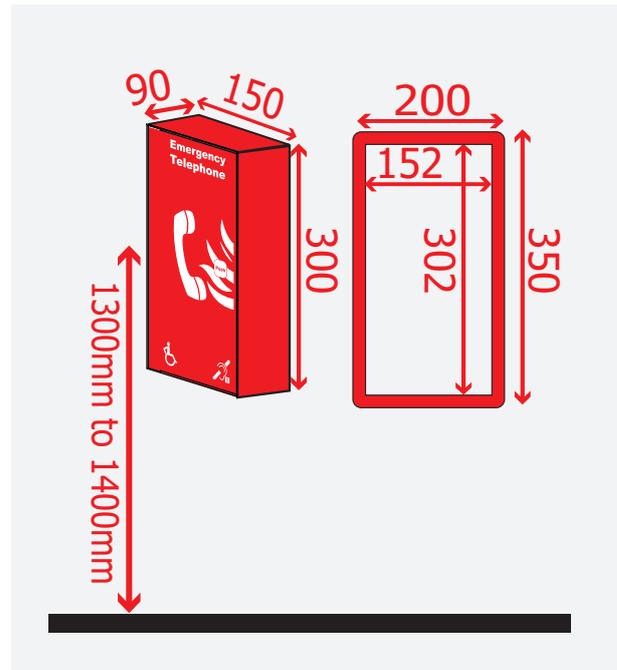
The outstation should be mounted at a height of 1300 to 1400mm from the centre line of the outstation to the floor to comply with the requirements of Building Regulations Document M (Access for the Disabled).

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.

## Technical Specification

| DETAILS                     |  | VILX-OSA-R |         |
|-----------------------------|--|------------|---------|
| <b>PHYSICAL</b>             |  |            |         |
|                             | Surface  | Bezel      | Cut-out |
| Height                      | 300mm  | 350mm      | 305mm   |
| Width                       | 150mm  | 200mm      | 155mm   |
| Depth                       | 95mm   | 1mm        | 85mm    |
| Weight                      | 1.98kg   |            |         |
| Material                    | CR4  |            |         |
| Finish                      | Painted RAL3001  |            |         |
| <b>OUTSTATION CABLES</b>    |  |            |         |
| Type                        | Enhanced Fire Resistant                                |            |         |
| Cores                       | 1 x 2 core radial 1mm or 1.5mm                         |            |         |
| Distance                    | 500m from a compatible panel                           |            |         |
| <b>STANDARDS COMPLIANCE</b> |  |            |         |
| EMC                         | EN 55035:2017+A11:2020<br>EN 55032:2015+A1:2020        |            |         |
| LVD                         | EN IEC62368-1:2020+A11:2020                            |            |         |
| Product Family              | BS 5839-9:2021 BS 9999:2017<br>EN 60118-4:2015+A1:2018 |            |         |
| <b>PART NUMBERS</b>         |  |            |         |
| Outstation                  | ViLX-OSA-R   |            |         |
| Bezel                       | ViLX-OBZ-R   |            |         |

## Mounting



## Connections

