

EVX-OSB - Disabled Refuge Type B Outstation

- Fits standard double Socket Back Box (86mm x 146mm).
- Hands free full duplex operation
- High volume ringer
- Red status LEDs in Call Button
- Green flashing Call Button for location
- Flush or surface mount
- Fully Monitored to BS5839-9:2011
- Braille enhanced Call Button
- Stainless Steel as standard



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.

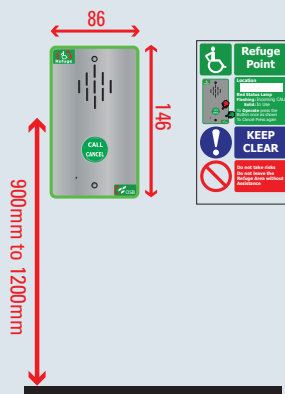
BS5839-9:2011 covers the design, installation and operation of fire telephones and disabled refuge systems in buildings, and where both systems are fitted to a building, the standard specifies these should form a single system.

The EVX-OSB is a type B EVCS outstation compatible with the EVX standalone and network systems.

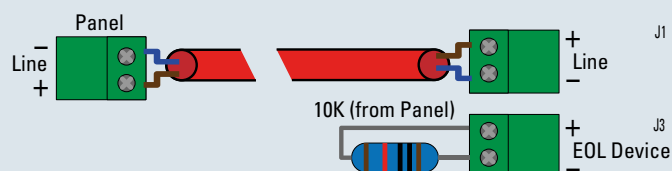
The outstation is supplied with a brushed stainless finish and a green flashing button to aid location. The ability to use a standard 'MK' double gang back box means only one type of panel is required for flush and surface installations reducing stocking requirements.

Technical Specification

Mounting



Connections



Physical

Height	146mm
Width	86mm
Depth	22mm
Weight	400 g
Material	Stainless Steel/ Acrylic
Finish	Brushed

Outstation Cables

Type	Standard* Fire Resistant
Cores	2 core 1.5mm Screened
Distance	500m

Standards Compliance

EMC	EN55103-1, EN55103-2
LVD	EN60950
Product Family	BS5839-pt9, BS9999

*Refer to BS5839-9:2011 for exceptions

Suitability

The EVX-OSB is a Type B outstation as defined in BS5839-9:2011, and is designed to be used by the public as a disabled refuge call point.

Type B outstations should be placed in disabled refuge locations as described in Building Regulations Approved Document B and BS9999:2008.

Mounting The Unit

The EVX-OSB is not supplied with a back-box as it can be used with any "MK" style double back-box over 25mm deep. To accept cable glands the back box needs to be 35mm deep) including metal clad surface types and plastic plasterboard liner boxes.

The unit should be mounted at a height of 900mm to 1200mm from the centre line to the finished floor level to comply with the requirements of Building Regulations Document M (Access for the Disabled). When flush mounting use the backbox manufacturers recommended cut out.

Once the outstation is mounted the supplied sign should be placed adjacent to the outstation to give instructions and identify the point.