EVX-IPB2 - IP66 Weatherproof Type B Refuge Point

- **Hands free full duplex operation**

- **Surface mount IP66 Enclosure**

- **Fully Monitored to BS 5839-9:2021**

- **Braille enhanced Call Button**

- **Standards compliant signage integrated in design**

- **Outstation included 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 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 EVX-IPB2 is a type B EVCS outstation for use in outdoor or exposed areas and is compatible with the EVX standalone and network EVCS systems.

The outstation is supplied within an compact IP66 enclosure which is externally signed as required by Building Regulations Approved Document B.
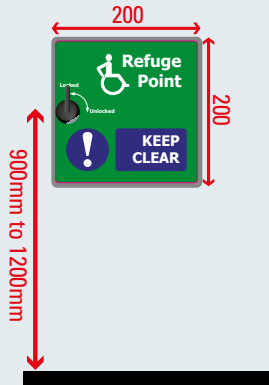
The enclosure is opened by operation of a lever lock, exposing the handsfree unit and operating instructions.
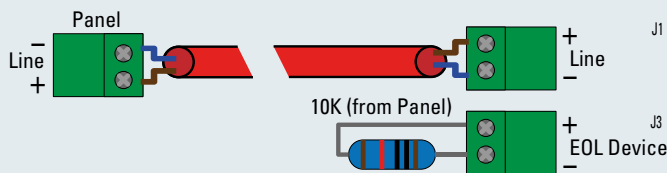
Inside view

Technical Specification

Mounting

Connections

Physical

Height	200mm
Width	200mm
Depth	80mm (115mm to handle front)
Weight	2400 g
Material	Texture painted Steel
Finish	Painted RAL 7035

Outstation Cables

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

Standards Compliance

EMC	EN55103-1, EN55103-2
LVD	EN60950
Product Family	BS 5839-9:2021, BS9999, EN60118-4

*Refer to BS 5839-9:2021 for exceptions

Suitability

The EVX-IPB2 is a Type B outstation as defined in BS 5839-9:2021, and is designed to be used by the public as a disabled refuge call point in outdoor environments.

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

Mounting The Unit

The EVX-IPB2 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 drilling any holes for cable access ensure any bare metal is treated with an antioxidant primer, and all cable glands meet IP66 and are correctly tightened.

Ensure all mounting holes have the screw seals correctly fitted, failure to ensure this will compromise the IP rating of the enclosure.