

XP95 Category W Loop Powered VAD

Features

- Coverage W-2.4-6
- Wide angle of visibility
- Uses high intensity LED
- AS7240-23 Compliant Category W VAD
- Flash rate 0.5Hz
- Fault signal if LED check failed
- Locking mechanism (grub screw)
- Synchronised flash rates



Description

The addressable Loop Powered Visual Alarm Devices (VADs) have been developed as primary or supplementary alarm devices. VADs may be used in situations where there is a risk that sounders will not be heard. This occurs, for example, where there is high background noise such as in a workshop or in a machine room. It might also be required where deaf or hearing impaired persons may be present.

The Loop Powered Addressable Visual Alarm Device is a local area VAD designed for indoor use and can be connected to systems with XP95, Discovery or Soteria devices on the loop.

The Loop Powered VAD can be fitted to any XPERT 7 or XPERT 8 Mounting Base.

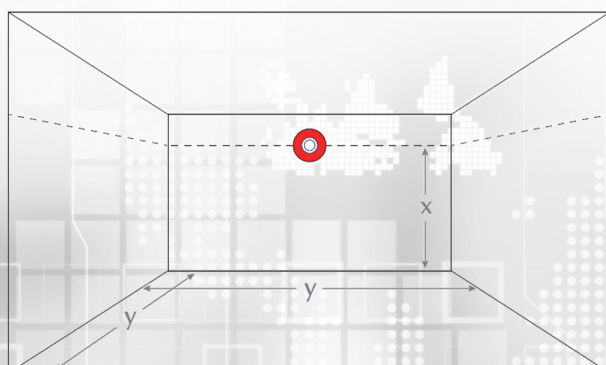
When fitted to an Integrated Base Sounder the devices can be controlled separately via their individual address. When fitted to an Ancillary Base Sounder, the sounder activation will be controlled by the VAD.

Coverage volume for the wall category VAD can be calculated as follows where:

X = The maximum height of the device on the wall in metres with a maximum value of 2.4m.

Y = The width in metres of the square volume covered when the device is mounted to the wall at required height.

W-2.5-7 = Cuboid Volume of $2.4\text{m}^2 \times 6\text{m} \times 6\text{m} = 86.4\text{m}^3$



Specifications

Coverage Class	W-2.4-6
Flash Colour	White
Frequency Flash Rate	0.5Hz
Supply Voltage	17 - 28 Vdc
Quiescent Current	280µA
Power-up Surge Current	1.5mA
Alarm Current (LED on)	16mA
Operating temperature	-40° to +70°C
Humidity	0% to 95% RH (no condensation or icing)
IP Rating	IP54 using standard base 201-0004
Standards & Approvals	EN54-23, CPR, LPCB and AS7240-23
Dimensions inc base	100 Ø x 58mm height (C-3-8.5)
Weight	105g
Material	White or Red polycarbonate with stainless steel contacts
Loop Loading	Up to 12 VADs may be fitted between standard XP95 isolators or isolating mounting bases.

Item Numbers

4107-2005	XP95 VAD Cat W Red Body
4107-2006	XP95 VAD Cat W White Body