

80DSB Detector Sounder Base Detector Activated Sounder Base



Sounders are considered as the most important of all the alarm devices. It is a mandatory requirement that sounders are used as an integral part of the fire detection and alarm system.

The 80DSB is a detector base specifically for use with the ZETTLER addressable detectors.

The base incorporates a fire alarm sounder that is activated directly by the detector.

EN54-23 now provides clarity by standardizing requirements, test methods and performance criteria of Visual Alarm Devices (VADs) and ensures all device parameters are measured in a uniform manner throughout Europe.

Main Requirements from EN54-23 are:

- The coverage volume (i.e. volume within which required illumination is achieved) must be stated on the product or supporting documentation.
- The VAD should meet the requirement for coverage volume of at least one of the following categories: W (Wall), C (Ceiling), O (Open Class).
- Required illumination of 0.4 lux on a surface perpendicular to the direction of the light emitted from the VAD.
- Rate of flash should be stated between 0.5Hz & 2Hz.
- The devices must be classified as Type A, indoor and Type B, outdoor.

Features

- A compact and discrete solution
- One point of installation for detector and sounder with no additional wiring
- Low power with up to 250 sounders on a single loop
- Provides uncompromised system design solutions
- Simple to select the tone and volume using switches
- No special training or tools needed
- 9 selectable tones
- 4 selectable volumes
- A locking pin supplied with the base which prevents the unauthorized removal of the detector
- Replaces legacy 802SB and it is compatible with 800 series detectors. Can be used for service and repair or as part of a planned upgrade path

Order Codes

- 576.080.001 80DSB Zettler Detector Base Sounder
- 557.080.001 B-CAP Blanking Cap for Sounder / VID / VAD Bases White
- 557.080.002 A-CON Conduit Adaptor for Sounder / VID / VAD Bases White

Technical Information

	P80DSB
Devices per Loop:	Up to 250 (*)
Dimensions (Diameter x H):	114x45mm
Sound Output @ 1m:	Up to 90dBA
Body Colour:	White
IP Code:	IP21C
Approvals:	EN54-3, 17

(*) Sounder at high volume, 1 A loop.
Loop quantities are for guidance only and should be verified with the loop calculator.