Panasonic

Fire alarm systems

Addressable sounder base 3378

- High or low sound output
- Three different tones and priority levels
- Connected directly on the COM loop

General

3378 consists of an analog base (a modified 3312) mounted together with a sounder, which gives an ultra slim profile. Two flying leads from the sounder are plugged into two flying leads from the base. The base is thereafter mounted on the sounder in the ceiling, so that the detector can be plugged in the base. The base is connected directly to the COM loop like the base 3312.

High or low sound output

The volume is selected via a jumper in the sounder (high or low sound output).

Tones

Three tones are available:

- Continuous 510 Hz
- Pulsed (Intermittent) 510 Hz, 0.5s / 0.5s
- Two-tone (Alternating) 510/610 Hz, 0.25s / 0.25s

Priority levels

Three priority levels are available in system EBL512 and two in system EBL128. For each level an output control expression and a tone is programmed (via Win512 / Win 128). The sounder can, for example, be used for pre-warning, fire alarm and general fire alarm with a different tone for each type of alarm.

Address & Mode setting

For COM loop address setting, the address setting tool 3314 is used. The sounder has one address and the detector plugged in the base has one address. There are two address labels where the address respectively can be written.
3314 is also used to set the mode:

- **NORMAL** mode: 3378 (3378 in Win512 / Win128).
- **2330** mode: Can not be used.
- **2312** mode: Can not be used.

Miscellaneous

The address setting tool 3314 is connected to the COM loop terminals (SA / SB) to set the sounder's COM loop address. The detector's COM loop address is set in the detector.

3378 is power supplied via the COM loop, i.e. the number of sounder bases is depending on the other units connected to the same COM loop.

Two 8 mm spacers are supplied for easier access of surface mounted cables to the unit.

Product applications

Used in the systems EBL512 (SW version ≥ 2.2) and EBL128 when a sounder is required in the same room as a detector (e.g. a hotel room). The sounder base is intended for indoor use and in dry premises.

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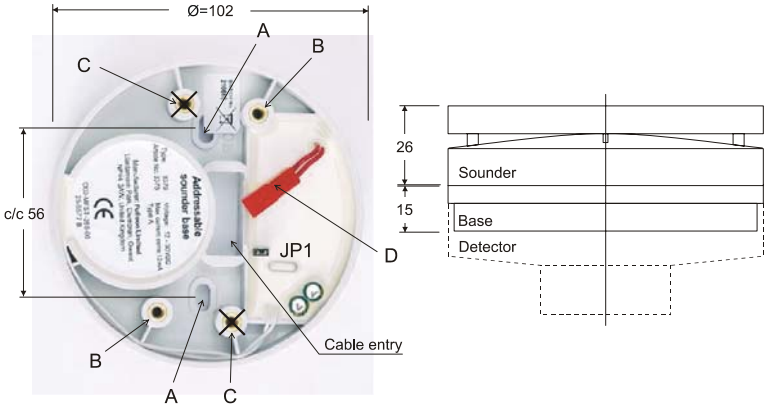
Type number	
3378	Addressable sounder base (sounder & a special version of analog base 3312)

Sounder

Base



The sounder: **A** = Mounting hole (5 x 9.5) for the sounder. Between the sounder and the ceiling can an 8 mm spacer ($Ø_o$ = 13) be mounted for easier access of surface mounted cables. **B** = Mounting hole (M4) for the base. **C** = Must <u>not</u> be used. **D** = Connector for the base connector. **JP1** = Jumper (in position = high output; removed = low output).
Analog detectors can be plugged in the base, e.g. 33xx and 430x.

NOTE! The COM loop address for 3378 is to be set before the COM loop is connected. Another COM loop address has to be set in the detector.

Technical data	
Voltage (V DC)	
rated	24
allowed	12-30
normal	24
Current consumption from COM loop at norm. volt. (mA)	
quiescent	2
active (low / high)	≤6 / ≤12
Ambient temperature (°C)	
operating	-10 to +50
storage	-20 to +70
Ambient humidity (% RH)	Max. 95, non condensing
Ingress Protection rating (estimated)	IP 42
Sound output (dB (A) @ 1 m)	95 ±2 (high output) 86 ±2 (low output)
Frequency stability (%)	±0.5
Weight (g)	
sounder + base	160 + 55 = 215
Construction / Colour	
sounder + base	ABS plastic / Gray (N8, Munsell colour code)
Approvals	CE

Product Leaflet	Date of issue	Revision / Date of revision
MEW00129	2003-07-02	3 / 2006-08-31