Panasonic

3379
ADDRESSABLE SOUNDER BASE

**Fire alarm solutions
technical description**

Table of Contents

1. INTRODUCTION

This document describes the Addressable sounder base, type number 3379.

The document contains information about the product and instructions on how to mount and connect it.

2. ABBREVIATIONS

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dB	Decibel
LED	Light Emitting Diode

3. GENERAL DESCRIPTION

The addressable sounder base consists of an analog base mounted together with a sounder. It is intended for indoor use and in dry premises.

The sounder base can be used in the system EBL512 G3 and EBL128.

The sounder base is mounted in the ceiling and an analog detector can be plugged in the base. The base is connected directly to the COM loop.

The sounder has three priority levels that are programmable with different sound types.
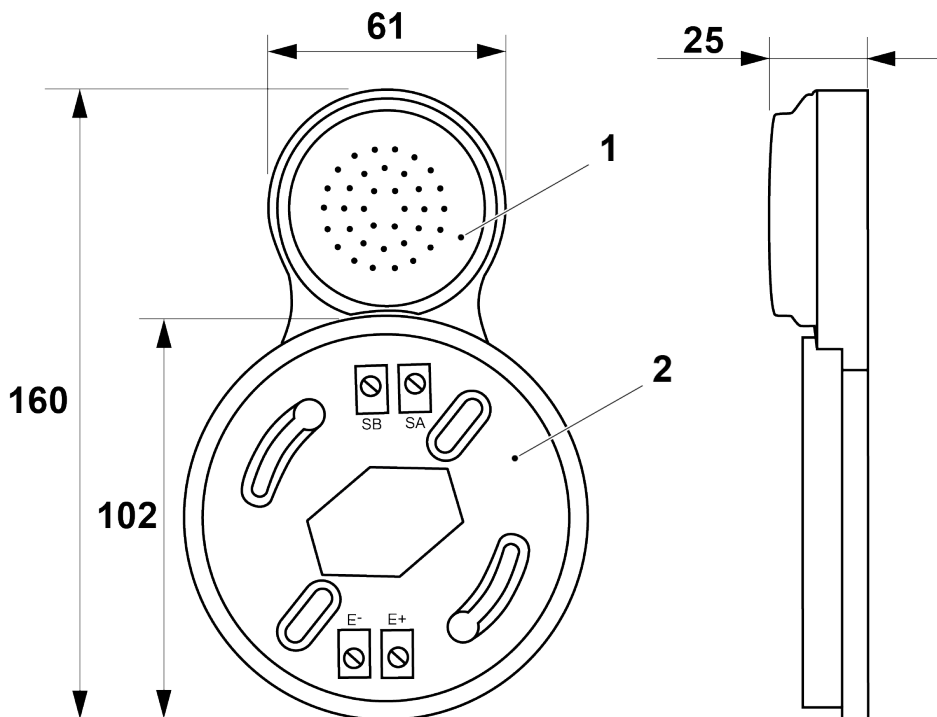
(Measure in mm)

1. Sounder
2. Base

3.1. SOUNDER

The sounder has three different sound types. These sound types can be used in the three priority levels: high, medium, and low.

The sounder can, for example, have one sound type for fire alarm activated somewhere in the whole building (low priority), another sound type for fire alarm activated on the same story/floor (medium priority) and yet another sound type when the detector plugged in the base activates fire alarm (high priority).

3.2. BASE

Ceiling mounted.

3.2.1. EXTERNAL LED

One External Indicator (LED) can be connected to the screw terminals E+ and E- in the base:

- E+ Ext. LED, for example External indicator 2218; J2:2 (+)

- E- Ext. LED, for example External indicator 2218; J2:3 (-)

4. PROGRAMMABLE SOUNDER
This configuration is done in EBLWin.

4.1. PRIORITY LEVELS
Three priority levels (High, Medium & Low) are available in systems EBL512 G3 and EBL128. For each priority level an output control expression and a sound type have to be programmed. At least one priority level has to be programmed.

A control expression with one or more trigger conditions shall be created. If the sounder is activated/sounds for a lower priority level, the sound type will change if the control expression for a higher priority level becomes true.

Two priority levels cannot have the same sound type.

4.2. TONES
The sounder has three selectable tones. This configuration is done in EBLWin.

TONE 1

Continuous	Horizontal orientation L[dB]						Vertical orientation L[dB]					
3650 Hz	15˚	45˚	75˚	105˚	135˚	165˚	15˚	45˚	75˚	105˚	135˚	165˚
28 V DC	77.7	79.5	80.8	77.9	75.5	78.7	78.1	68.4	79.1	78.3	71.7	72.5

Continuous	Horizontal orientation L[dB]						Vertical orientation L[dB]					
3650 Hz	15˚	45˚	75˚	105˚	135˚	165˚	15˚	45˚	75˚	105˚	135˚	165˚
12 V DC	77.4	79.9	81.0	77.5	75.8	79.1	77.8	68.8	77.8	77.4	71.2	72.6

TONE 2

Intermittent	Horizontal orientation L[dB]						Vertical orientation L[dB]					
3650 Hz 0,5s / silence 0,5s	15˚	45˚	75˚	105˚	135˚	165˚	15˚	45˚	75˚	105˚	135˚	165˚
28 V DC	75.1	77.5	80.5	78.7	76.9	77.8	75.4	70.5	76.8	78.0	72.9	72.6

Continuous	Horizontal orientation L[dB]						Vertical orientation L[dB]					
3650 Hz 0,5s / silence 0,5s	15˚	45˚	75˚	105˚	135˚	165˚	15˚	45˚	75˚	105˚	135˚	165˚
12 V DC	74.5	76.8	81.5	79.3	77.3	77.3	74.6	70.3	76.4	78.5	74.2	72.7

TONE 3

Alternating	Horizontal orientation L[dB]						Vertical orientation L[dB]					
3650 Hz 0,167s / silence 0,167s	15˚	45˚	75˚	105˚	135˚	165˚	15˚	45˚	75˚	105˚	135˚	165˚
28 V DC	75.2	78.1	80.1	78.8	75.4	78.5	75.3	71.0	75.5	75.9	69.3	71.6

Continuous	Horizontal orientation L[dB]						Vertical orientation L[dB]					
3650 Hz 0,167s / silence 0,167s	15˚	45˚	75˚	105˚	135˚	165˚	15˚	45˚	75˚	105˚	135˚	165˚
12 V DC	74.7	77.5	80.1	77.8	75.9	78.2	74.8	71.0	76.5	77.3	70.8	71.6
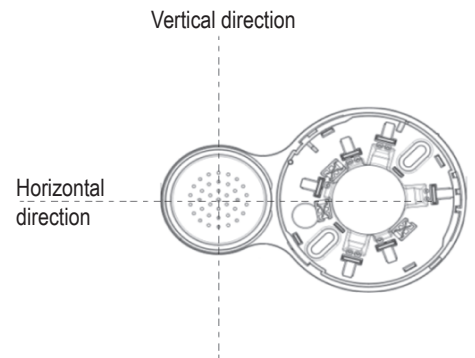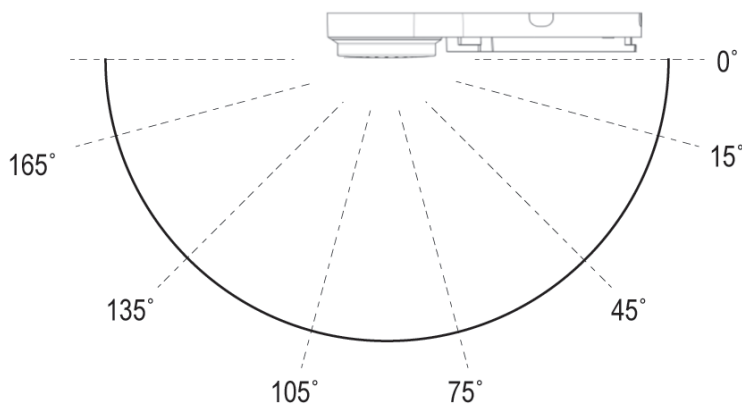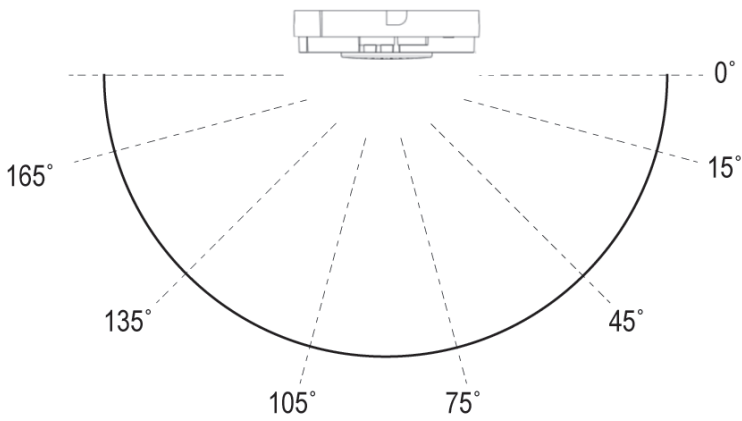
5. SET THE COM LOOP ADDRESS

Each COM loop unit has to have a unique COM loop address (001-253).

Set the address with the Address Setting Tool (4414). Use the connection cable with crocodile clips to connect the unit´s SA & SB terminals of the tool with the SA & SB terminals.

The COM loop address and mode settings have to be done before the unit is connected to the COM loop.

The detector plugged in the base has to have a different COM loop address than the sounder base.

6. SET THE MODE

Set the mode with the address setting tool (4414) according to the table below.

6.1.   COMPATIBILITY TABLE

	Advanced mode	NORMAL mode	2330 mode	2312 mode
EBL512 G3	Not used	All versions	Not used	Not used
EBL128	Not used	All versions	Not used	Not used
EBL512	Not used	V ≥ 2.2	Not used	Not used

7. MOUNTING

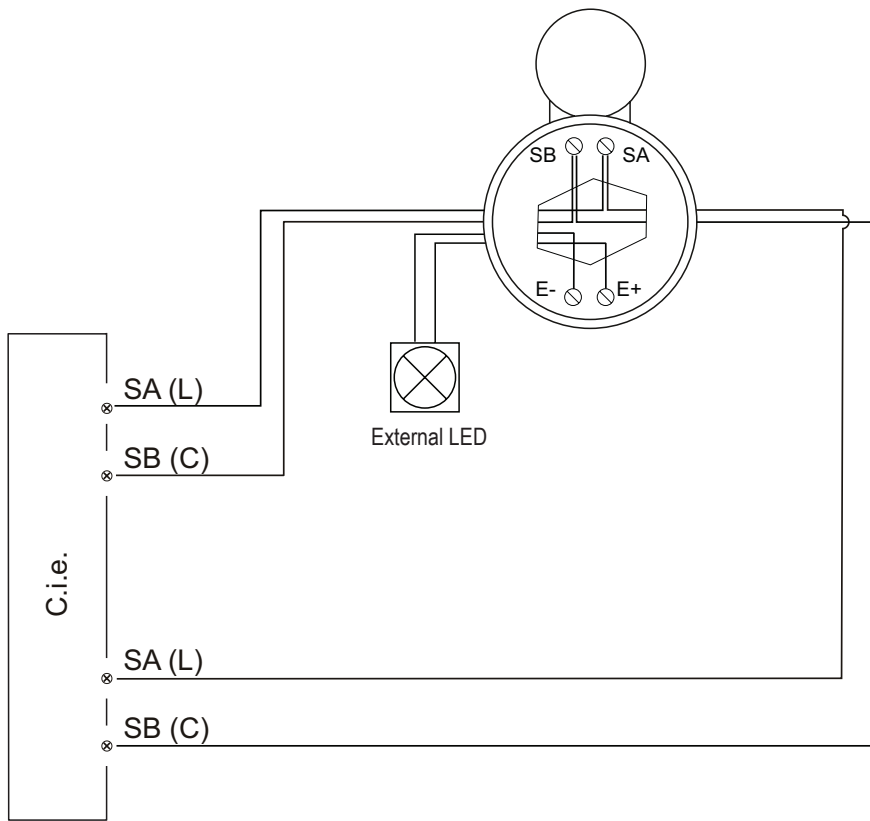The addressable sounder base must be mounted in the ceiling. Screws are not supplied.
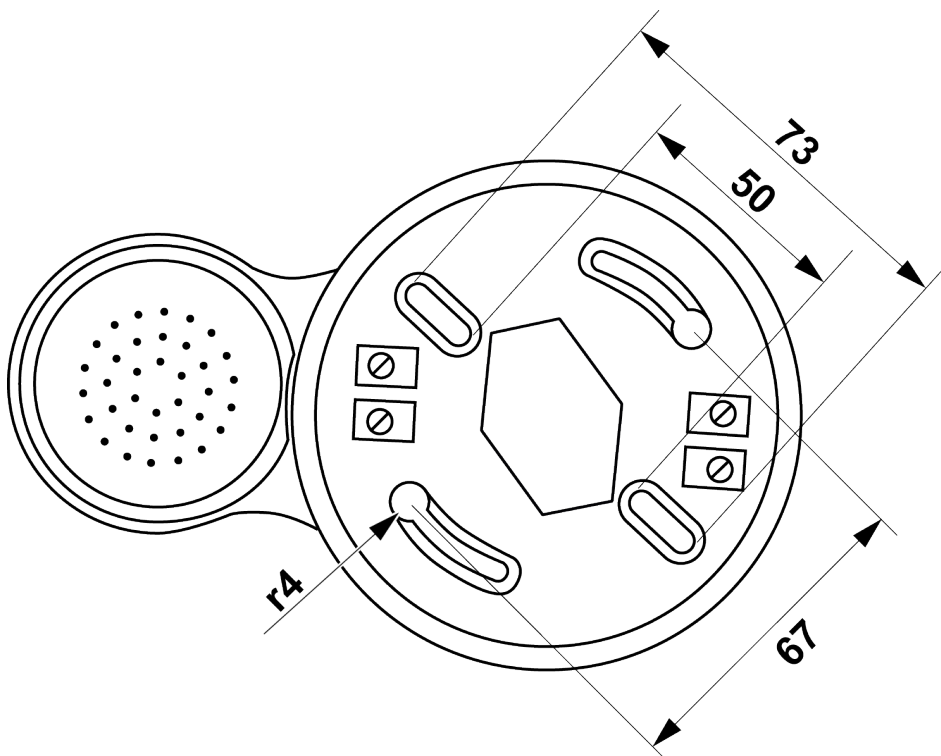
(Measure in mm)

7.1.   COVER

The addressable sounder base can be used without a detector. Cover 3313 can then be used for base protection.

8. INSTALLATION AND WIRING

Screen wire termination is not provided.

Wire size (Min)	Ø 0.6 mm (0.28 mm²)
Wire size (Max)	Ø 1.2 mm (1.13 mm²)

9. TECHNICAL DATA

All current consumptions are valid by nominal voltage and by 25 °C.

Voltage: Allowed Normal	12 – 28V DC 24V DC
Current: Quiescent Active (incl. internal LED)	≤ 0.75 mA 2.5 ± 0.5 mA
Sound level	86 dB (A)
Frequency	3650 ± 350 Hz
Sound types	1. Steady 2. Int 1 Hz (0.5 s on / 0.5 s off) 3. Int 3 Hz (0.167 s on / 0.167 s off)
Address range	001-253
Address setting	With address setting tool
Short circuit isolator	No
Internal battery	No
Material	FR ABS and polycarbonate
Ambient temperature: Operating Storage	-10 to +50 °C -20 to +70 °C
Ambient humidity	Maximum 95 % RH (Non condensing)
Ingress protection rating	IP21
Size: H x W x D	160 x 102 x 25 mm
Weight	80 g
Colour 3379 3379W	Grey (N8, Munsell colour code) White (10Y9/0.5, Munsell colour code)

10. APPROVALS

Applicable directive/ Approval	Applicable standards	Notified body
CPR	EN 54-3	VdS No. 0786-CPR-20954
EMC	EN61000-6-3 (Emission) EN50130-4 (Immunity)	Self declaration VdS
RoHS	EN IEC 63000	Self declaration

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