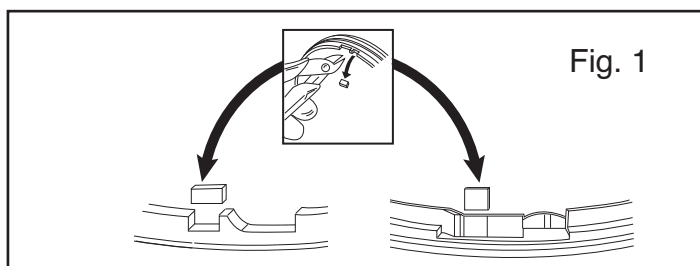


Installation Instructions

STONE	STONE TYPE	STONE DESCRIPTION/ APPLICATION	DIP SWITCH	dBa @ 1m	mA
1.	————	970Hz	0-0-0-0-0	99	21
2.	□□□□	800Hz/970Hz @ 2Hz	0-0-0-0-1	100	20
3.	∕∕∕∕	800Hz – 970Hz @ 1Hz	0-0-0-1-0	100	20
4.	- - - -	970Hz 1s OFF/1s ON	0-0-0-1-1	99	14
5.	□□□□	970Hz, 0.5s/ 630Hz, 0.5s	0-0-1-0-0	99	19
6.	□□□□	554Hz, 0.1s/ 440Hz, 0.4s (AFNOR NF S 32 001)	0-0-1-0-1	97	13
7.	∕ ∕ ∕	500 – 1200Hz, 3.5s/ 0.5s OFF (NEN 2575:2000 Dutch Slow Whoop)	0-0-1-1-0	99	16
8.	- - - -	420Hz 0.625s ON/0.625s OFF (Australia AS1670 Alert tone)	0-0-1-1-1	96	9
9.	∕ ∕ ∕	1000-2500Hz, 0.5s/ 0.5s OFF x 3/1.5s OFF (AS1670 Evacuation)	0-1-0-0-0	104	14
10.	□□□□	550Hz/440Hz @ 0.5Hz	0-1-0-0-1	97	14
11.	- - - -	970Hz, 0.5s ON/0.5s OFF x 3/ 1.5s OFF (ISO 8201)	0-1-0-1-0	98	12
12.	- - - -	2850Hz, 0.5s ON/0.5s OFF x 3/1.5s OFF (ISO 8201)	0-1-0-1-1	94	21
13.	∕∕∕∕	1200Hz – 500Hz @ 1Hz (DIN 33 404)	0-1-1-0-0	99	17
14.	————	400Hz	0-1-1-0-1	95	13
15.	□□□□	550Hz, 0.7s/1000Hz, 0.33s	0-1-1-1-0	98	17
16.	∕∕∕∕	1500Hz – 2700Hz @ 3Hz	0-1-1-1-1	104	34
17.	————	750Hz	1-0-0-0-0	99	18
18.	————	2400Hz	1-0-0-0-1	106	45
19.	————	660Hz	1-0-0-1-0	96	17
20.	- - - -	660Hz 1.8s ON/1.8s OFF	1-0-0-1-1	96	12
21.	- - - -	660Hz 0.15s ON/0.15s OFF	1-0-1-0-0	96	11
22.	□□□□	510Hz, 0.25s/ 610Hz, 0.25s	1-0-1-0-1	98	15
23.	□□□□	800/1000Hz 0.5s each (1Hz)	1-0-1-1-0	100	21
24.	∕∕∕∕	250Hz – 1200Hz @ 12Hz	1-0-1-1-1	98	13
25.	∕∕∕∕	500Hz – 1200Hz @ 0.33Hz	1-1-0-0-0	99	17
26.	∕∕∕∕	2400Hz – 2900Hz @ 9Hz	1-1-0-0-1	101	40
27.	∕∕∕∕	2400Hz – 2900Hz @ 3Hz	1-1-0-1-0	104	40
28.	∕ ∕ ∕	500 – 1200Hz, 0.5s/ 0.5s OFF x 3/1.5s OFF (AS1670 Evacuation)	1-1-0-1-1	98	10
29.	∕∕∕∕	800Hz – 970Hz @ 9Hz	1-1-1-0-0	99	20
30.	∕∕∕∕	800Hz – 970Hz @ 3Hz	1-1-1-0-1	100	20
31.	- - - -	800Hz, 0.25s ON/1s OFF	1-1-1-1-0	99	8
32.	∕ ∕ ∕	500Hz – 1200Hz, 3.75s/0.25s OFF (AS2220)	1-1-1-1-1	99	17



EN54-3:2001+A1+A2

Technical Data Document 18-186215

Fire Alarm Device - Sounder

Type A: For indoor use (Shallow Base)

Type B: For outdoor use (Deep Base)

PSS-0068/73/79/80 & PSC-0055: 0832-CPD-0297

PSC-0045/54/62/63/51

: 0832-CPD-0546




0832
06

Installation Manual

Installation

If required, the mechanism for locking the sounder to the base can be activated by removing the thin section of plastic shown in Fig. 1 with side cutters or a similar tool. To open a locked head, remove the small rubber bung from the hole on the side of the sounder, insert a tool into the hole and depress the clip whilst twisting the head. The O-ring and bung must be re-fitted to maintain the weatherproofing.

Wiring

Line	Terminal Marking
Common Positive Supply IN	(3) IN+
Sounder Negative Supply	(2) – or COM –
Beacon Negative Supply	(1) 

The sounder and beacon 0V terminals can be linked together for simultaneous control of sound and light using a 2-core connection.

(Common-Operation models are supplied with terminals 1 & 2 already linked by a permanent internal connection.)

A separate earth terminal is provided on the deep base for connecting the screen or functional earth. On the shallow base, terminal 5 can be used for this purpose.

Tone Selection and Volume Control

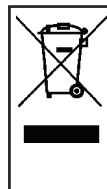
- a) The tone is selected using the 5 way dipswitch on the bottom of the sounder head. Refer to the table overleaf for details of the available tones and the switch settings required to select them.
- b) The sound output of the unit can be reduced by adjusting the potentiometer on the bottom of the sounder.

Technical Specification:

Supply Voltage Range	17 - 60V DC
Current	Sounder: 4 - 45mA*
.....	Beacon: 5mA
Peak Sound Level	94 - 106 dBA at 1m*
Number of Tones	32
Frequency Range	400 - 2850 Hz*
Operating Temperature	-25°C to + 70°C
Casing.....	High Impact Polycarbonate
IP Rating.....	IP21
.....	IP65 (with deep base)
Synchronisation	Automatic

*depends on selected tone and input voltage. See tone table for details.

EN54-3 certified on tones 1,2,3,4,5,6,7 & 13



The European directive "Waste Electrical and Electronic Equipment" (WEEE) aims to minimise the impact of electrical and electronic equipment waste on the environment and human health. To conform with this directive, electrical equipment marked with this symbol must not be disposed of in European public disposal systems. European users of electrical equipment must now return end-of-life equipment for disposal. Further information can be found on the following website: <http://www.recyclethis.info/>.