

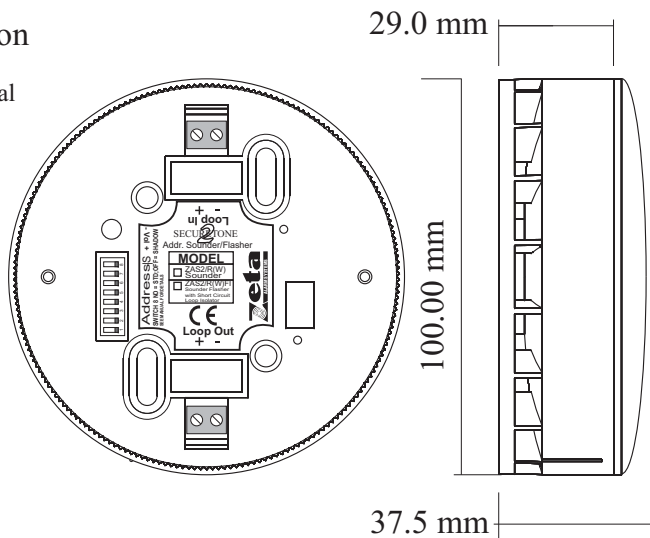
ORDER CODE	PRODUCT DESCRIPTION
ZAS2/R	SECURETONE 2 ADDRESSABLE SOUNDER - RED
ZAS2/W	SECURETONE 2 ADDRESSABLE SOUNDER - WHITE
ZAS2/RFI	SECURETONE 2 ADDR. SOUNDER /FLASHER c/w ISOLATOR- RED
ZAS2/WFI	SECURETONE 2 ADDR. SOUNDER /FLASHER c/w ISOLATOR- CLEAR
ZASF/RI	SECURETONE2 ADDR FLASHER c/w ISOLATOR - RED

Mechanical Specification

Enclosure Construction Material
 Flame Retardant rating 94V0
 White ABS - Transparent PC
 Weight

Base Sounder - 100 g
 including Lid - 120 g

including electronic circuits
 and fixings



Technical Specifications

Operating Voltage	17-30V DC
Sounder Output	
Alarm Tone 800-970Hz (0.5s each)	85 dB @ 1 metre
Flash Colour	Red
Flash Rate	0.3 Hz
Current Consumption	
Quiescent	1.2 mA
Sounder Only .	4 mA
Flasher Only	2.5 mA
Combined Sounder Flasher	5.5 mA

SECURETONE

Addressable Sounder/Flasher

The Securetone 2 Addressable sounder, sounder/flasher, or flasher only, is an addressable stand alone alarm device. Its low profile design makes it ideal in locations where the fire alarm sounders are required to be unobtrusive. It is designed to work with Zeta Analogue addressable control panels only.

The sounder flasher version also includes a loop short circuit isolator, which minimises the number of devices which would be inoperative in the case of a short circuit on the loop.

There is also a potentiometer which may be used to adjust the sound level if required. It is supplied set to it's maximum volume.

The Securetone 2 sounder has an 8 way D.I.L. switch to set the address. Switches 1 to 7 are used to set a binary address, with OFF being a binary 1, and ON being a binary 0 (or see setting chart on page 3).

Switch 8 is the shadow operation switch. When in the ON position, the sounder will behave normally. When in the OFF position, the sounder will listen to commands, but will not answer to the panel. This allows more than 1 sounder to be set to the same address, 1 master, and a number of "slaves", which allows for synchronised sounder operation.

The unit is available as the following models:-

- * Red sounder only
- * White sounder only
- * Transparent red sounder/flasher with Isolator
- * Clear & White sounder/flasher with Isolator
- * Red Flasher with Isolator



Features

- Complies with EN-54 pt.3
- 85 dB at 1 metre
- Low current consumption. 5.5 mA for combined Sounder/Beacon
- Loop Isolator option
- Compatible with all Zeta addressable panels
- DIP switch address setting.
- Shadow sounder ability.
- Flasher only option

Securetone 2 - Sounder/ Sounder-flasher

The Securetone 2 is a stand alone addressable Sounder or Sounder Flasher. The number of Sounder Flasher units which can be connected to each Loop is dependent on Loop loading. The total number per loop should not exceed 64.

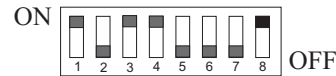
Securetone 2 Sounders can be programmed from any address between 1 and 126. In normal operation, the sounder communicates with the control panel when it's address is polled. It has 2 sound pattern outputs. A two-tone alarm (operated by command bit 0), and an alert tone (operated by command bit 1). Note that the simplicity & premier AD panels only support the alarm tone.

Shadow Sounder Mode

The Securetone 2 can be configured as a shadow addressable sounder by switching dip switch 8 to the off position. In this configuration, the control panel will not know that the sounder is present. The usual use of this mode will be to set one sounder to an address, then to set extra "slave" sounders to the same address, but in shadow mode. This allows a group of sounders to start synchronously.

Switches 1-7
used to configure the Sounder/ Flasher address.
(ON = Binary 0, OFF = Binary 1)

Switch 8
MUST BE IN THE ON POSITION
FOR NORMAL OPERATION



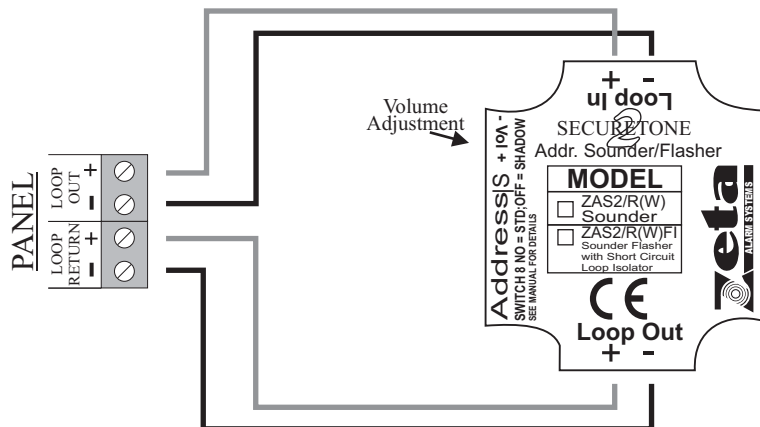
Address Switches binary weights
1 off = 1 3 off = 4 5 off = 16
2 off = 2 4 off = 8 6 off = 32

In the above Example, the address is $1+4+8 = 13$

Securetone 2 Sounder/ Flasher Address Settings

01	02	03	04	05	06	07	08
09	10	11	12	13	14	15	16
17	18	19	20	21	22	23	24
25	26	27	28	29	30	31	32
33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48
49	50	51	52	53	54	55	56
57	58	59	60	61	62	63	64
65	66	67	68	69	70	71	72
73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88
89	90	91	92	93	94	95	96
97	98	99	100	101	102	103	104
105	106	107	108	109	110	111	112
113	114	115	116	117	118	119	120
121	122	123	124	125	126		

CONNECTIONS AND TONE CONFIGURATIONS



When connecting the Securetone 2 addressable sounder to the addressable loop, remove the cover, and wire to the loop in & loop out connections.

The sounder flasher versions include a loop short circuit isolator which will Break the circuit in the event of a short circuit on the loop.