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

<table>
<thead>
<tr>
<th>Operating Voltage</th>
<th>17-30V DC</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sounder Output</td>
<td></td>
</tr>
<tr>
<td>Alarm Tone</td>
<td>85 dB @ 1 metre</td>
</tr>
<tr>
<td>Flash Colour</td>
<td>Red</td>
</tr>
<tr>
<td>Flash Rate</td>
<td>0.3 Hz</td>
</tr>
<tr>
<td>Current Consumption</td>
<td>(Add 12 mA when conventional detector is in alarm)</td>
</tr>
<tr>
<td>Quiescent</td>
<td>1.2 mA + conventional detector quiescent current</td>
</tr>
<tr>
<td>Sounder Only</td>
<td>4 mA</td>
</tr>
<tr>
<td>Flasher Only</td>
<td>2.5 mA</td>
</tr>
<tr>
<td>Combined Sounder Flasher</td>
<td>5.5 mA</td>
</tr>
</tbody>
</table>

The Securetone Micro Addressable sounder flasher base is the latest innovative product from GLT Exports Ltd. It is available as an addressable sounder, or combined sounder flasher, to which can be connected a conventional detector, either smoke, heat, or opto-heat. This can allow for considerable cost savings in locations where a sounder & detector are required. 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.

The Securetone Micro sounder has an 8 way D.I.L. switch to set the address. Switch 8 MUST be to the ON position. 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).

There is a jumper to tell the sounder whether a conventional Optical smoke detector, or conventional heat detector has been fitted. This makes the sounder reply as OPTICAL, or HEAT.

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.

Normally the Securetone Micro will be used in conjunction with a conventional heat/smoke detector. However, if the MODE selection jumper is removed, it will behave as a normal addressable sounder. (NOTE: in this configuration, the conventional detector input will be inoperative.)

Features

- Complies with EN-54 pt.3
- Allows use of Conventional Detectors
- Low current consumption, 5.5 mA for combined Sounder/Beacon
- Loop Isolator option
- Compatible with all Zeta addressable panels
- Address setting is in the base for easy Detector head replacement
- Can work as a stand alone sounder.

ORDER CODE | PRODUCT DESCRIPTION
---|---
SM-ASB | SECURETONE MICRO ADDRESSABLE SOUNDER BASE
SM-ASFIB | SECURETONE MICRO ADDR. SOUNDER FLASHER BASE with ISOLATOR
V2 L | LID FOR SOUNDER BASE (WHITE)
V2 LT | LID FOR SOUNDER BASE (TRANSPARENT-CLEAR)
V2 LTR | LID FOR SOUNDER BASE (TRANSPARENT-RED)
Securetone Micro Sounder/ Sounder-Flasher

The Securetone Micro is a Base Sounder or Sounder-Flasher which is also used to interface one conventional detector to the Analogue Addressable Loop. 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 Micro Sounders can be programmed from any address between 1 and 126. In normal operation, the sounder answers as an Optical Smoke Detector, or a Heat detector (depending on the mode jumper setting). As it is not reporting as a sounder, the control panel must be aware that there is a sounder present in order for the sounder to operate. (This is automatically built in to the Simplicity & Premier AD Fire Alarm Control panels)

Sounder Only Mode

The Securetone Micro can be configured as a normal addressable sounder by leaving off the mode select jumper. In this configuration, the detector connection wires are inactive, so can not signal a fire. A cover should be fitted to the sounder to ensure a detector is not fitted.

Switches 1-7

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

Switch 8

MUST BE IN THE ON POSITION

ON

OFF

Address Switches binary weights

1 off = 1
2 off = 2
3 off = 4
4 off = 8
5 off = 16
6 off = 32

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

Connections and Tone configurations

When connecting the conventional detector, the red wire connects to L1 in, and the black wire connects to L2.

Note: If no jumper is placed on the mode select header, the device will behave like a normal addressable sounder. In this mode no detectors, conventional or analogue addressable can be connected to this sounder unit. The shadow sounder mode will still be available by placing switch no. 8 in the OFF position.