

# FOT-SensoIRIS WSOU IS-R

## Addressable Wall Mount Fire Sounder

**EN54-3/ 17**

### Description

FOT-SensoIRIS WSOU IS-R is an addressable Wall Mount Sounder designed for installing in addressable fire alarm systems supporting FFC communication protocol. The sounder has a built-in isolator module. The device is powered on from the panel and can be controlled via the communication protocol. FOT-SensoIRIS WSOU IS-R is compatible with fire bases B124 for ceiling mounting and WSB IP65 for wall mounting.



### Technical and Environmental Specifications

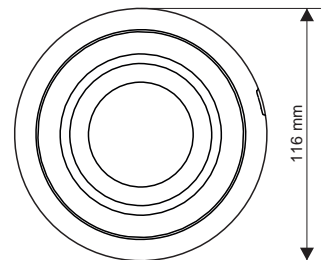
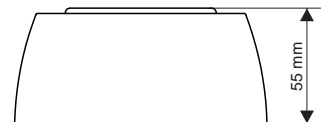
Operating Voltage Range ..... 16-32VDC (Nom. 27VDC)  
 Nominal consumption (stand-by)..... <500µA@27VDC  
 Maximal consumption (main tone type 27):  
 - low volume level. .... <5mA  
 - high volume level\* ..... <16.5mA  
 Maximal consumption (other tone types):  
 - low volume level. .... <4mA  
 - high volume level ..... <10mA  
 Consumption with activated isolator ..... <15mA  
 Power volume (main tone type 27):  
 - low volume ..... ~ 80dB (A) ± 6dB @ 1m  
 - high volume\* ..... ~ 92dB (A) ± 5dB @ 1m  
 Power volume (other tone types):  
 - low volume ..... 75-85dB ± 3dB @ 1m  
 - high volume. .... 80-95dB ± 3dB @ 1m  
 Number of tone types ..... 32  
 Supported communication protocol ..... TTE  
 Wire Gauge for terminals ..... 2.5mm<sup>2</sup>  
 Relative humidity resistance ..... (93 ± 3)% @ 40°C  
 Protection. .... IP21C  
 Weight ..... 183g  
 Dimensions (without base) ..... 116x55mm  
 Color ..... red  
 Material ..... ABS

\* **Note:** Approved to EN54-3 only!



DoP No: 005  
 1293-CPR-0464 Rev.1  
 Tested by EVPU

1139e/01



### Packing Information

- **Packing box** - 1 unit FOT-SensoIRIS WSOU IS-R, dimensions 117x120x57 mm.
- **Carton box** - 40 units FOT-SensoIRIS WSOU IS-R, dimensions 520x250x367 mm.

### Compatible Product Range

- **FOT-IRIS** - Addressable Fire Panel, 4 loops, 96 zones
- **FOT-SIMPO** - Addressable Fire Panel, 2 loops, 48 zones
- **FOT-SensoIRIS Programmer** - Address Programming Tool
- **FOT-SensoIRIS B124** - Standard Base, indoor mounting
- **FOT-SensoIRIS WSB IP65** - Waterproof IP65 Base, outdoor mounting

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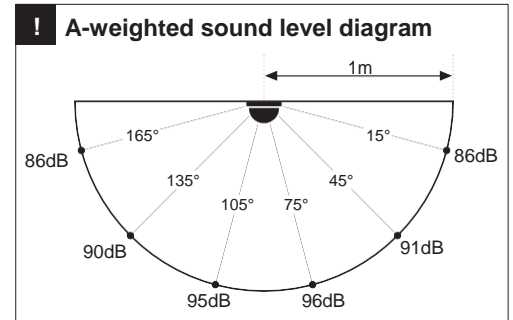
## Addressable Wall Mount Fire Sounder

**EN54-3/ 17**

### Supported Tone Types and Description

Tone	Tone Type	Tone Description / Application
1		970Hz
2		800Hz/970Hz @ 2Hz
3		800Hz - 970Hz @ 1Hz
4		970Hz 1s OFF/1s ON
5		970Hz, 0.5s/ 630Hz, 0.5s
6		554Hz, 0.1s/ 440Hz, 0.4s (AFNOR NF S 32 001)
7		500 - 1200Hz, 3.5s/ 0.5s OFF (NEN 2575:2000)
8		420Hz 0.625s ON/0.625s OFF (Australia AS1670 Alert tone)
9		500 - 1200Hz, 0.5s/ 0.5s OFF x 3/1.5s OFF (AS1670 Evacuation)
10		550Hz/440Hz @ 0.5Hz
11		970Hz, 0.5s ON/0.5s OFF x 3/ 1.5s OFF (ISO 8201)
12		2850Hz, 0.5s ON/0.5s OFF x 3/1.5s OFF (ISO 8201)
13		1200Hz - 500Hz @ 1Hz (DIN 33 404)
14		400Hz
15		550Hz, 0.7s/1000Hz, 0.33s
16		1500Hz - 2700Hz @ 3Hz
17		750Hz
18		2400Hz
19		660Hz
20		660Hz 1.8s ON/1.8s OFF
21		660Hz 0.15s ON/0.15s OFF
22		510Hz, 0.25s/ 610Hz, 0.25s
23		800/1000Hz 0.5s each (1Hz)
24		250Hz - 1200Hz @ 12Hz
25		500Hz - 1200Hz @ 0.33Hz
26		2400Hz - 2900Hz @ 9Hz
27*		2400Hz - 2900Hz @ 3Hz 2500Hz (main sound frequency)
28		800Hz - 970Hz @ 100Hz
29		800Hz - 970Hz @ 9Hz
30		800Hz - 970Hz @ 3Hz
31		800Hz, 0.25s ON/1s OFF
32		500Hz - 1200Hz, 3.75s/0.25s OFF (AS2220)

\* Note: Approved to EN54-3 only!



**Installation**

- IP21C (EN54-3)\*  
IP65 (EN60529)\*\*
- 10°C ÷ +50°C
- ~183g
- Indoor use\*
- Outdoor use\*\*

\* When used with base B124  
\*\* When used with base WSB IP65