

ARG-WL8-HS wireless heat detector with built-in sounder

The wireless heat detector with built-in sounder continuously samples the temperature in the protected area to provide the earliest warning of fire and yet offers a high level of false alarm rejection. An alarm condition is determined when the level of temperature or the thermal variation versus time exceeds the alarm threshold. The well proven adaptive radio signal processing algorithms ensure the highest levels of life safety and system reliability.

Communication between the detector and the translator / repeater modules is wireless, via the Streletz" bi-directional protocol. Build-in sounder provides notification in case of a fire.

**Features and benefits**

- Maximum, differential, maximum-differential thermal channel
- Bi-directional wireless communication
- Sound synchronization with other sounders
- 10 years of battery life
- Self-optimizing wireless frequency and amplitude algorithms
- 5 years product warranty

Technical specifications

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| Communication range with the translator or repeater (open space) | 1200 m |
| Operating frequency | 868 MHz |
| Modulation type | FSK |
| Operating frequency channels | 6 |
| Sound pressure level | 98 dB |
| Battery life: | |
| Primary battery (type CR123A) | 8-10 years |
| Secondary battery (type CR123A) | 6-12 months |
| Dimensions (Including adaptor wall base) | 110 mm x 64 mm |
| Weight | 200 g |
| IP rating | IP43 |
| Max tolerated humidity (no condensing) | 95% RH |
| Operating temperature range | From -30 °C to +55 °C |

Warranty

All devices are supplied with the benefit of a limited 5 years warranty (the warranty period does not apply to batteries). This warranty is invalidated by mechanical or electrical damage caused in the field by incorrect handling or usage. Product must be returned via your authorized supplier for repair or replacement together with full information on any problem identified.