# KE-AS3111R

## Excellence Series intelligent addressable sounder/visual indicator w/ isolator

### General

The AS2366 is a RED bodied, shallow base addressable room sounder/beacon for fire alarm systems running 2000 series addressable fire protocol. Multiple tone selection and full CPD approval ensure conformance to local regulations. The beacon has a RED lens and a flash frequency of 1 Hz.

The sounder/beacons operate over a 2-wire 2000 series loop and are loop powered i.e. no external power supply is required. They are compatible with automatic phased-start synchronisation controlled from the fire panel.

### Installation

Device cabling is done to the base and allows the sounder to be fitted and locked into position afterwards. A separate earth terminal is provided in the base for connecting the screen or functional earth when required.

### Efficient and versatile

These sounder/beacons can be put into different operating modes depending on local requirements. It provides high sound output at a low current, thus reducing power standby requirements and overall system cost. They are supplied with high/low volume settings as standard, allowing final audio adjustments to be made during installation.

The sounder is tone selectable during installation. 32 tone settings are available.

### Safety & Security

Automatic daily self testing ensures that when the device is activated, everything works as expected. Pre-activation self testing ensures that a warning is raised before an event takes place, minimising the risk when notification is required. With the integrated isolator, continuity of operation is ensured even with a single short circuit on the loop.




### Details

- Standard first fix base shared with point detectors for ease of planning, logistics and installation
- Integrated short circuit loop isolation for added safety protection
- Base lock, address tag, trim skirt and surface cabling support for easy installation in all conditions
- Loop powered with battery assisted activation allowing up to 128 devices per loop
- 32 selectable tones at 4 selectable volume levels that can be reconfigured from the CIE
- Integrated high-bright visual indication for drawing attention in noisy areas
- Multi-stage evacuation support for application flexibility
- Pre-and post activation self testing ensuring maximum safety
- Automatic synchronisation
- Tri-colour diagnostic LED indicator for fast commissioning and fault finding support

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## Technical specifications

### General

| | |
|---|---|
| Compatibility | Kidde Commercial Excellence Systems |
| Addressing method | DIL switch |
| Monitoring | Activated, Battery level, Continuously self-checking, Fault, Open circuit, Short circuit |

### Electrical

| | |
|---|---|
| Power supply type | Baterías, Alimentado por bucle |
| Batteries | 3 x CR123 (optional) |
| Operating voltage | 17 to 29 VDC |
| Communication voltage | 4 to 11 V pulsed |
| Current consumption | 250 µA (Quiescent)<br>1.4 mA (Activated - from the loop with batteries installed)<br>Refer to installation sheet for consumption values when only loop powered |

### Sounder

| | |
|---|---|
| Output level | 55 to 102 dB(A) - Tone dependent |
| Output level adjustment | 4 levels |
| Frequency | User selectable |
| Selectable tones | 32 |
| Synchronization | Supported |
| No. of stages | 3 |

### VID

| | |
|---|---|
| Colour | Red |
| Flash frequency | 0.5 Hz (1 flash every 2 s) |
| Synchronization | Supported |

### Isolation

| | |
|---|---|
| Type | Salto de línea negativo |
| Loop current | 5 mA (isolated) |
| Series resistance | <0.08 Ω |
| Switch current | 1.05 A (continuous) / 1.4 A (pulsed) |
| Leakage current | <1 mA |
| Isolation voltage | 14 to 15.5 VDC |
| Reconnect voltage | 14 to 15.5 VDC |

### Physical

| | |
|---|---|
| Physical dimensions | 111 x 81 mm (Ø x H) |
| Net weight | 300 g |
| Colour | Rojo (RAL 3001) |
| Mounting type | Montaje sobre base |
| Mounting position | Techo, Pared |
| Material | PC / ABS |

### Environmental

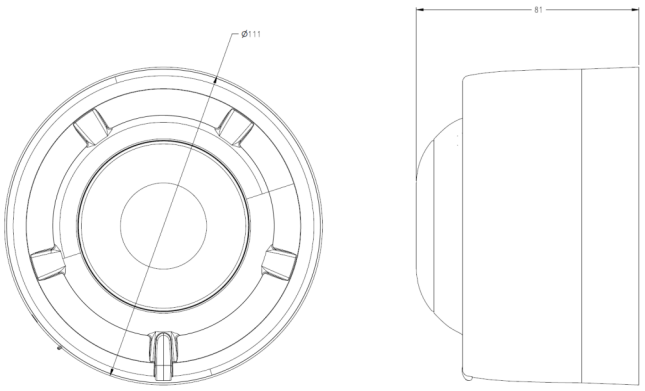
| | |
|---|---|
| Operating temperature | -10 to +55°C |
| Storage temperature | −25 to +75°C |
| Relative humidity | 10 to 93% (noncondensing) |
| Environment | Indendør |
| IP rating | IP21C |

### Regulatory

| | |
|---|---|
| Compliancy | CE, REACH, RoHS 3, WEEE |
| Certification | CPR |
| Standards | EN54-3, EN54-17 |

### Compatible products

| Category | Reference | Description |
|---|---|---|
| Detection device | KE-ASA-AUXR | Intelligent addressable notification accessory - deep base (red) |
| Detection device | KE-DB3010W | Excellence series intelligent device accessory - standard base |




KIDDE COMMERCIAL

As a company of innovation, Kidde Global Solutions reserves the right to change product specifications without notice. For the latest product specifications, visit firesecurityproducts.com online or contact your sales representative.

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