

# EN54 FireProtect Jeweller sounders and VADs

Wireless addressable fire alarm sounders and visual alarm devices (VADs)



## Product versions

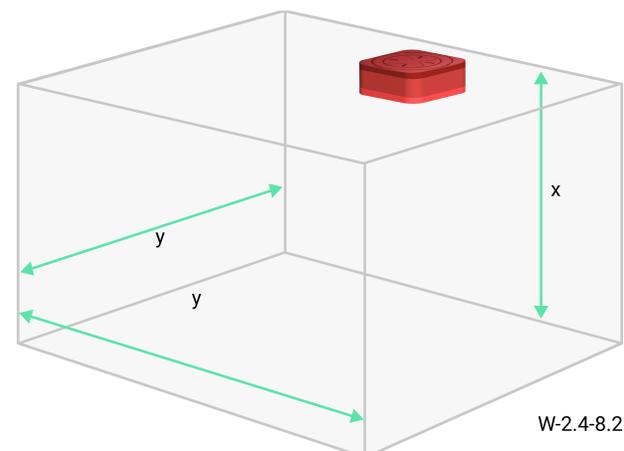
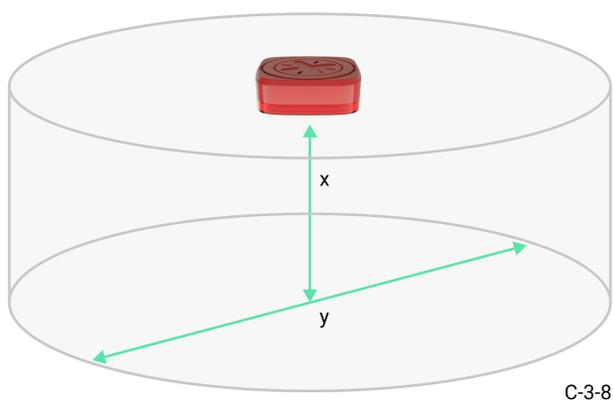
<p><b>EN54 FireProtect (Sounder) Jeweller</b> Wireless addressable fire alarm sounder</p> <p>EN 54-3   EN 54-25   BOSEC</p> <p>Colors:</p>	<p><b>EN54 FireProtect (VAD) Jeweller</b> Wireless addressable visual fire alarm device (VAD)</p> <p>EN 54-23   EN 54-25   BOSEC</p> <p>Colors:</p>	<p><b>EN54 FireProtect (Sounder/VAD) Jeweller</b> Wireless addressable fire alarm sounder combined with a visual alarm device (VAD)</p> <p>EN 54-3   EN 54-23   EN 54-25   BOSEC</p> <p>Colors:</p>
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## Rules met. Conventions shattered.

EN54 FireProtect Jeweller sounders and VADs deliver instant audible, visual, or combined fire alarm alerts in full compliance with EN 54 standards. The devices support both wall and ceiling mounting. Engineered for installation efficiency, they feature built-in wireless communicators and can be mounted in minutes without enclosure disassembly. Setup, configuration, and testing are handled in intuitive Ajax apps. Maintenance is just as simple, with real-time device monitoring and early low-battery notifications.

<p>EN 54-3 <b>Sound indication</b></p>	<p> 100 dB sounder with an adjustable volume<sup>1</sup></p>	<p> 32 selectable tones</p>
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EN 54-23 **Visual indication with an LED frame**



**When mounted on a ceiling**

Coverage diameter  
8 m

Installation height  
3 m

**When mounted on a wall**

Coverage volume  
2.4 m × 8.2 m × 8.2 m

Installation height  
2.4 m



## Efficient autonomy for years to come

- Adding to a CIE by scanning the QR code – no tools or programming required
- Configuration and testing in Ajax apps
- Dedicated field to specify the exact device location
- SmartBracket mounting panel for easy installation without disassembling the device enclosure
- Up to 90° device rotation on the SmartBracket mounting panel for optimal positioning
- Optional lock on SmartBracket to limit attempts to remove the device
- Tool-free battery replacement



## Built-in radio communication via Jeweller protocol

- Up to 1,700 m of wireless communication range with the CIE in open space
- Option to connect the devices to a range extender (sold separately)
- Device activation within 3 seconds after an alarm
- Smart radio technology: automatic power adjustment, frequency hopping, and connection loss detection



## Hassle-free installation and maintenance

- Up to 5 years of battery life on pre-installed batteries
- Early low-battery notifications in Ajax apps
- Quick battery replacement without disassembling the device enclosure

### Compatibility with the CIE and range extenders

For detailed information, scan the QR code or follow the link:



[ajax.systems/tools/devices-compatibility/?models=FP.54A.J,FP.54AV.J,FP.54V.J](https://ajax.systems/tools/devices-compatibility/?models=FP.54A.J,FP.54AV.J,FP.54V.J)

### Compliance with standards

**EN54 FireProtect (Sounder/VAD) Jeweller**  
EU CPR: EN 54-3, EN 54-23, EN 54-25  
Directive 2014/53/EU (RED)  
BOSEC

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BOSEC

### Alarm annunciation

#### Audible indication

Sound volume:  
up to 100 dB  
at a distance of 1 m

Sound pattern: 32 tones

#### Visual indication

Flash frequency:  
90 ms ON / 1,910 ms OFF  
(cycle duration: 2,000 ms;  
frequency: 0.5 Hz)

#### Alarm synchronization

across all devices  
with a sounder and VADs  
connected to the same CIE

### Communication with the CIE or range extender

#### Jeweller communication technology

**Frequency bands**  
866.0–866.5 MHz  
868.0–868.6 MHz  
868.7–869.2 MHz  
905.0–926.5 MHz  
915.85–926.5 MHz  
921.0–922.0 MHz  
Depends on the sales region

**Maximum effective radiated power (ERP)**  
up to 20 mW

**Communication range**  
up to 1,700 m  
In open space

### Enclosure

**Color**  
black, white, red

**Dimensions**  
145 × 145 × 51 mm

**Protection class**  
IP54

**Weight**  
527 g  
for EN54 FireProtect (Sounder) Jeweller  
509 g  
for EN54 FireProtect (VAD) Jeweller  
561 g  
for EN54 FireProtect (Sounder/VAD) Jeweller

### Installation

**Operating temperature**  
–10 °C to +60 °C

**Operating humidity**  
up to 95%

### Complete set

EN54 FireProtect Jeweller sounder or VAD  
4 × CR123A battery (pre-installed)  
SmartBracket mounting panel  
Installation kit  
Quick start guide

### Power supply

**Battery**  
4 × CR123A  
Pre-installed

**Battery life**  
up to 5 years

**Tool-free battery replacement**

<sup>1</sup> At a distance of 1 m.



For detailed information, scan the QR code or follow the link:

[ajax.systems/products/en54-fireprotect-jeweller-detectors/manuals/](https://ajax.systems/products/en54-fireprotect-jeweller-detectors/manuals/)

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