

EN54 FireProtect Jeweller sounders and VADs

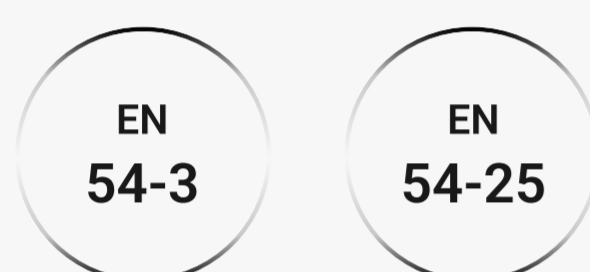
Wireless addressable fire alarm sounders
and visual alarm devices (VADs)



Product versions

EN54 FireProtect (Sounder) Jeweller

Wireless addressable fire alarm sounder

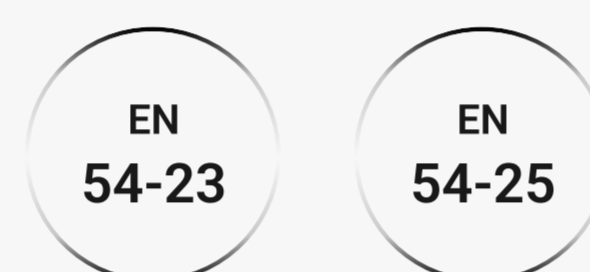


Colors:



EN54 FireProtect (VAD) Jeweller

Wireless addressable visual
fire alarm device (VAD)

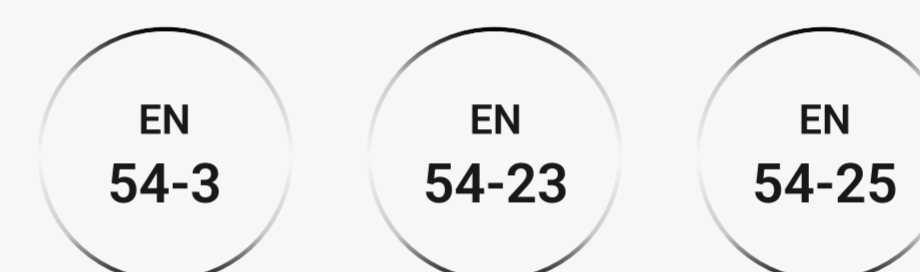


Colors:



EN54 FireProtect (Sounder/VAD) Jeweller

Wireless addressable fire alarm sounder
combined with a visual alarm device (VAD)



Colors:



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.

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54-3

Sound indication



100 dB sound output¹



32 selectable tones

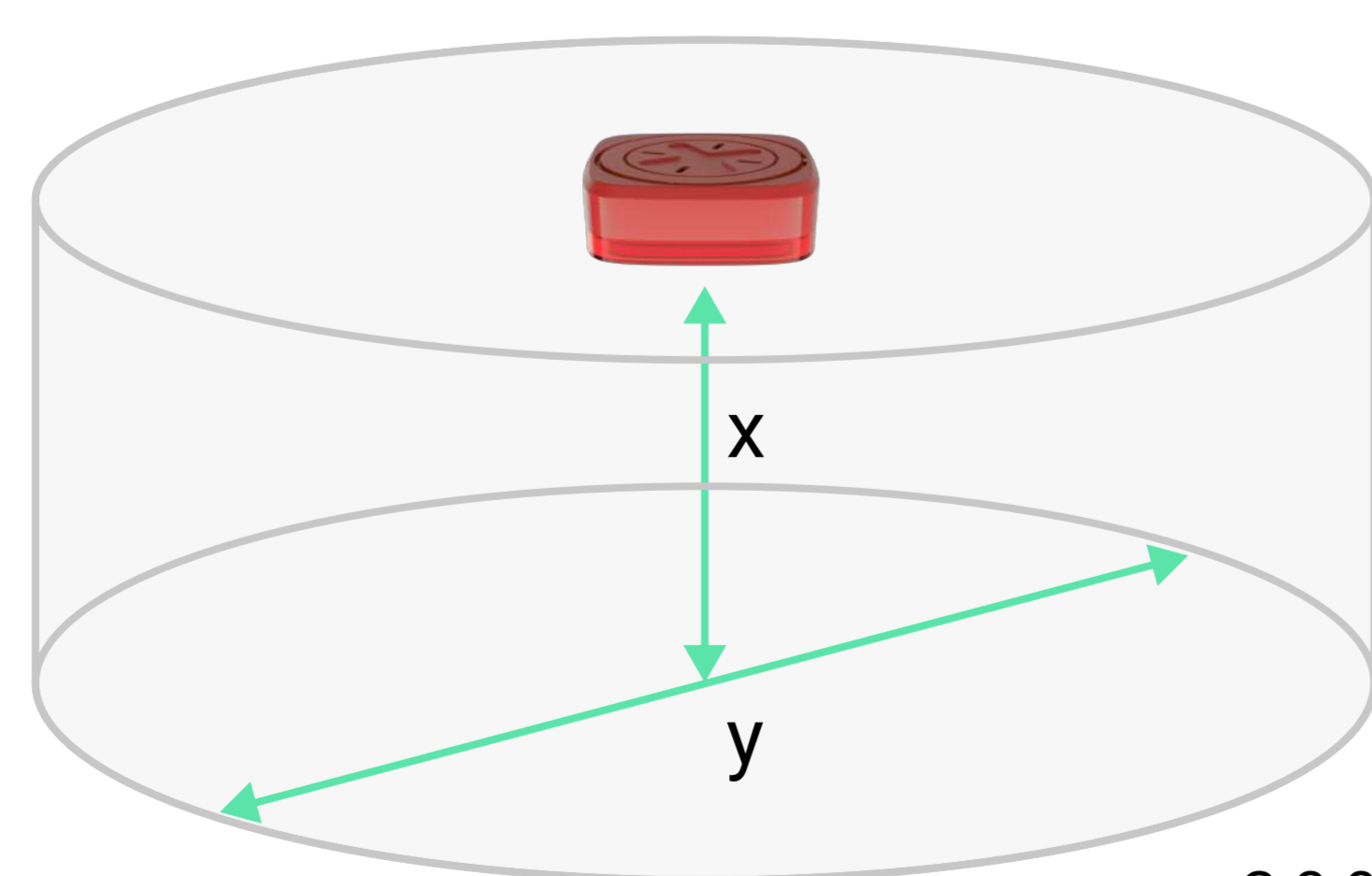
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Visual indication with an LED frame

When mounted on a ceiling

Coverage diameter
8 m

Installation height
3 m

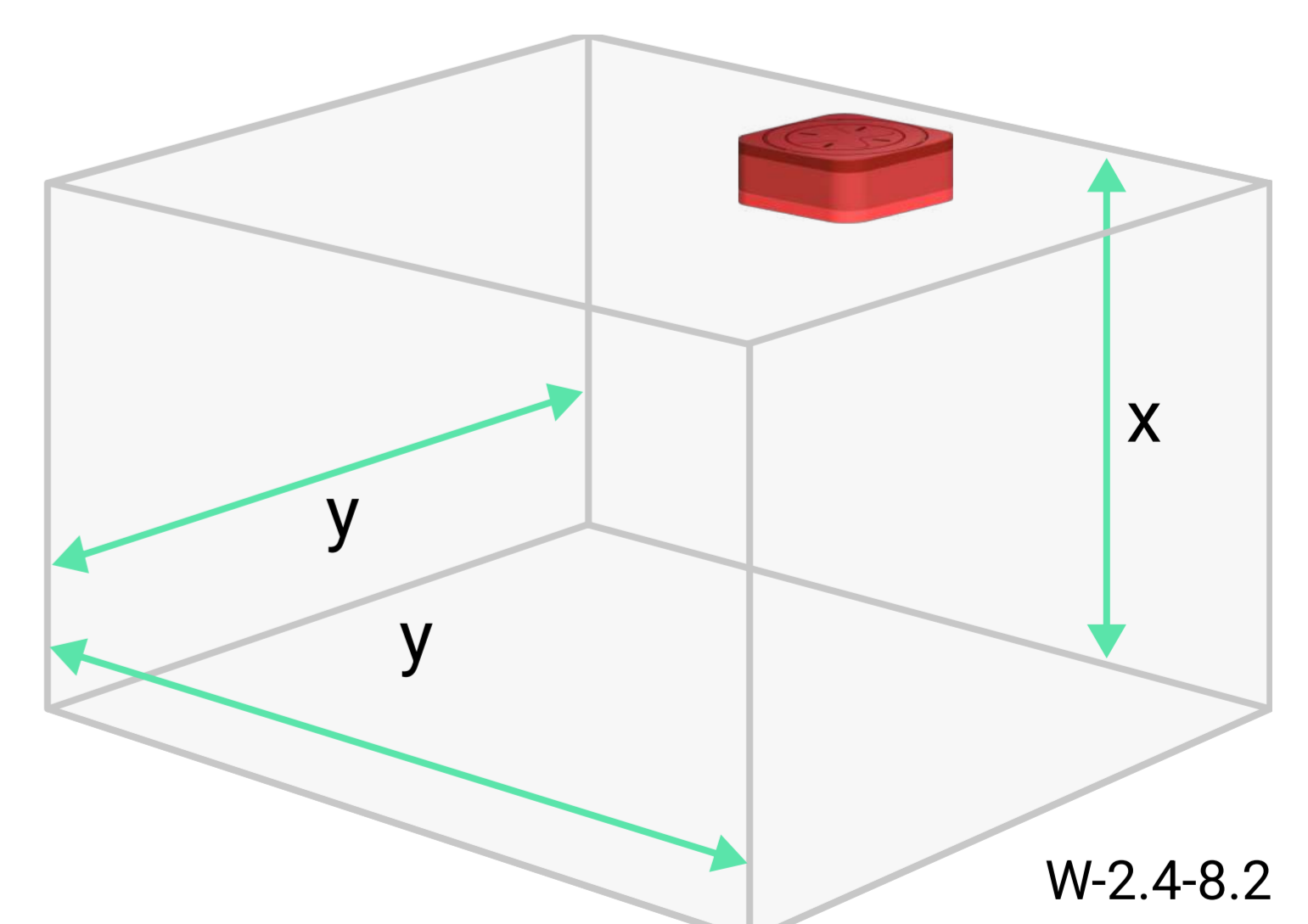


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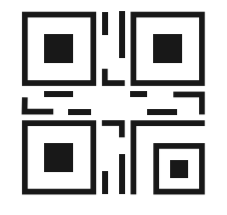
When mounted on a wall

Coverage volume
2.4 m × 8.2 m × 8.2 m

Installation height
2.4 m

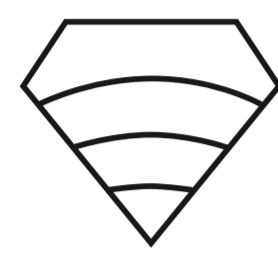


W-2.4-8.2



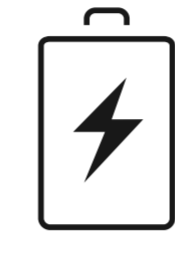
Hassle-free installation and maintenance

- 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



Efficient autonomy for years to come

- 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



Communication with the CIE or range extender	Alarm annunciation	Power supply	Enclosure	Complete set
<p>Jeweller communication technology</p> <p>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</p> <p>Maximum effective radiated power (ERP) up to 20 mW</p> <p>Communication range up to 1,700 m In open space</p>	<p>Audible indication</p> <p>Sound volume: up to 100 dB at a distance of 1 m</p> <p>Sound pattern: 32 tones</p> <p>Visual indication</p> <p>Flash frequency: 90 ms ON / 1,910 ms OFF (cycle duration: 2,000 ms; frequency: 0.5 Hz)</p> <p>Alarm synchronization across all devices with a sounder and VADs connected to the same CIE</p>	<p>Battery 4 × CR123A Pre-installed</p> <p>Tool-free battery replacement</p> <p>Battery life up to 5 years</p> <p>Installation</p> <p>Operating temperature range from –10 °C to +50 °C</p> <p>Operating humidity up to 80%</p>	<p>Color black, white, red</p> <p>Dimensions 145 × 145 × 51 mm</p> <p>Protection class IP54</p> <p>Weight 527 g for EN54 FireProtect (Sounder) Jeweller 509 g for EN54 FireProtect (VAD) Jeweller 561 g for EN54 FireProtect (Sounder/VAD) Jeweller</p>	<p>EN54 FireProtect Jeweller sounder or VAD 4 × CR123A battery (pre-installed) SmartBracket mounting panel Installation kit Quick start guide</p> <p>Compliance with standards</p> <p>EN54 FireProtect (Sounder/VAD) Jeweller EU CPR: EN 54-3, EN 54-23, EN 54-25 Directive 2014/53/EU (RED)</p> <p>EN54 FireProtect (Sounder) Jeweller EU CPR: EN 54-3, EN 54-25 Directive 2014/53/EU (RED)</p> <p>EN54 FireProtect (VAD) Jeweller EU CPR: EN 54-23, EN 54-25 Directive 2014/53/EU (RED)</p>

¹ At a distance of 1 m.



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

ajax.systems/products/en54-fireprotect-jeweller-sounders-vads/manuals/



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