

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

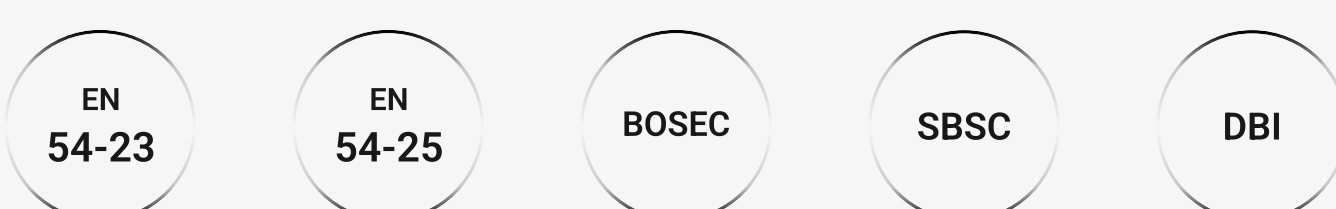


Colors:



EN54 FireProtect (VAD) Jeweller

Wireless addressable visual
fire alarm device (VAD)

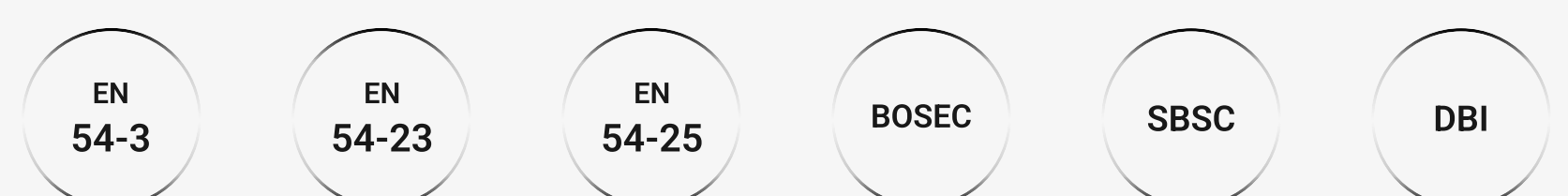


Colors:



EN54 FireProtect (Sounder/VAD) Jeweller

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

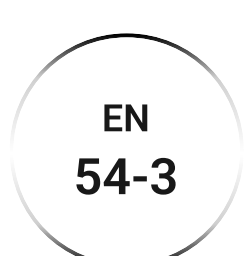


Colors:

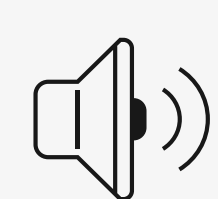


Rules met. Conventions shattered.

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.



Sound indication



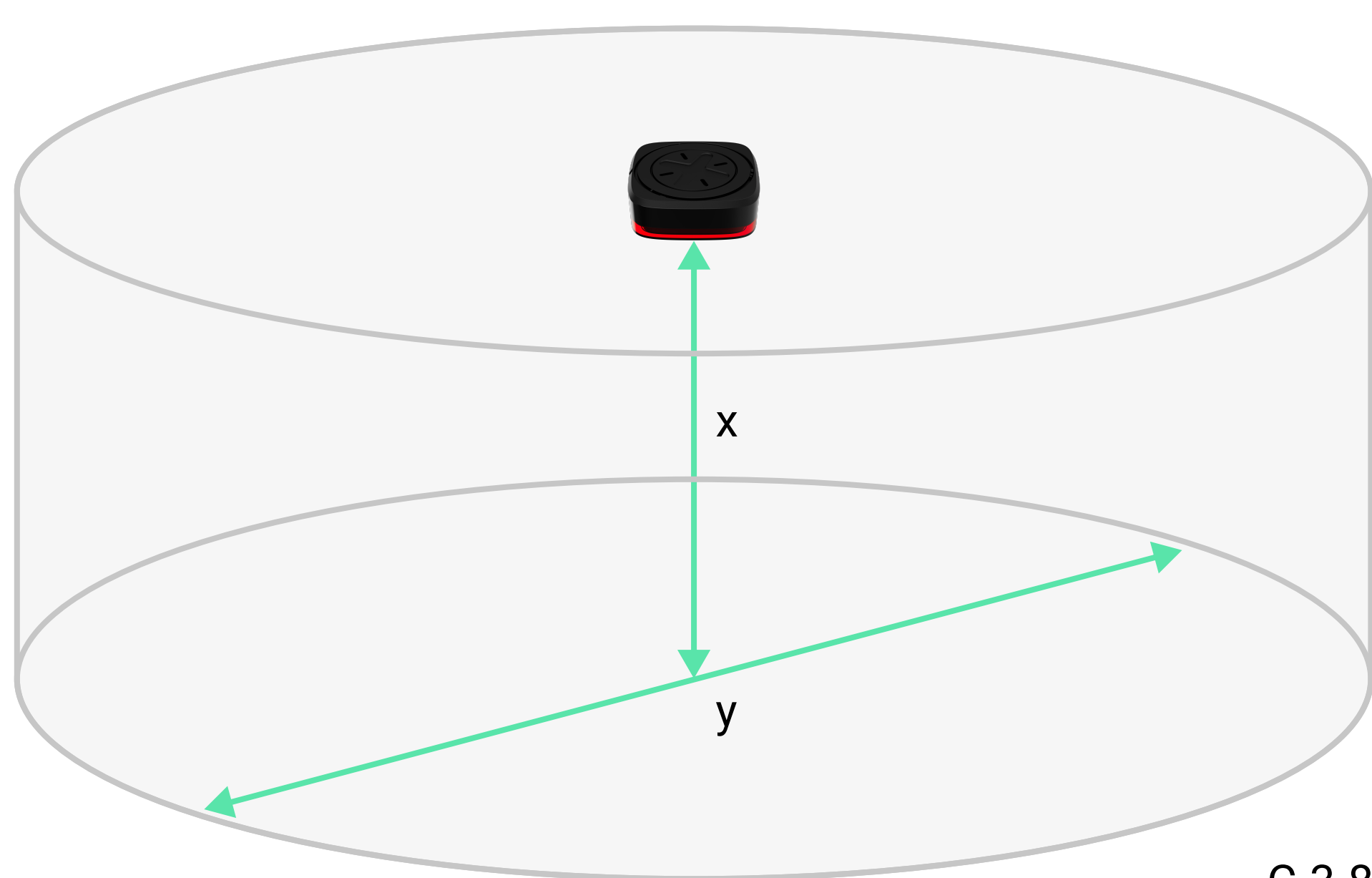
100 dB sounder
with an adjustable volume¹



32 selectable tones



Visual indication with an LED frame

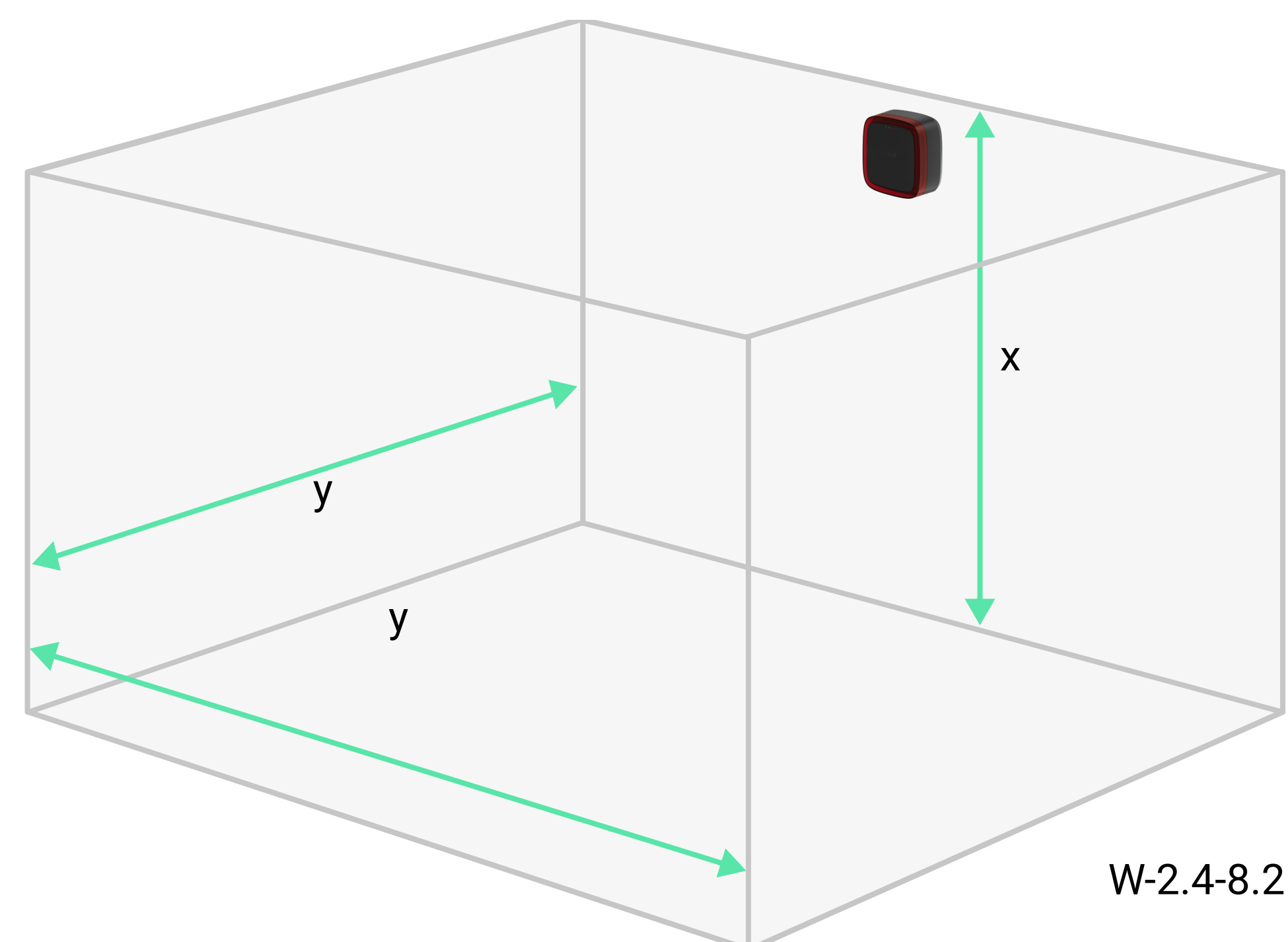


C-3-8

When mounted on a ceiling

Coverage diameter
8 m

Installation height
3 m

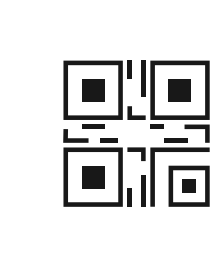


W-2.4-8.2

When mounted on a wall

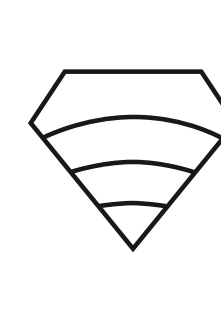
Coverage volume
2.4 m × 8.2 m × 8.2 m

Installation height
2.4 m



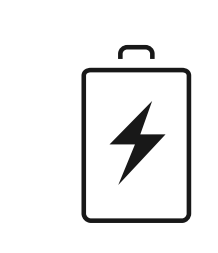
Hassle-free installation and maintenance

- 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

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/

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

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
SBSC
DBI

EN54 FireProtect (Sounder) Jeweller

EU CPR: EN 54-3, EN 54-25
Directive 2014/53/EU (RED)
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EU CPR: EN 54-23, EN 54-25
Directive 2014/53/EU (RED)
BOSEC
SBSC
DBI

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

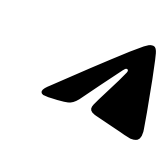
EN54 FireProtect Jeweller
sounder or VAD
4 × CR123A battery (pre-installed)
SmartBracket mounting panel
Installation kit
Quick start guide

Power supply

Battery
4 × CR123A
Pre-installed

Battery life
up to 5 years

Tool-free battery replacement

- support@ajax.systems
- [@AjaxSystemsSupport_Bot](https://t.me/AjaxSystemsSupport_Bot)
- ajax.systems