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

EN 54-3 · EN 54-25

Colors:



EN54 FireProtect (VAD) Jeweller

Wireless addressable visual fire alarm device (VAD)

EN 54-23 · EN 54-25

Colors:



EN54 FireProtect (Sounder/VAD) Jeweller

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

EN 54-3 · EN 54-23 · EN 54-25

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.

EN 54-3 Sound indication

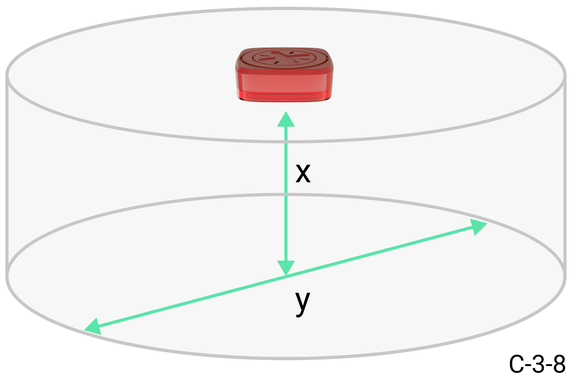
- 100 dB sound output[1]
- 32 selectable tones

EN 54-23 Visual indication with an LED frame

When mounted on a ceiling

Coverage diameter
8 m

Installation height
3 m

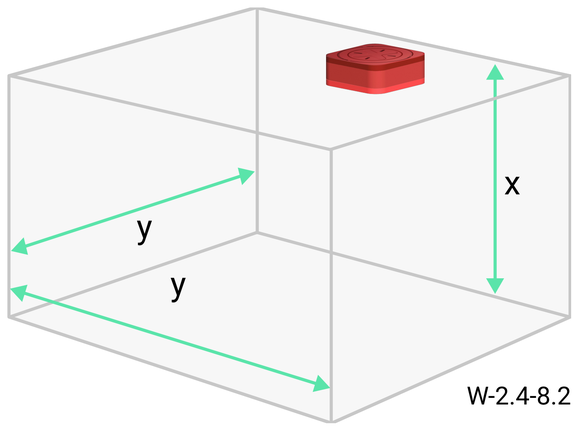


C-3-8

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

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

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

Power supply

Battery
4 × CR123A
Pre-installed

Tool-free battery replacement

Battery life
up to 5 years

Installation

Operating temperature range
from –10 °C to +60 °C

Operating humidity
up to 80%

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

Complete set

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

Compliance with standards

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

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

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

[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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