

# AJAX

## EN54 LINE

# Fire and life safety

Wireless commercial fire detection and alarm system



Hub, Batteries, Detectors



**FR433W** 125732.315.WH

**FR433B** 125733.315.BL

**Ajax EN54 Fire Hub Jeweller White/Black**

- EN 54-2, EN 54-4, EN 54-13, EN 54-21, EN 54-25, and EN 50131 (Grade 2)
- Built-in communicators: Jeweller, Ethernet, Wi-Fi, and two SIM cards
- Comprehensive protection
- 10,1" touchscreen with an intuitive interface
- 240 VAC mains power supply backed up by 24 or 72 hour battery
- Built-in 60 dB buzzer
- Support 5 range extenders
- 40 fire zones with LED indication
- 25 intrusion groups
- 200 addressable devices
- 64 automation scenarios

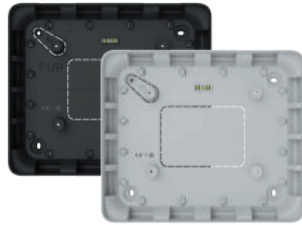


**FR442W** 125717.314.WH

**FR442B** 125717.314.WH

**Ajax EN54 Fire ReX Jeweller White/Black**

- Up to 1,800 m range on Jeweller radio protocol with Ethernet
- Support for any device combinations within CIE limits
- 240 VAC mains power supply featuring 24 or 72 hour battery backup
- Support for fire, intrusion, and automation devices
- IP20 enclosure, 226 x 239 x 535,5mm in size
- Operating temperature ranges from -10°C to +40°C



**FR423-9W** 125717.314.WH

**FR423-9B** 125718.314.BL

**Ajax GlandBox White/Black**

- Wiring accessory for EN54 Fire Hub
- Providing lateral wire entry via cable glands



**PS427W** 127876.316.WH

**PS427B** 127877.316.BL

**Ajax EN54 Internal Battery (24h) White/Black**

- EN54 Internal Battery with 24 hour backup
- 7,4V battery with the capacity of 5 Ah\*



**PS428W** 127878.324.WH

**PS428B** 127879.324.BL

**Ajax EN54 Internal Battery (72h) White/Black**

- EN54 Internal Battery with 72 hour backup
- 7,4V battery with the capacity of 10 Ah

**Detection without compromise**

EN54 FireProtect Jeweller detectors combine certified reliability with effortless installation. This wireless series includes addressable point smoke and heat detectors, some of them combined with built-in fire alarm sounders. Each detector provides best-in-class detection accuracy thanks to Ajax's patented smoke chamber with a dual-spectrum optical sensor and two accurate thermistors. With built-in communicators, long battery life, and stable radio communication, the devices are ready for different-scale projects. No need to open the enclosure or run cables — installation and configuration take just minutes via Ajax apps.



**FR425W** 119921.275.WH1

**FR425B** 119922.275.BL1

**Ajax EN54 FireProtect (Smoke) White**

- Patented smoke chamber featuring dual-spectrum optical sensor
- Built-in radio communicators
- Built-in sounder with a 85dB volume at a distance of 1m
- up to 5-year battery lifespan
- IP21C enclosure, 124x124x48mm in size
- Operating temperature ranges from 0 °C to +50 °C
- Operating temperature ranges from 0 °C to +50 °C



**FR426W** 119919.276.WH1

**FR426B** 119920.276.BL

**Ajax EN54 FireProtect (Smoke/Sounder) White/Black**

- Patented smoke chamber featuring dual-spectrum optical sensor
- Built-in radio communicators
- Built-in sounder with a 85dB volume at a distance of 1m
- up to 5-year battery lifespan
- IP21C enclosure, 124x124x48mm in size
- Operating temperature ranges from 0 °C to +50 °C
- Operating temperature ranges from 0 °C to +50 °C



**FR427W** 119917.273.WH1

**FR427B** 119918.273.BL1

**Ajax EN54 FireProtect (Heat) White/Black**

- Two A1R/A1S/BR/BS/CS and fixed temperature thermistors
- Built-in radio communicators
- Built-in sounder with a 85dB volume at a distance of 1m
- up to 5-year battery lifespan
- IP21C enclosure, 124x124x48mm in size
- Operating temperature ranges from 0 °C to +50 °C
- Operating temperature ranges from 0 °C to +50 °C



**FR428W** 119915.274.WH1

**FR428B** 119916.274.BL1

**Ajax EN54 FireProtect (Heat/Sounder) White/Black**

- Two A1R/A1S/BR/BS/CS and fixed temperature thermistors
- Built-in radio communicators
- Built-in sounder with a 85dB volume at a distance of 1m
- up to 5-year battery lifespan
- IP21C enclosure, 124x124x48mm in size
- Operating temperature ranges from 0 °C to +50 °C
- Operating temperature ranges from 0 °C to +50 °C

VAD



**SD424W** 118605.277.WH1

**Ajax EN54 FireProtect (VAD) White**

- Two-way communication
- Advanced sabotage protection
- Block encryption featuring a dynamic key
- Instant notifications
- Remote control and configuration in Ajax apps



**SD424R** 118607.277.RD1

**Ajax EN54 FireProtect (VAD) Red**

- Two-way communication
- Advanced sabotage protection
- Block encryption featuring a dynamic key
- Instant notifications
- Remote control and configuration in Ajax apps



**SD424B** 118606.277.BL1

**Ajax EN54 FireProtect (VAD) Black**

- Two-way communication
- Advanced sabotage protection
- Block encryption featuring a dynamic key
- Instant notifications
- Remote control and configuration in Ajax apps

Sounder



**SD425W** 118602.278.WH1

**Ajax EN54 FireProtect (Sounder) White**

- Two-way communication
- Instant notifications
- 100 dB buzzer
- 32 selectable tones



**SD425R** 118604.278.RD1

**Ajax EN54 FireProtect (Sounder) Red**

- Two-way communication
- Instant notifications
- 100 dB buzzer
- 32 selectable tones



**SD425B** 118603.278.BL1

**Ajax EN54 FireProtect (Sounder) Black**

- Two-way communication
- Instant notifications
- 100 dB buzzer
- 32 selectable tones

Sounder/VAD



**SD426W** 118599.279.WH1

**Ajax EN54 FireProtect (Sounder/VAD) White**

- Frequency hopping to prevent radio interference and jamming.
- A sounder and LED frame
- Sound pattern :32 tones
- Calculated battery life up to 5 years



**SD426R** 118601.279.RD1

**Ajax EN54 FireProtect (Sounder/VAD) RED**

- Frequency hopping to prevent radio interference and jamming.
- A sounder and LED frame
- Sound pattern :32 tones
- Calculated battery life up to 5 years



**SD426B** 118600.279.BL1

**Ajax EN54 FireProtect (Sounder/VAD) Black**

- Frequency hopping to prevent radio interference and jamming.
- A sounder and LED frame
- Sound pattern :32 tones
- Calculated battery life up to 5 years



**EN 54 certified fire and life safety solution**

Reimagine fire safety with EN54 Line — a fully wireless system that delivers unmatched reliability for commercial and municipal sites. This solution is quick to deploy, even in large-scale projects. Each product is rigorously tested and certified to EN 54 standards. The comprehensive Ajax ecosystem creates a unique opportunity to integrate fire safety with intrusion protection, automation, and video surveillance into a single powerful solution.



# Lightning-fast commands at critical moments

In a life-threatening situation, ManualCallPoint Jeweller saves precious time. The button triggers an alarm and automation scenarios, and the system immediately follows the commands. A single press activates intrusion sirens and buzzers of all fire detectors in the system, informing users to evacuate. And scenarios de-energize the facility, unlock exits, or turn on ventilation or emergency lights to assist evacuation. All the data is instantly available in Ajax apps and the CMS, including which button was pressed, as well as when and where it happened. Once the danger has passed, ManualCallPoint Jeweller is reset using a bundled key.



**FR424W** 87645.171.NC1

**Ajax Manual Call Point White**



**FR424Y** 87651.171.NC1

**Ajax Manual Call Point Yellow**



**FR424G** 87639.171.NC1

**Ajax Manual Call Point Green**



**FR424B** 71254.171.NC1

**Ajax Manual Call Point Blue**



**FR424R** 60815.171.NC1

**Ajax Manual Call Point Red**

- Failproof button-press mechanism that cannot get stuck
- EN 54 certified (applies to the red-colored version only)
- Up to 8 years of autonomous operation
- Transparent front lid to prevent accidental alarm activation
- Built-in radio communicators
- 102 x 104 x 39 mm enclosure
- Operating temperature ranges from 0 °C to +50 °C\*

**SW430W** 124590.280.WH1

**SW430B** 124591.280.BL1

**Ajax EN54 I/O Module (2X2) White/Black**

- 2 inputs supporting NO, NC, EOL, 2EOL and 3EOL to receive alarms
- 2 outputs to control third-party devices
- Up to 5 years of autonomous operation
- Thought-out design for easy wiring
- Built-in radio communicators
- IP21C enclosure, 116 x 180 x 62 mm in size
- Operating temperature ranges from 0 °C to +50 °C\*



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