



DETECTOR WRL FIREPROTECT 2 RB/HSC BLACK 52253 AJAX



Model: 52253

Manufacturer: AJAX

EAN: 4823114030703

Product Code: 406551

R4,766

FireProtect 2 is a next-gen detector designed for residential fire safety. The carbon monoxide sensor alarms before the concentration level become threatening and notify about danger with a built-in powerful siren and critical alerts from Ajax apps. Thought-out design, mounting, and in-app settings make installation straightforward and quick. Everything meets the most modern fire safety standards.

Stable performance for a decade

Cutting-edge engineering of hardware and software allowed us to implement advanced capabilities and offer autonomy in the size of the compact smart detector. FireProtect 2 complies with strict residential fire safety standards with long-lasting battery life while featuring constant data exchange with a hub and real-time analysis system to filter false alarms. The detector is available in two versions with different battery options to cover every market need.

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Low battery warning

The detector reports low batteries at least 30 days before its full discharge. Installers and users get notifications from their Ajax apps. Also, FireProtect 2 has an LED indicator and audible beeps for a low battery alert.

Always informed, everywhere

For residential fire alarm systems, informing people about danger is the priority. FireProtect 2 is equipped with a powerful 85 dB siren to eliminate the risk of missing an alarm. The detector uses impossible-to-ignore tones with different patterns to indicate an alarm or event, so it's easy to recognize the threat and react accordingly.

Enhanced wireless interconnection

All FireProtect 2 detectors can synchronously notify about the fire alarm in two ways: primary and fallback. In case of danger, the initiating detector sends a fire alarm to the hub. The hub initiates the primary interconnect: all fire detectors will activate the built-in sirens in 20 seconds — three times faster than the fire standard requires. All information is immediately available in Ajax apps: initiating detector's location, fire alarm type, and exact time.

If there is no connection with the hub, the initiating detector activates the fallback interconnection by directly sending the alarm to other fire detectors. It takes only 1 minute to raise an alarm.

Unleash the Ajax power

The Ajax smart and complex ecosystem brings new standards to the fire safety industry. FireProtect 2 is ready to protect your home without an Ajax hub but can do even more when connected to it. Intuitive Ajax apps provide remote setup and all detector information in real-time from anywhere the Internet is available, on a smartphone or PC. With instant notifications, there is no chance of missing a fire alert, and scenarios let you automate fire security to enhance home protection while you're away. A complete set with stable wireless communication — essential reliability tested over the years by nearly two million users.

Unique wireless technologies

The Ajax system uses two-way secure radio communication based on the Jeweller proprietary protocol. It supports block cipher encryption and device authentication on every session with the hub

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to prevent sabotage, spoofing, or data theft.

Ajax wireless technology has up to 1,700 meters of radio signal communication range in an open space, making it on average longer than competing solutions from different manufacturers. Automatic power adjustment makes it energy efficient by not using the maximum power of radio transmitters in system devices on a regular basis. It is also more stable, using less noisy radio frequencies. Ajax hubs use radio hopping to protect against radio interference and signal interception. The system automatically changes frequency within a band and notifies the security company and users about the jamming.

Effortless installation and maintenance

FireProtect 2 is ready to operate straight out of the box. There is no need to disassemble the detector during installation. With an improved SmartBracket panel, an installer can effortlessly fix the detector on ceilings and level it at 90° angles after mounting. The Ajax apps help quickly make the device a part of the system. And it can always be reconfigured remotely without site visits.

The detector is maintenance-free. A self-test system automatically diagnoses the sensor and reports its state to the hub. Testing can also be run manually anytime in the app or by pressing the detector's front panel with any suitable item, either a hand or a mop handle.

Summary: Ajax FireProtect 2 RB (Heat/Smoke/CO). Audible alarm type: Fire horn/siren, Product colour: Black, Maximum range: 1700 m. Power source type: Battery. Siren dimensions (WxDxH): 124 x 124 x 45 mm, Siren weight: 274.5 g | Vendor Homepage: <https://ajax.systems/products/fireprotect-2-co/> | Audible alarm type: Fire horn/siren | Carbon monoxide (CO) detector: Yes | Emergency audible alarm unit: Yes | Fire alarm control unit: No | Heat detector: Yes | Maximum range: 1700 | Product colour: Black | Smoke detector: Yes | Number of batteries supported: 2 | Power source type: Battery | Siren dimensions (WxDxH): 124 x 124 x 45 | Siren weight: 274.5 | Model name: FireProtect 2 RB (Heat/Smoke/CO) | Units per Shipping Box: 1 | Unit Calculated Volume: 0.001201 | Unit Calculated Weight: 0.336