FireProtect 2 RB (Heat/Smoke) UL Jeweller

Wireless combined heat and smoke detector with replaceable batteries

UL 268

CAN/ULC S529



Accurate fire detection

Smoke sensor

- A dual-spectrum optical sensor paired with HazeFlow 2 software algorithm
- A patented smoke chamber is dustproof, impenetrable to insects, and does not require regular clean-ups

Heat sensor

- Two A1R-class thermistors are located outside the enclosure to eliminate detection delays
- Alarms when the temperature exceeds 135 °F (+58 °C)

Power supply

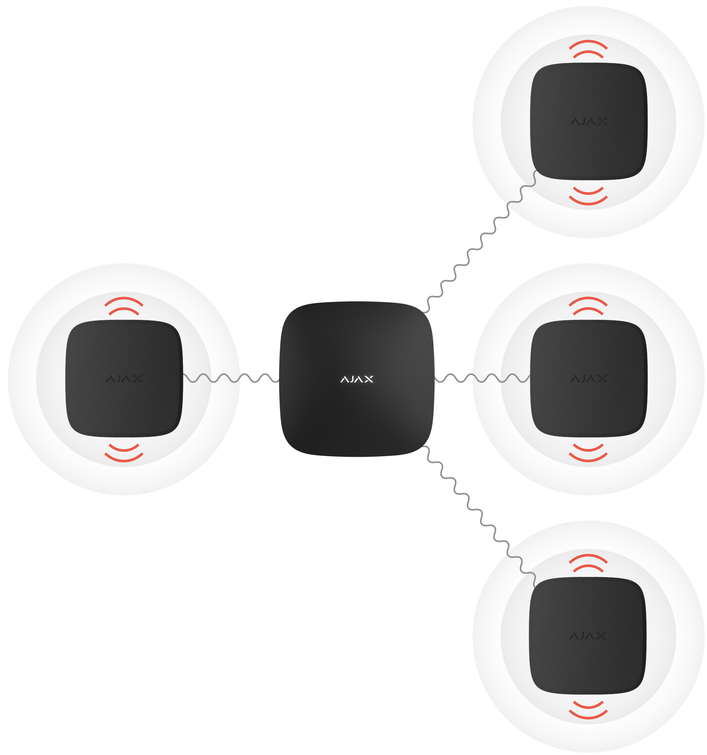
The detector is powered by two replaceable CR123A batteries, ensuring up to 5 years of operation. After discharge, the installer simply replaces the batteries, and the detector continues to operate as usual.

Low battery warning

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

Enhanced wireless interconnection

RB detectors can synchronously notify of a fire alarm through interconnection. In case of alarm, the hub activates the interconnection **in 20 s**. All information is instantly available in Ajax apps: initiating detector’s location, fire alarm type, and exact time.



System supervision

- Regular polling of each system device to display current statuses in apps
- Automatic detector self-diagnosis with state reporting to the hub
- Up to 5,500 ft (1,700 m) of wireless communication and twice as much with a range extender
- Instant maintenance notifications

Additional features

- Automation scenarios activation
- Visual alarm verification using MotionCam detectors or any video camera connected to Ajax NVR
- Indoor/outdoor intrusion sirens activation
- Alarm delivery to CMS
- Built-in 85 dB siren
- LED indication of detector states

Quick installation and setup

- SmartBracket panel to mount the device: no need to disassemble the enclosure
- Pairing with a hub via QR code
- Remote control and configuration in the app

Superior, **Fibra**, and **Baseline** product lines are mutually compatible. This opens up numerous possibilities for building systems of any configuration.

Compliance

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Compatibility with hubs and range extenders

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

ajax.systems/tools/devices-compatibility/?models=FP2.RBHS.J-000-NA.UL

Communication with hub

Jeweller communication technology

Frequency bands
905.0–926.5 MHz

Communication range
up to 5,500 ft (1,700 m)
In an open space

Power supply

Batteries
2 × CR123A
Pre-installed

3 V⎓, 1,600 mAh
Up to 5 years of battery life

Installation

Operating temperature range
from 32 °F to 100.4 °F
(from 0 °C to +38 °C)

Operating humidity
up to 80%

Enclosure

Color
black, white

Dimensions
4.88" × 4.88" × 1.77"
(124 × 124 × 45 mm)

Weight
9.59 oz (272 g)

Protection class
IP20

Complete set

FireProtect 2 RB
(Heat/Smoke) UL Jeweller
SmartBracket mounting panel
2 × CR123A battery
(pre-installed)
Installation kit
Quick start guide

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

ajax.systems/support/devices/fireprotect-2-rb-heat-smoke-ul-jeweller/

support@ajax.systems
@AjaxSystemsSupport_Bot
ajax.systems