

# FireProtect 2 (CO) Jeweller

Wireless fire detector with a CO sensor

The device comes in two versions: with replaceable batteries (RB) and with sealed batteries (SB):

- FireProtect 2 RB (CO) Jeweller
- FireProtect 2 SB (CO) Jeweller



## Accurate fire detection

### CO sensor

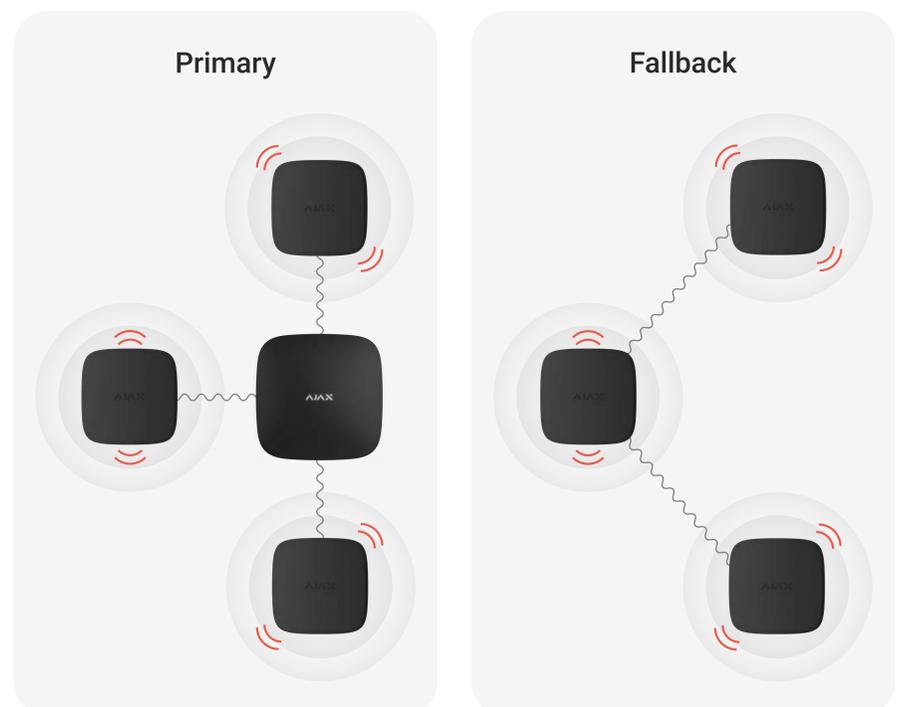
- A built-in chemical sensor accurately detects CO levels for up to 10 years
- A warning is provided when the CO concentration reaches the dangerous level of 50 ppm before the first signs of poisoning appear



## Interconnected fire detector alarms

All FireProtect 2 RB/SB detectors in the system can be interconnected and raise a fire alarm simultaneously if one of the devices detects a threat.

There are two types of interconnection, namely primary (via an Ajax hub) and fallback (detector-to-detector), which work in parallel. In case of danger, an initiating detector sends a fire alarm to the hub, which, in turn, activates the primary interconnection. This activates the built-in sirens of all fire detectors in the system in 20 seconds. Meanwhile, the initiating detector activates the fallback interconnection and sends the alarm to other fire detectors. Even in the worst-case scenario, all fire detectors in the system notify of the danger within a minute.



## System supervision

- Regular polling of each system device to display current states in apps
- Automatic detector self-diagnosis with state reporting to the hub
- Up to 1,700 m (5,550 ft) of wireless communication, or twice as much with a range extender
- Instant maintenance notifications



## Additional features

- Automation scenarios activation
- Visual alarm verification using MotionCam detectors or cameras
- Indoor/outdoor siren activation
- Sending alarms to CMS
- Built-in 85 dB siren
- LED indication of detector states



# Quick installation and setup

- SmartBracket panel to mount the device without disassembling the enclosure
- Pairing with a hub via QR code, with remote control and configuration in the app

<p><b>Compliance</b></p> <p><b>RB version</b> EN 50291-1:2018</p> <p><b>SB version</b> EN 50291-1:2018 BS 5839-6 (Grade F1) BSI KITEMARK Carbon Monoxide Alarms KM 797661</p>	<p><b>Compatibility with hubs and range extenders</b></p>  <p>For detailed information, scan the QR code or follow the link: <a href="https://ajax.systems/tools/devices-compatibility/?models=FP2.RBC.J%2CFP2.SBC.J">ajax.systems/tools/devices-compatibility/?models=FP2.RBC.J%2CFP2.SBC.J</a></p>	<p><b>Communication with a hub</b></p> <p><b>Jeweller communication technology</b></p> <p><b>Frequency bands</b> 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</p> <p><b>Maximum effective radiated power (ERP)</b> Up to 20 mW</p> <p><b>Communication range</b> up to 1,700 m up to 5,550 ft In an open space</p>	<p><b>Power supply</b></p> <p><b>RB version</b> 2 × CR123A battery Up to 7 years of battery life</p> <p><b>SB version</b> 2 × sealed lithium battery Up to 10 years of battery life</p>																		
<p><b>Installation</b></p> <p><b>Operating temperature range</b> from 0 °C to +50 °C from 32 °F to 122 °F</p> <p><b>Operating humidity</b> up to 80%</p>	<p><b>Enclosure</b></p> <p><b>Color</b> white, black</p> <p><b>Dimensions</b> 44 × 86 × 86 mm 1.73" × 3.38" × 3.38"</p> <p><b>Weight</b></p> <table data-bbox="619 1736 1008 1840"> <tr> <td>147 g</td> <td>143 g</td> </tr> <tr> <td>5.18 oz</td> <td>5.04 oz</td> </tr> <tr> <td>For RB version</td> <td>For SB version</td> </tr> </table> <p><b>Protection class</b> IP20</p>	147 g	143 g	5.18 oz	5.04 oz	For RB version	For SB version	<p><b>Complete set</b></p> <table data-bbox="1081 1454 1911 1736"> <tr> <td><b>RB version</b></td> <td><b>SB version</b></td> </tr> <tr> <td>FireProtect 2 RB (CO) Jeweller</td> <td>FireProtect 2 SB (CO) Jeweller</td> </tr> <tr> <td>SmartBracket mounting panel</td> <td>SmartBracket mounting panel</td> </tr> <tr> <td>Installation kit</td> <td>Installation kit</td> </tr> <tr> <td>2 × CR123A battery (pre-installed)</td> <td>Quick start guide</td> </tr> <tr> <td>Quick start guide</td> <td></td> </tr> </table>		<b>RB version</b>	<b>SB version</b>	FireProtect 2 RB (CO) Jeweller	FireProtect 2 SB (CO) Jeweller	SmartBracket mounting panel	SmartBracket mounting panel	Installation kit	Installation kit	2 × CR123A battery (pre-installed)	Quick start guide	Quick start guide	
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For detailed information, scan the QR code or follow the link:



RB version  
[ajax.systems/support/  
devices/fireprotect-2-rb-co](https://ajax.systems/support/devices/fireprotect-2-rb-co)



SB version  
[ajax.systems/support/  
devices/fireprotect-2-sb-co](https://ajax.systems/support/devices/fireprotect-2-sb-co)

- ✉ support@ajax.systems
- 📍 @AjaxSystemsSupport\_Bot
- 🌐 ajax.systems