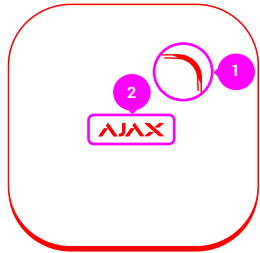Smoke, heat & CO detector
Model Name: **Ajax FireProtect Plus**

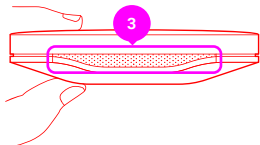Wireless smoke and heat detector with carbon monoxide sensor

FireProtect Plus is a wireless smoke, inflammation and carbon monoxide detector with a buzzer. It is designed for use indoors and can operate up to 4 years from the bundled batteries. FireProtect Plus is connected to the Ajax security system via the protected Jeweller protocol, with an effective communication range of up to 1,300 meters without obstacles. It can work autonomously.

IMPORTANT: This Quick Start Guide contains general information about the FireProtect Plus. Before using the device, we recommend to reviewing the User Manual on the website: ajax.systems/support/devices/fireprotectplus
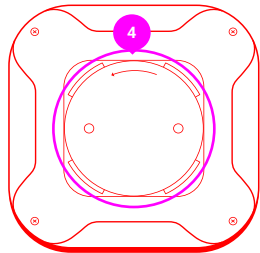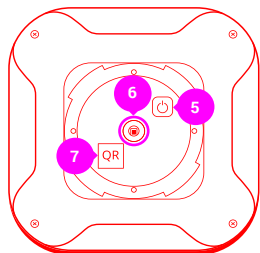
FUNCTIONAL ELEMENTS

"Test".
1 - Siren hole.

2 - Light indicator combined with the touch button "Test".

3 - Smoke chamber window.

4 - SmartBracket attachment panel.

5 - On/off button.
6 - Tamper button.
7 - QR code.

FUNCTIONAL ELEMENTS

To switch on the detector - press the On/off button for 3 seconds. The device is switched off in the same manner.

To switch off the siren sound, press on the logo or eliminate the cause of the actuated alarm.

LOCATION SELECTION

When selecting a FireProtect Plus installation location, take into account the device remoteness from the Hub and presence of any objects hindering the radio signal transmission.

The detector should be installed at the ceiling in the highest point where hot air and smoke will concentrate.

Do not install the detector:

1. Outside the premises (outdoors).

2. In places with fast air circulation (near a ceiling fan, air conditioner, air exhaust, open doors and windows).

3. Nearby any metal objects and mirrors causing radio signal attenuation or screening it.

4. In room with the humidity exceeding the allowable value.

Prior to the attachment of the detector to a surface with screws, please perform signal level test in the Ajax Security System application for at least a minute. This will demonstrate communication quality between the detector and the hub and ensures proper installation place selection.

Lights with interruptions once every 1.5 seconds		Excellent signal level
Blinks 5 times per second		Good signal level
Blinks 2 times per second		Bad signal level
Lights up for a short time once every 1.5 seconds		No signal

Prior to installing FireProtect Plus, check the smoke detector. Switch on the device and press the touch "Test" button (logo) up to 6 seconds - the detector will test the smoke chamber with electronic simulation of smoke presence and in case of successful test will switch on the siren for 5 seconds. If you didn't hear the sound - do not use the detector.

COMPLETE SET

1. FireProtect Plus.
2. Batteries CR2 (pre-installed) - 2 pcs.
3. Battery CR2032 (pre-installed) - 1 pcs.
4. Installation kit.
5. Quick Start Guide.

CONNECTING AND SETTING UP

The detector is connected to the Hub and set up via the Ajax Security System mobile application. To establish connection please locate the detector and the Hub within the communication range and follow the device adding procedure.

To connect the detector to a third party security central unit using the Ajax uartBridge or Ajax ocBridge Plus integration module, follow the recommendations in the user manual of the respective device.

You can disable actuation of the alarm in the FireProtect Plus settings in case of the exceeded temperature threshold (above 60°C) and fast temperature increase in the room.

If several FireProtect and/or FireProtect Plus sensors are installed on the object (with firmware versions 3.42 and higher), you could enable interconnect in the Ajax Hub settings. This function enables simultaneous activation the fire detectors buzzers when a fire, smoke or dangerous CO concentration is detected by one of them.

MOUNTING THE DEVICE

1. Fix the SmartBracket panel on the surface using the bundled screws or other no less reliable attachment hardware.

2. Put the detector on the panel - single blink of the indicator will confirm that the tamper has been actuated. Turn the detector clockwise to fix it in SmartBracket.

AUTONOMOUS USE

The FireProtect Plus detector can be used autonomously, without connecting to a security system.

1. Switch on the detector and test the smoke chamber.

2. Determine the optimal location.

3. Install FireProtect Plus on the surface.

In case of the autonomous use, the detector will notify of the detected fire, smoke, carbon monoxide, as well as any events insistent for the user with a sound signal and light of the logo. For more information, please see the User Manual.

IMPORTANT INFORMATION

This product can be used across all EU member states.

This device in compliance with the essential requirements and other relevant provisions of Directive 2014/53/EU. All essential radio test suites have been carried out.

CE   CAUTION: RISK OF EXPLOSION IF BATTERY IS REPLACED BY AN INCORRECT TYPE. DISPOSE OF USED BATTERIES ACCORDING TO THE INSTRUCTIONS

TECH SPECS

Sensitive elements	Photoelectric sensor, CO sensor, thermocouple
Sound notification volume	85 dB at a distance of 1 m
Alarm threshold at the temperature	60°C
Anti-tamper switch	Yes
Frequency band	868.0-868.6 mHz
Maximum RF output power	Up to 20 mW
Modulation	FM
Radio signal	Up to 1,300 m (any obstacles absent)
Power supply	2 x CR2 (main batteries), CR2032 (backup battery), 3 V
Battery life	Up to 4 years
Operating temperature range	From 0°C to +65°C
Operating humidity	Up to 80%
Overall dimensions	132 x 132 x 31 mm
Weight	216 g

WARRANTY

Warranty for the Ajax Systems Inc. devices is valid for 2 years after the purchase and does not apply to the supplied battery. If the device does not work correctly, you should first contact the support service—in half of the cases, technical issues can be solved remotely!

The full text of the warranty is available on the website:
ajax.systems/warranty

User Agreement:
ajax.systems/end-user-agreement

Technical support:
support@ajax.systems