

FireProtect 2 RB (Heat) Jeweller User manual

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FireProtect 2 RB (Heat) Jeweller is a wireless fire detector with a built-in siren. Designed for indoor installation. Detects temperature rise.



A list of compatible hubs and range extenders is [available here](#).

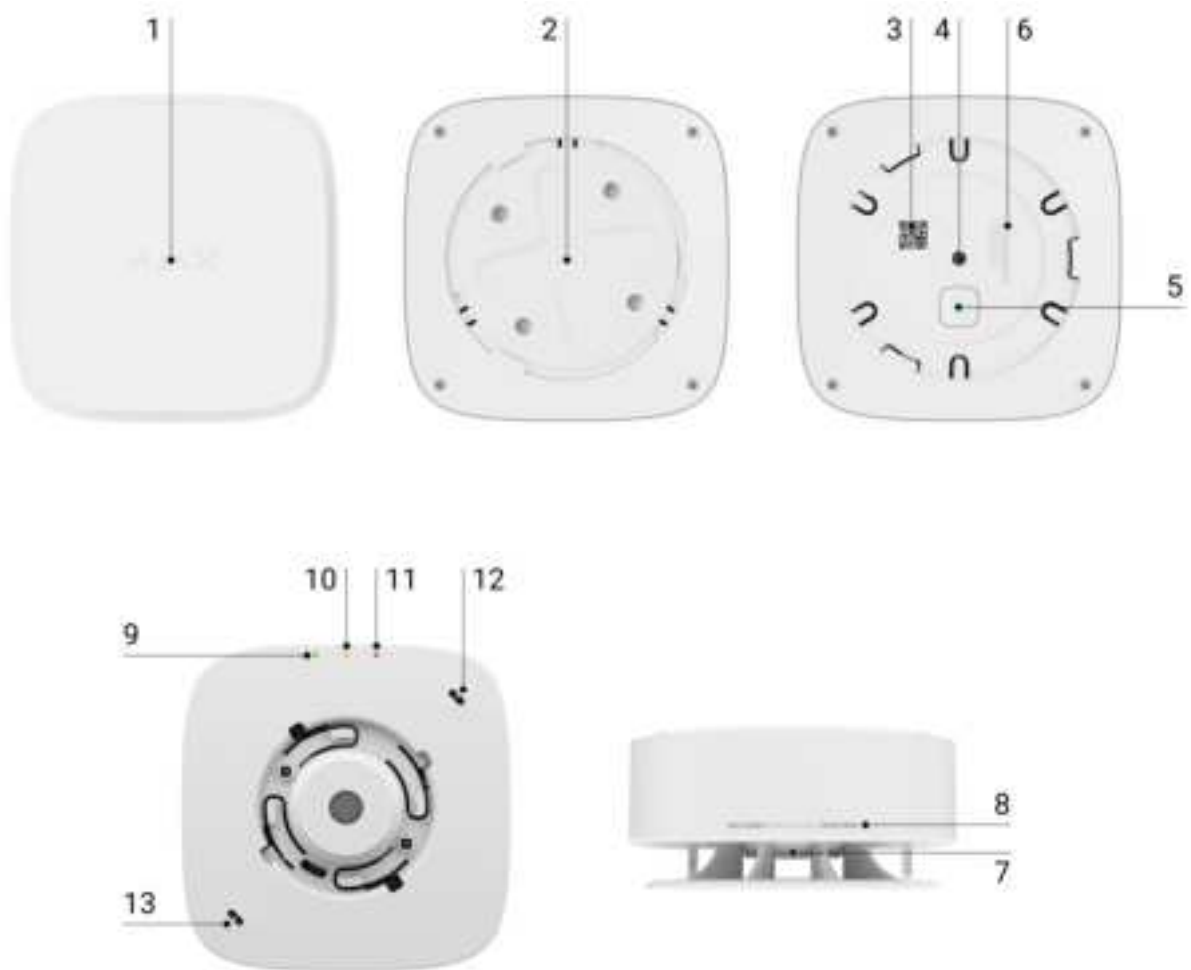
The detector operates as part of the Ajax security system, communicating with the hub via the [Jeweller](#) secure radio protocol. The hub communication range is up to 1,700 meters without obstacles.

[Buy FireProtect 2 RB \(Heat\)](#)



Versions of the detector with other sensor combinations are also available. All Ajax fire detectors are [available here](#).

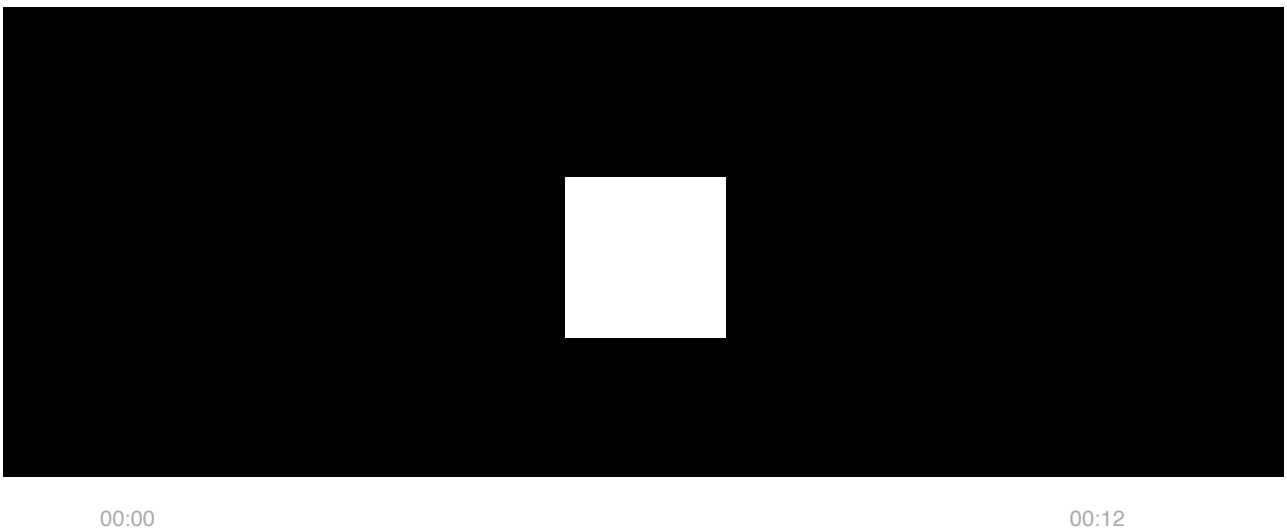
Functional elements



1. Detector front panel with Test/Mute button. To activate the button, press the center of the panel.
2. SmartBracket mounting panel. To remove the panel, turn it counterclockwise.
3. Device QR code and ID (serial number). It is used to add the detector to the Ajax security system.
4. Tamper button. Triggers when an attempt is made to detach the detector from the surface or remove it from the mounting panel.
5. Power button.
6. Detector certification information.
7. Siren.
8. Information about the detector's end of life date.

- 9. Green LED indicator.
- 10. Yellow LED indicator.
- 11. Red LED indicator.
- 12. First thermistor. Detects dangerous temperatures.
- 13. Second thermistor. Detects dangerous temperatures.

Operating principle



FireProtect 2 RB (Heat) is a wireless fire detector designed for indoor installation. Operates for up to 7 years from pre-installed batteries. When the batteries are discharged, they can be replaced with new ones.

The detector is equipped with a siren (piezoelectric buzzer) for audible notification of alarms and events with a volume of up to 85 dB (at a distance of 3 m from the detector). The detector is always active and reacts to a fire 24/7, regardless of the system's security mode.

FireProtect 2 is protected by tamper. The tamper controls the removal of the detector from the SmartBracket mounting panel: the detector reacts with LED indication and sends notifications to users in Ajax apps and the security company monitoring station.

Ajax automation devices respond to FireProtect 2 alarms and perform user-defined actions using automation scenarios. For example, the WallSwitch relay can turn on the ventilation system and emergency lighting when an alarm occurs.

Operation without a hub

FireProtect 2 can be used without connecting to the Ajax hub. All you need is to install the detector following this manual, and turn it on.

In case of autonomous operation, the detector notifies of fire with a built-in siren and LED indication only and does not send notifications to the user's smartphone, Ajax Translator, or PRO Desktop. In this case, the Interconnected Fire Detectors Alarms feature is not available.

Temperature sensor

Two built-in thermistors of A1 class detect a rapid rise and exceeding the temperature threshold in FireProtect 2. This class of thermistors notifies of alarm when a rapid temperature rise or static temperature is detected in the range of +54°C to +65°C.

The thermistors are mounted outside under the front panel of the detector. This allows you to respond to threats faster than when the sensors are inside the detector enclosure.

FireProtect 2 reports that the temperature threshold has been exceeded as soon as its value exceeds +64°C. The detector reports a rapid temperature rise if the indicator increases by 10°C within one minute. If the temperature indicator rises sharply by 20°C or more, the detector alerts immediately.

Test/Mute button

The Test/Mute button is located under the front panel of the detector. This is a mechanical button. To activate it, press lightly on the central part of the front panel with your hand or a suitable item if the detector is in a hard-to-reach place. For example, you can do this with a mop handle.

The button performs several functions:

- In normal mode, it starts the detector self-test.

- In case of an alarm, it mutes the detector alarm or [Interconnected Alarm](#) of all fire detectors in the system.

Interconnected Fire Detectors Alarms

All fire detectors of the FireProtect 2 product line support the Interconnected Alarm feature. This function activates the built-in sirens of all fire detectors in the system as soon as at least one of the fire detectors detects an alarm. Sirens of FireProtect 2 detectors are activated within 20 seconds after an alarm is detected. [FireProtect](#) and [FireProtect Plus](#) are activated over a detector ping interval set in the Jeweller (or Jeweller/Fibra) settings, but no later than 60 seconds after.

FireProtect 2 detectors have different sound and LED indications of alarm types to make it easier for users to distinguish between them. In case of interconnected alarm, FireProtect 2 detectors indicate exactly the alarm type detected by the initiating detector. The initiating detector additionally indicates the alarm by LED. Instead, FireProtect and FireProtect Plus detectors notify all types of alarms with the same sound.

[How to set Interconnected Fire Detectors Alarms](#)

[How to mute Interconnected Fire Detectors Alarms](#)

Sending events to the monitoring station

The Ajax security system can transmit events and alarms to the [PRO Desktop](#) monitoring app as well as the Central Monitoring Station (CMS) via **SurGard (Contact ID)**, **SIA DC-09 (ADM-CID)**, **ADEMCO 685**, and other protocols. The list of supported protocols is [available here](#).

[Which CMSs Ajax connects to](#)

Addressability of Ajax devices allows you to send not only events but also the type of the device, the name, virtual room, and security group assigned to it to the PRO Desktop and to the CMS. The list of transmitted parameters may differ depending on the type of the CMS and the selected communication protocol.



The ID and detector loop (zone) number are available in the detector [States](#).

Adding to the system

Before adding a device

1. Install the [Ajax app](#).
2. [Create an account](#) if you don't have one.
3. Add a [hub compatible with the detector](#) to your app. Set the required settings and create at least one [virtual room](#).
4. Make sure that the hub is on and has Internet access via Ethernet, Wi-Fi, and/or mobile network. You can do this in the Ajax app or by looking at the LED indicator of the hub: it should light up white or green.
5. Make sure that the hub does not start updates and that it is disarmed by checking the status in the Ajax app.



A [PRO or a user with system setup rights](#) can connect the device to the hub.

To connect to the hub, the detector should be within the coverage area of the hub radio network. To operate via a [radio signal range extender](#) first connect the detector to the hub and then to the range extender. You can do this in the range extender settings in Ajax apps.

How to connect FireProtect 2 to a hub

1. Open the [Ajax app](#).
2. Select the hub if you have several of them or if you are using the [Ajax PRO app](#).
3. Go to the **Devices**  tab. Press **Add Device**.
4. Enter the name of the device.

5. Scan the QR code or enter the ID manually. QR code is located on the rear part of the enclosure (under the mounting panel) and on the device packaging. The device ID can be found below the QR code.
6. Select the virtual room and security group (if the group mode is enabled).
7. Click **Add**; the countdown will begin.



If the maximum number of devices is added to the hub, when you add the device, you will get a notification about exceeding the device limit. The number of devices that you can connect to the hub depends on the central unit model.

8. Turn on the detector by holding the power button for 3 seconds. The hub connection request is sent only if the detector is enabled. If the detector fails to connect to the hub, try again in 5 seconds.



The detector cannot connect to the hub if they operate on different radio frequencies. The radio frequency range of the devices depends on the region of sale. Please contact technical support for information on the operating frequency range of your devices.

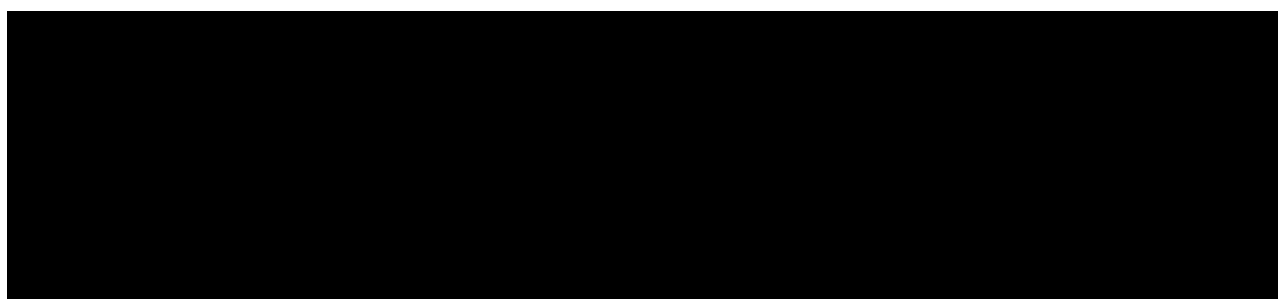
Once connected, FireProtect 2 will appear in the hub device list in the Ajax app. Device status update depends on the ping interval set in the **Jeweller** or **Jeweller/Fibra** settings. The default value is 36 seconds.

FireProtect 2 works with only one hub. When connected to a new hub, the detector stops transmitting data to the old hub. Once added to a new hub, FireProtect 2 is not removed from the list of devices of the old hub. This must be done manually in the Ajax app.

Indication

00:00

00:06



LED indication	Sound indication	Event	Notes
The red LED blinks continuously.	The siren sounds in time with the LED indication.	Alarm by: • rapid temperature rise; • temperature threshold exceeding.	The detector stops alarming as soon as its sources are eliminated. Also, you can mute the alarm by pressing the <u>Test/Mute button</u> or in the Ajax app. The LED and sound indications resume if the source of the alarm is still present after the muting timer (10 minutes) has expired.
No.	Short, low tone beep.	Prohibition on alarm muting.	The sound is played after pressing the <u>Test/Mute button</u>. The alarm cannot be muted if the CO level exceeds 300 ppm.
The red LED blinks every 8 seconds.	No.	Muted alarm.	The detector stops alarming as soon as its source is eliminated.
The red LED blinks every 8 seconds.	The siren beeps 3 times every 3	The system has a muted alarm by	The alarm cannot be muted if the CO level

	seconds.	smoke/rapid temperature rise/temperature threshold exceeded, as well as an active alarm by a high CO level exceeding 300 ppm.	exceeds 300 ppm. The LED and sound indication for alarm by smoke/rapid temperature rise/temperature threshold exceeded resumes if the source of the alarm is still present after the muting timer (10 minutes) has expired.
The red LED blinks 2 times in a row.	No.	Restore after alarm.	If the source of the alarm is removed, the detector is restored automatically.
The yellow LED lights up for 1 second.	No.	Tamper alarm. The detector is removed from the SmartBracket mounting panel.	
The green LED lights up for 1 second.	No.	The detector is installed on the SmartBracket mounting panel.	Turns on when the tamper is triggered.
Green, yellow, and red LEDs light up in turn, then go off.	No.	Turning the detector on.	To turn on the detector, hold the power button for 1 second.
Green, yellow, and red LEDs light up at the same time, then go off in reverse order.	No.	Turning the detector off.	To turn off the detector, hold the power button for 2 seconds.
The green LED is permanently on.	No.	Connection to the hub in progress.	The indication turns off after the detector connection to the hub.
The green LED blinks 6 times in a row.	No.	The detector has been removed from the hub.	The indication turns on when the detector receives information that it has been removed from the hub.

The green LED blinks once per minute.	No.	Detector power is OK.	The indication is present when the detector is on and the tamper status is OK (the detector is installed on the SmartBracket mounting panel). There is no indication when the detector switches to the <u>Jeweller Signal Strength Test</u> mode.
The yellow LED blinks 2 times in a row every minute.	The siren beeps in time with the LED indication every minute.	Malfunction detected.	All malfunctions are displayed in the detector <u>states</u> in Ajax apps. Fields with malfunctions are highlighted in red. If the detector needs to be repaired, contact <u>Technical Support</u>.
The yellow LED blinks once per minute.	The siren beeps in time with the LED indication once per minute.	Low battery level.	
The yellow LED constantly blinks.	No.	The battery is completely discharged.	
The red LED blinks 5 times, then blinks 3 more times.	The siren beeps 5 times then beeps 3 more times, but longer.	Performing a self-test.	The test can be started by pressing the <u>Test/Mute button</u> or in the Ajax app in the detector settings.
The yellow LED blinks 3 times in a row every minute.	The siren beeps 3 times every minute.	The device service life has expired.	The device has been operated for more than 10 years. The sensitivity of its

			sensors may have decreased. We recommend replacing this detector with a new one.
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Detector testing

Functionality testing

The test allows you to check the status of the detector's sensors. You can run it in two ways: by pressing the Test/Mute button on the detector or in Ajax apps.



If the detector is in an alarm state, the self-test is not available.

To run the test using the Test/Mute button, press the center of the front panel and hold for 1.5 seconds.

To run the test in the Ajax app:

1. Open the Ajax app.
2. Select the hub if you have several of them or if you are using the [Ajax PRO app](#).
3. Go to the **Devices**  menu.
4. Select **FireProtect 2 (Heat)**.
5. Go to the settings by clicking on the gear icon .
6. Click on the **Device Self-test** field.

After starting the test, the red LED of the detector blinks 5 times in a row and then blinks 3 more times but slower. The detector's siren sounds in time with the

LED indication. When the test is over, users receive a notification about the detector state in Ajax apps.

The detector also notifies about the test result with sound and LED indications. If the test is failed and a malfunction is detected, the detector starts **to indicate a malfunction** 3 seconds after the test is begun: the yellow LED blinks twice, and the siren beeps in time with the LED indication.



The self-test does not start immediately, but no later than 30 seconds after pressing the Test/Mute button or running from the Ajax app.



If no sound and LED indications occurred during the self-test, the detector may not be used. Contact our [Technical Support](#).

Testing at the place of installation

Ajax security system provides several tests to select the correct installation place of devices. **Jeweller Signal Strength Test** is available for FireProtect 2. The test determines the strength and stability of the signal at the intended location of the device.

To run the test in the Ajax app:

1. Select the hub if you have several of them or if you are using the [Ajax PRO app](#).
2. Go to the **Devices**  menu.
3. Select **FireProtect 2 (Heat)**.
4. Go to the settings by clicking on the gear icon .
5. Select **Jeweller Signal Strength Test**.
6. Perform the test following the tips in the app



The test does not start immediately, but the waiting time does not exceed the duration of one detector ping interval. The default value is 36 seconds. You can change the detector

Icons

The icons show some of the detector states. You can view them in Ajax apps in the **Devices**  tab.

Icon	Meaning
	Jeweller signal strength between the detector and the hub or the radio signal range extender. The recommended value is two or three bars. Learn more
	Battery charge level of the device. Learn more
	The Interconnected Fire Detectors Alarm feature is activated. Learn more
	The detector operates in the Always Active mode. The icon is displayed permanently. FireProtect 2 is always active and responds to a fire 24/7, regardless of the system's security mode. Learn more
	The detector operates through a radio signal range extender .
	The detector is temporarily deactivated. Learn more
	The detector has detected a rapid temperature rise.
	The detector has detected that the temperature threshold has been exceeded.
	The detector was removed from the SmartBracket mounting panel, or the enclosure integrity was violated in another way. Check the mounting of the detector.

	The detector's siren plays an alarm sound.
	The detector service life has expired. The device has been operated for more than 10 years. The sensitivity of its sensors may have decreased. We recommend replacing this detector with a new one.
	Malfunction detected. A list of malfunctions is available in the detector states .
	The detector has tamper triggering events temporarily deactivated. Learn more

States

The states include information about the device and its operating parameters. You can see FireProtect 2 (Heat) states in Ajax apps. To access them:

1. Open the Ajax app.
2. Select a hub if you have several of them or if you are using the Ajax PRO app.
3. Go to the **Devices**  tab.
4. Select the device from the list.

Parameter	Meaning
Temperature	Air temperature in the premise where FireProtect 2 is installed. Measured in Celsius or Fahrenheit degrees depending on the app settings. In the normal state, the temperature value is displayed in black.

	When a temperature rise or threshold exceeding is detected, the field highlights red and displays the text High Temperature text.
Jeweller Signal Strength	Jeweller signal strength between FireProtect 2 and the hub or radio signal range extender. The recommended value is two or three bars. Jeweller is a protocol for transmitting FireProtect 2 events and alarms.
Connection via Jeweller	Connection status between FireProtect 2 and the hub or radio signal range extender via Jeweller: • Online — the detector is connected to the hub or radio signal range extender. Normal state. • Offline — no connection between the detector and the hub or radio signal range extender. Check the detector connection.
Battery Charge	The battery power level of the device: • OK — detector batteries have sufficient charge. Normal state. • Battery low — detector batteries are discharged. When the batteries are discharged, users and the CMS receive a notification. After the low battery notification, the detector is able to operate for another month under normal conditions. In case of an alarm, the battery power is enough to ensure 4 minutes of the sound and LED indication operation. <u>How the battery charge is displayed</u> <u>Battery life calculator</u>
Lid	The status of the detector`s tamper that responds to detachment of the device from the surface or opening of the enclosure:

	• Open — the detector is removed from the SmartBracket mounting panel, or the enclosure integrity is violated in another way. Check the mounting of the detector. • Closed — the detector is installed on the SmartBracket mounting panel. The integrity of the device enclosure and the mounting panel is not violated. Normal state. Learn more
Temperature Threshold Exceeded	Alarm state if temperature threshold is exceeded: • No — normal state, the detector does not detect a temperature threshold exceeding. • Alarm — the detector has detected a temperature threshold exceeding. If a temperature threshold exceeding is detected, the text field highlights red. Learn more
Rapid Temperature Rise	Alarm by rapid temperature rise: • No — normal state, the detector does not detect a rapid temperature rise. • Alarm — the detector has detected a rapid temperature rise. If a rapid temperature rise is detected, the text field highlights red. Learn more
Temporary Deactivation	Shows the status of the device temporary deactivation function: • No — the device operates in normal mode. • Lid only — detector's tamper triggering notifications are disabled.

	• Entirely — the detector does not execute system commands, does not participate in automation scenarios, and does not send notifications of alarms, malfunctions, and other events to the CMS and system users. In this case, the detector will continue to operate autonomously and indicate alarms using the built-in siren. Learn more
Firmware	FireProtect 2 firmware version.
Device ID	ID (serial number) of FireProtect 2. Also available on the detector's enclosure (under the mounting panel) below the QR code and on the packaging box.
Device No.	The number of FireProtect 2 loop (zone). Events are sent to the CMS from this number.

Settings

To change FireProtect 2 RB (Heat) settings in the Ajax app:

1. Open the Ajax app.
2. Select the hub if you have several of them or if you are using the [Ajax PRO app](#).
3. Go to the **Devices**  tab.
4. Select the device from the list.
5. Go to **Settings** by clicking on the gear icon .
6. Set the required settings.
7. Click **Back** to save the settings.

Settings	Meaning
Name	Detector name. Displayed in the list of hub devices, text of SMS and notifications in the

	events feed. To change the name, click on the text field. The name can contain up to 12 Cyrillic characters or up to 24 Latin characters.
Room	Selecting the virtual room to which FireProtect 2 is assigned. The room name is displayed in the SMS text and notifications of the events feed. To change the room, click on the field.
Alert with a siren	
If the temperature threshold is exceeded	When this option is enabled, the <u>Ajax sirens</u> connected to the system are activated when the detector detects a temperature threshold exceeding.
If rapid temperature rise detected	When the option is enabled, the <u>Ajax sirens</u> connected to the system are activated when the detector detects a rapid temperature rise.
Jeweller Signal Strength Test	Switches the detector to the Jeweller signal strength test mode. The test helps to determine the optimal place for installing FireProtect 2. The test shows the signal strength between the detector and the hub or radio signal range extender via the Jeweller wireless data transfer protocol. The recommended value is two or three divisions. <u>Learn more</u>
Device Self-test	Runs a detector self-test. <u>Learn more</u>
User Guide	Opens FireProtect 2 User Manual in the Ajax app.
Temporary Deactivation	Allows to temporarily deactivate the device without removing it from the system. Three

	options are available: • No — the device operates in normal mode. • Lid only — detector's tamper triggering notifications are disabled. • Entirely — the detector does not execute system commands, does not participate in automation scenarios, and does not send notifications of alarms, malfunctions, and other events to the CMS and system users. In this case, the detector will continue to operate autonomously and indicate alarms using the built-in siren. Learn more
Delete device	Unpairs FireProtect 2 from the hub and deletes its settings.

Selection of installation place



The detector is designed for indoor installation only.

The coverage area of one FireProtect 2 RB (Heat) is 50 to 60 m², depending on the type of premises.

The detector is suitable for installation in premises where the generation of gases/vapours/smoke is part of the operating process. For example, in a garage, kitchen, boiler house or boiler room. The detector is placed in the center of the ceiling at a distance of 30 cm from light fixtures, chandeliers, or any other decorative objects that may interfere with alarm detection.

If there are beams on the ceiling protruding 30 cm or more, the detector should be installed between every two beams. If the beams protrude by less than 30 cm, installation on a beam in the central part of the ceiling is allowed.

In halls or narrow corridors, detectors should be installed at a distance of no more than 7.5 m from each other.

If the ceiling is sloping, the detector is installed at a distance of 60 cm from the top point of the ceiling. To select an installation place, draw a straight line down from the top of the ceiling. Then, draw a perpendicular from this line to the sloping part of the ceiling. The detector is installed at this point.



We do not recommend mounting the detector on a wall. This installation is acceptable if closely spaced beams or other obstacles interfere with the installation of the detector. Wall mounting is possible only if the detector is placed at a distance of 15–30 cm below the ceiling but above the doorways.

When choosing the location of the detector, consider the parameters that affect its operation:

- Jeweller signal strength.
- Distance between the detector and the hub.
- Presence of barriers for radio signal passage between devices: walls, interfloor ceilings, large objects located in the room.

Consider the placement recommendations when designing the project of Ajax security system for the object. The security system must be designed and installed by specialists. The list of recommended Ajax partners is [available here](#).

Signal strength

The Jeweller signal strength is determined by the ratio of the number of undelivered/corrupted data packets that are exchanged between the hub and the detector to expected ones within a certain period of time. Signal strength is indicated by the icon  on the **Devices**  tab:

- **Three bars** — excellent signal strength.
- **Two bars** — good signal strength.
- **One bar** — low signal strength; stable operation is not guaranteed.
- **Crossed out icon** — no signal; stable operation is not guaranteed.

Check the Jeweller signal strength at the installation site. If the signal strength is as low as one or zero bars, we cannot guarantee stable operation of the device. In this case, move the device. Repositioning even by 20 cm can significantly improve the signal reception.

If after relocation the detector still has a low or unstable signal strength, use a [radio signal range extender](#).

Do not install the detector

1. Outdoors. This can lead to the detector failure.
2. In places with low or unstable Jeweller signal strength. This can result in the connection loss.
3. Inside premises with temperature and humidity outside the permissible limits. This could damage the detector.
4. In places with fast air circulation. For example, near fans, vents, open windows, or doors. This may interfere with fire detection.
5. Opposite any objects with rapidly changing temperature. For example, electric and gas heaters. This can lead to false alarms.
6. In the corners of the room. This may interfere with fire detection.
7. In bathrooms, showers, or other areas where the temperature changes rapidly. This can lead to false alarms.

8. Near lighting fixtures, decorations, and other interior items that may interfere with the circulation of air in the room. This may interfere with fire detection.
9. On surfaces that are usually warmer or colder than the rest of the premise. For example, roof traps. Temperature fluctuations can interfere with fire detection.
10. In high or inconvenient places. Access to the Test/Mute button is required to mute the alarm and test the detector if it's used without connection to a hub.

Installation



Make sure that you have selected the optimal installation place, and it complies with the requirements of this manual.

To install the detector:

1. Remove the SmartBracket mounting panel from the detector. To remove the panel, turn it counterclockwise.
2. Fix the SmartBracket panel to a surface using double-sided adhesive tape or another temporary fastener. The mounting panel has the UP sign, which indicates the correct position.



Use double-sided adhesive tape for temporary fixation only. The device fixed by the adhesive tape can peel off the surface at any time, which can lead to damage if the device is dropped.

3. Run the Jeweller Signal Strength Test. The recommended value is two or three bars.

If the signal strength is a single bar or lower, we cannot guarantee the stable operation of the detector. Consider to relocate the device as repositioning even by 20 cm can significantly improve the signal strength. If there is still low or unstable signal after the relocation, use a radio signal range extender.

4. Remove the detector from the mounting panel.
5. Attach the SmartBracket panel with the bundled screws using all fixation points. When using other fasteners, make sure they do not damage or deform the mounting panel.
6. Place the detector on the SmartBracket mounting panel.
7. Adjust the position of the detector, if it is necessary.



It is necessary to perform a Self-test after the installation is finished.

Malfunctions



If FireProtect 2 malfunction is detected (for example, there is no connection with the hub), the malfunction counter is displayed in the device field in the Ajax apps.

All malfunctions are displayed in the detector States. Fields with malfunctions will be highlighted in red.

The device can report malfunctions to the CMS, as well as to users through push notifications and SMS.

FireProtect 2 (Heat) malfunctions:

- There is no connection with the hub or radio signal range extender.
- The detector's enclosure is open.
- Low battery charge level.
- The device service life has expired.
- Hardware malfunction (failure of one or more sensors of the detector).

Maintenance

The detector has a self-test system and does not require the user or installer intervention. We recommend to periodically run a self-test to familiarize people with the alarm sound and LED indication.

Clean the detector enclosure of dust, cobwebs, and other contaminants as they emerge. Use a soft dry cloth suitable for equipment care. Do not use substances that contain alcohol, acetone, gasoline, and other active solvents.

The service life of the detector is 10 years. After this period, the sensitivity of the sensors decreases. We recommend replacing the detector with a new one to ensure uninterrupted fire protection at the premises.

The detector operates with the pre-installed batteries for up to 7 years. When the batteries are discharged, replace them with new ones.



Ensure the batteries are installed with the correct polarity. The polarity is marked inside the enclosure. Please run a **self-test** with Ajax apps or by pressing the **Test/Mute button** after the batteries are replaced to check the correct operation of the detector.

Technical specifications

All technical specifications of FireProtect 2 (Heat)

Compliance with standards

Complete set

1. FireProtect 2 RB (Heat) Jeweller.
2. SmartBracket mounting panel.
3. Installation kit.
4. 2 x CR123A batteries (pre-installed).
5. Quick Start Guide.

Warranty

Warranty for the Limited Liability Company “Ajax Systems Manufacturing” products is valid for 2 years after the purchase.

If the device does not function correctly, please contact the Ajax Technical Support first. In most cases, technical issues can be resolved remotely.

Warranty obligations

User Agreement

Contact Technical Support:

- email
- Telegram

Subscribe to the newsletter about safe life. No spam

Email

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