

Superior HomeSiren G3 Jeweller user manual

Updated March 9, 2026



Superior HomeSiren G3 Jeweller is a wireless siren with advanced sabotage protection and an LED connector. It notifies users of events and alarms via an LED indicator and an audible signal with a volume of up to 105 dB. The device is designed for indoor use only.

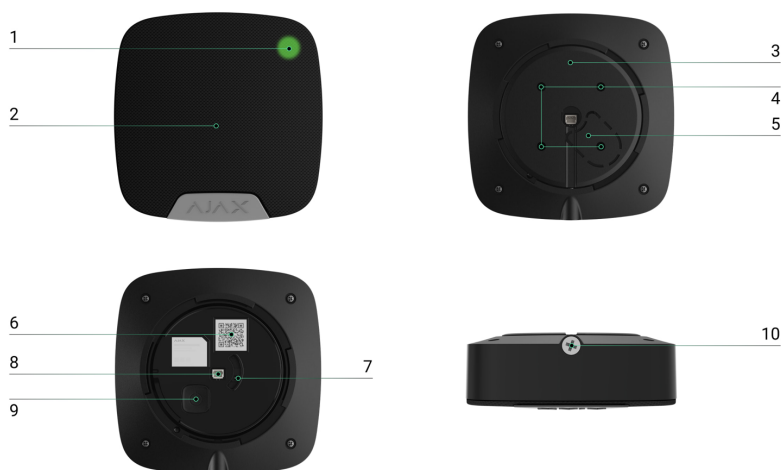
The siren operates in an Ajax system and exchanges data with the hub via the secure Jeweller radio protocol.

Superior HomeSiren G3 Jeweller is a device of the Superior product line. Only accredited Ajax Systems partners can sell, install, and maintain Superior products.



[Buy Superior HomeSiren G3 Jeweller](#)

Functional elements



1. LED indicator.
2. Siren buzzer covered with fabric.
3. SmartBracket mounting panel. To remove the panel, unscrew the holding screw and turn the panel counterclockwise.
4. Holes to attach SmartBracket to the surface.
5. Perforated part of the mounting panel. It activates a tamper alarm if there is any

attempt to detach the device from the surface. Do not break it off.

6. QR code with the device ID. It is used to add the device to the hub.
7. Tamper button.
8. Connector for an external LED indicator.
9. Power button.
10. Holding screw to secure the siren to SmartBracket.

Compatible hubs and range extenders

The device requires an Ajax hub running OS Malevich 2.35 or later.



[Check device compatibility](#)

Operating principle



The device is equipped with a loud buzzer, which allows the siren sound to be heard from a distance. If the siren is installed correctly, it will be difficult for an intruder to dismantle and deactivate the triggered siren. Superior HomeSiren G3 Jeweller has an autonomous power supply and a robust enclosure with a holding screw used for securing the device. The power button is blocked when the system is armed.

The siren performs four tasks:

- 1. Informing about an alarm.** The siren responds to tamper and system alarms. It is loud enough to scare away intruders and attract the neighbors' attention.
- 2. Indicating the security state.** The siren uses LED indication to show that the facility is armed and an audible signal to inform about entry/exit delays. These features can be helpful if you control the system via key fobs or keypads: the siren reminds you to disarm the system when you enter the facility.
- 3. Chime.** Sirens inform you with a special sound that opening detectors are triggered

and the DoorBell button is pressed when the system is disarmed. The feature is used, for example, in stores to notify employees that customers have entered.

- 4. Notifying about triggering until the system is disarmed.** The siren's built-in LED and an external LED (if connected) flash after the audible signal is emitted. Thanks to this feature, users and passing security patrols can see that the siren was activated.

Superior HomeSiren G3 Jeweller is a next-generation siren that uses an advanced alarm propagation algorithm. This algorithm allows adding any number of such sirens to the system. The only limitation is the total number of devices that a specific hub supports. The limitation "*it is possible to add up to 10 sirens to one hub*" does not apply to the next-generation sirens.

Superior Jeweller data transfer protocol

Superior Jeweller is an upgraded radio protocol for Superior devices that ensures compliance with EN 50131 (**Grade 3**). It features advanced encryption and frequency hopping. Full frequency hopping is available only when all devices in the system use Superior Jeweller. If at least one device operates via the regular Jeweller protocol, the system will be limited to

Grade 2: encryption remains, but frequency hopping is disabled. Superior devices can also operate via the regular Jeweller protocol, depending on the hub.



[Learn more](#)

Advanced encrypted communication

The communication between Superior HomeSiren G3 Jeweller and the hub is protected by an advanced encryption scheme that ensures data confidentiality and integrity. This means that all sensitive data in the message is encrypted, and each message includes a unique authentication tag allowing the system to check that the data has not been modified during transmission. The system can reliably detect tampering and reject forged or altered messages, providing robust protection against both passive and active attacks. This ensures secure communication between the device and the hub, as well as reliable system and data protection.

Jamming detection

Superior HomeSiren G3 Jeweller features a radio

interference detection algorithm. When there is a potential jamming attempt, the algorithm detects a sudden increase or decrease in the noise level. It takes into account not only the amplitude of the noise but also its duration. This helps to distinguish between short, temporary disruptions caused by environmental conditions and sustained interference resulting from intentional jamming.

When Superior HomeSiren G3 Jeweller detects a potential jamming signal, it initiates signal analysis to confirm jamming. If jamming is confirmed, the siren activates an alarm.

When the **Radio interference detection** feature is enabled, the monitoring company and users will receive a notification of a sabotage attempt, and the siren sound will scare away intruders.

Frequency hopping

To comply with the Grade 3 requirements, Superior HomeSiren G3 Jeweller uses **frequency hopping** for radio communication with the hub (or the radio signal range extender). With this method, the hub and devices added to it change their operating frequency according to a defined pattern. The hopping sequence covers a defined set of channels within the operating bands, and devices switch frequencies synchronously with the hub. Even if some channels are affected by

jamming, messages can be transmitted successfully via other channels. Frequency hopping improves the system's reliability and performance and ensures its resistance to intentional interference and jamming attempts.

Frequency hopping does not cause delays or pauses in radio communication and does not reduce the data transfer speed. If range extenders are added to the system, the frequency hopping is used for all radio communications: "device ↔ range extender" and "range extender ↔ hub".



The system uses frequency hopping for radio communication only if all wireless devices support this method.

If at least one device added to the system does not support frequency hopping, the hub and all devices switch to the operating frequencies of that device and do not use frequency hopping for radio communication.



[Learn more about jamming](#)

Sending events to the monitoring station

An Ajax system can transmit alarms to the Ajax PRO Desktop monitoring app and the central

monitoring station (CMS) in the formats of **SurGard (Contact ID), SIA (DC-09), ADEMCO 685**, and other protocols.

Superior HomeSiren G3 Jeweller can transmit the following events:

1. Tamper alarm / tamper button recovery.
2. Loss and restoration of connection with the hub (or the radio signal range extender).
3. Permanent siren deactivation/activation.
4. One-time siren deactivation/activation.
5. Turning the siren off/on.

When an alarm is received, the monitoring station operator knows what has happened and where to dispatch a rapid response unit. Ajax device addressability allows the system to send events to **Ajax PRO Desktop** and the monitoring station with the specified device type, name, security group, and virtual room. The list of transmitted parameters may vary depending on the monitoring software and the selected communication protocol.



You can find the device ID and loop (zone) number in the device states

Selecting the installation site



When choosing where to place Superior HomeSiren G3 Jeweller, consider the parameters that affect its operation:

- Jeweller signal strength.
- Obstacles that may interfere with radio signal and sound transmission, such as walls, interfloor ceilings, and large objects on the premises.

Consider the recommendations for placement when developing a project for the security system of the facility. Only a specialist can design and install the system. A list of recommended partners is available here.

Recommended installation height is 2.5 m or more. This will make it more difficult for intruders to access the device.

Signal strength

The Jeweller signal strength is determined by the number of undelivered or corrupted data packets over a certain period of time. The  icon in the **Devices**  tab in Ajax apps indicates the signal strength:

- **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.



Check the Jeweller signal strength before final installation. With a signal strength of one or zero bars, we do not guarantee the device's stable operation. Consider relocating the device, as repositioning even by 20 cm can significantly improve the signal strength. If the signal is still poor or unstable after relocation, use a [radio signal range extender](#)

Refer to the [Functionality testing](#) section to learn how to run the Jeweller signal strength test.



[What is Jeweller signal strength test](#)

Where not to install the device

1. Outdoors. This may cause the siren to malfunction.
2. In places with temperature and humidity beyond the permissible limits. This may damage the device.

3. In places where an audible signal may be attenuated, such as inside furniture, behind thick curtains, etc.
4. Near metal objects and mirrors. They may shield and attenuate the radio signal.
5. Near glass break detectors. The siren sound may trigger an alarm.
6. Closer than 1 m to the hub (or the radio signal range extender).
7. In places with low or unstable Jeweller signal strength.

Installation



Before installing Superior HomeSiren G3 Jeweller, ensure that you have chosen the optimal location that complies with the manual requirements.

To install the device:

1. Unscrew the holding screw at the bottom of the siren. Then, remove the SmartBracket mounting panel from the device.



If you plan to connect an external LED, refer to the [Connecting an external LED](#) section for more information.

2. [Add the device to the system.](#)
3. Temporarily secure the SmartBracket panel using double-sided adhesive tape or other temporary fasteners.



Double-sided adhesive tape should only be used for temporary installation. The device attached with the tape may come unstuck at any time. As long as the device is secured with the double-sided adhesive tape, the tamper button will not be triggered when the device is detached from the surface.

4. Place the siren on the SmartBracket mounting panel. The device LED indicator will start flashing, indicating that the device enclosure is closed.
5. Perform [functionality testing.](#)

6. If the tests are successful, remove the siren from SmartBracket.
7. Secure the SmartBracket panel to the surface with bundled screws. Use all fixing points.



If you use other fasteners, ensure they do not damage or deform the panel.

8. Place the siren on SmartBracket.
9. Tighten the holding screw on the bottom of the siren enclosure. The screw is needed for more reliable fastening and to protect the siren from quick dismantling.



Connecting an external LED

You can connect an external LED to Superior HomeSiren G3 Jeweller. This indicator works in parallel with the device's built-in LED and fully replicates its signals.

To connect, use the connector on the rear side of the siren enclosure. Observe the polarity when

connecting: the black terminal wire is the “+” contact.

The output power supply is 3 V_{DC}, 10 mA.

To connect an external LED:

1. Remove the siren from the mounting panel if it has already been installed.
2. Route the external LED cable into the Superior HomeSiren G3 Jeweller enclosure.
3. Connect the external LED to Superior HomeSiren G3 Jeweller using the provided connector.



4. Check the operation of the connected external LED.
5. Install the siren on the surface according to **steps 3–9** described in the [Installation](#) section.

Adding to the system



The hub and the device operating at different radio frequencies are incompatible. The device's radio frequency range may vary by region. We recommend purchasing and using Ajax devices in the same region. The [technical support service](#) can help you check the operating frequency range.

[Check the device compatibility](#) before adding the siren to the system. Superior HomeSiren G3 Jeweller is a device of the [Superior product line](#). Only accredited Ajax Systems partners can sell, install, and maintain Superior products.


[Types of accounts and their rights](#)

Before adding a device

1. Install an [Ajax PRO app](#).
2. Log in to a [PRO account](#) or create a new one.
3. Select a [space](#) or create a new one.
4. Add at least one [virtual room](#).
5. Add a [compatible hub](#) to the space. Ensure the hub is switched on and has internet access via Ethernet, Wi-Fi, and/or mobile network.
6. Check the states in the Ajax app to ensure

the space is disarmed and the hub is not starting an update.

Adding to the hub

1. Open an [Ajax PRO app](#). Select a [space](#) to which you want to add the device.
2. Go to the **Devices**  tab and tap **Add device**.
3. Assign a name to the device.
4. Scan a QR code or enter the device ID manually. The QR code with the device ID is placed on the device enclosure. Also, it is duplicated on the device packaging.



5. Select a virtual room and a security group (if [Group mode](#) is enabled).
6. Tap **Add**, and the countdown will begin.
7. Switch on the device by holding the power button for 3 seconds.



If the connection fails, try again in 5 seconds. If the maximum number of devices has already been added to the hub, the system will send an error notification when you try to add more.

Once added to the hub, the device will appear in the list of hub devices in the Ajax app. The interval for updating device states in the list depends on the **Jeweller** or **Jeweller/Fibra** settings and is 36 seconds by default.



Superior HomeSiren G3 Jeweller works with only one hub. When the siren is added to a new hub, it stops sending events to the old one. However, the siren remains in the old hub device list and must be removed manually in the Ajax app.

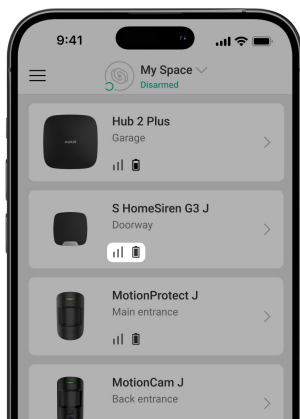
Functionality testing


An Ajax system provides several tests to help you select the correct installation place for the devices. For Superior HomeSiren G3 Jeweller,





the following tests are available:









- **Jeweller signal strength test** – to determine the signal strength and stability between the hub (or the radio signal range extender) and the device via the wireless Jeweller data transfer protocol at the installation site.
- **Volume test** – to check the current volume level of the siren and choose the optimal volume level for the secured facility.
- **Signal attenuation test** – to decrease or increase the power of the radio transmitter. The test allows users to check communication stability between the device and the hub by simulating the changing environment at the site.
- **Device self-test** – to check if the built-in battery has enough power for the device to operate.

Icons

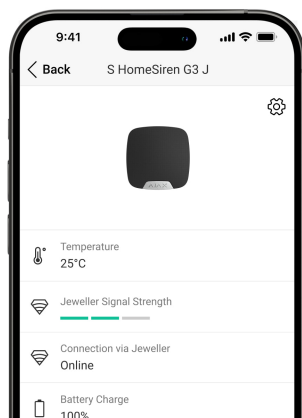


The icons in an Ajax app display some of the Superior HomeSiren G3 Jeweller states. The icons can be checked in the **Devices**  tab.


Icon	Meaning
	<p>Jeweller signal strength. It displays the signal strength between the hub and the device. The recommended value is 2–3 bars.</p> <p>Learn more</p>
	<p>The device battery charge level.</p> <p>Learn more</p>
	<p>Displayed if a high level of radio interference is detected.</p> <p>Learn more</p>
	<p>The device is in the Signal attenuation test mode.</p> <p>Learn more</p>

	<p>Displayed if the device operates through the radio signal range extender.</p> <p><u>Learn more</u></p>
	<p>Chime on opening is enabled in the siren settings.</p>
	<p>The device is permanently deactivated.</p> <p><u>Learn more</u></p>
	<p>Tamper alarm notifications are permanently deactivated.</p> <p><u>Learn more</u></p>
	<p>The device is deactivated until the system is disarmed.</p> <p><u>Learn more</u></p>
	<p>Tamper alarm notifications are deactivated until the system is disarmed.</p> <p><u>Learn more</u></p>
	<p>The device has lost connection to the hub, or the hub has lost connection to the Ajax Cloud server.</p>
	<p>The device has not been transferred to the new hub.</p> <p><u>Learn more</u></p>

States



The states include information about the device and its operating parameters. The states of Superior HomeSiren G3 Jeweller can be found in Ajax apps:

1. Go to the **Devices**  tab.
2. Select **Superior HomeSiren G3 Jeweller** in the list.

Parameter	Meaning
Data import	Displays an error during data transfer to the new hub: <ul style="list-style-type: none"> • Failed – the device has not been transferred to the new hub.

	<p><u>Learn more</u></p>
Malfunction	<p>If you tap ⓘ, the device’s list of malfunctions will open.</p> <p>The field is displayed only if a malfunction is detected.</p>
Temperature	<p>Device temperature. It is measured by the processor and changes depending on the ambient temperature.</p> <p>You can create a scenario by temperature to control automation devices.</p> <p><u>Learn more</u></p>
Jeweller signal strength	<p>Signal strength between the device and the hub (or the range extender) via the Jeweller channel. The recommended value is 2–3 bars.</p> <p>Jeweller is a protocol for transmitting events and alarms.</p>
	<p>Connection status between the device and the hub (or the range extender) via the Jeweller channel:</p> <ul style="list-style-type: none"> • Online – the device is connected to the hub (or the range extender).

<p>Connection via Jeweller</p>	<p>Normal state.</p> <ul style="list-style-type: none"> • Offline – the device is not connected to the hub (or the range extender). Check the connection.
<p><Range extender name></p>	<p>State of device connection to the <u>radio signal range extender</u>:</p> <ul style="list-style-type: none"> • Online – the device is connected to the range extender. • Offline – the device is not connected to the range extender. <p>The field is displayed if the device operates via the radio signal range extender.</p>
<p>Transmitter power</p>	<p>Displays the selected transmitter power.</p> <p>The field is displayed when the Max or Attenuation option is selected in the Signal attenuation test menu.</p> <p><u>Learn more</u></p>
	<p>Battery level of the device. Two states are available:</p>

<p>Battery charge</p>	<ul style="list-style-type: none"> • OK. • Battery low. <p>When a battery needs to be replaced, users and the monitoring company will receive appropriate notifications.</p> <p><u>Learn more</u></p>
<p>Lid</p>	<p>State of the device's tamper button, which responds to detachment or opening of the device enclosure:</p> <ul style="list-style-type: none"> • Open – the device has been removed from the SmartBracket mounting panel, or its integrity is compromised. Check the device. • Closed – the device is installed on the SmartBracket mounting panel. The integrity of the device enclosure and the mounting panel is not compromised. Normal state. <p><u>Learn more</u></p>
	<p>Volume level when an alarm is activated:</p>

<p>Alarm volume</p>	<ul style="list-style-type: none"> • Muted – the siren does not sound when an alarm is raised. • Quiet – 81 dB volume. • Loud – 93 dB volume. • Very loud – 105 dB volume. <p>The volume level is measured 1 m away from the siren.</p>
<p>Alarm duration</p>	<p>Duration of an audible signal when an alarm is activated: from 3 seconds to 3 minutes.</p>
<p>LED indication</p>	<p>The siren LED indication state:</p> <ul style="list-style-type: none"> • Off – LED indication is off. • Armed – the LED indicator flashes only when the system is in armed mode. • Always – the LED indicator flashes regardless of the security mode. <p><u>Learn more</u></p>
	<p>The state of the</p>

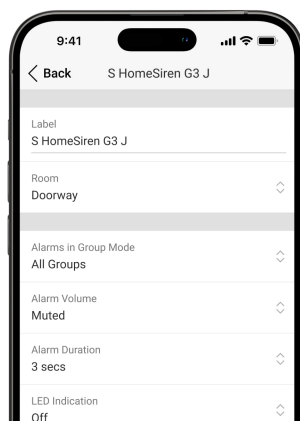
<p>Advanced encryption</p>	<p>communication with advanced encryption between the device and the hub or radio signal range extender:</p> <ul style="list-style-type: none"> • Active – the device communication is protected by advanced encryption. • Inactive – the device communication operates without advanced encryption. <p><u>Learn more</u></p>
<p style="text-align: center;">Beeps settings</p>	
<p>Arming/disarming</p>	<p>When the feature is enabled, the siren’s LED indicator starts flashing, while the siren emits a short beep to notify users of arming/disarming.</p>
<p>Night mode activation/deactivation</p>	<p>When the feature is enabled, the siren’s LED indicator starts flashing, while the siren emits a short beep to notify users that <u>Night mode</u> is switched on/off.</p>
<p>Entry delays</p>	<p>When the feature is enabled, the siren sounds a short beep to indicate <u>entry delay</u>.</p>
	<p>When the feature is enabled, the siren sounds a</p>

Exit delays	short beep to indicate <u>exit delay</u> .
Entry delays in Night mode	When the feature is enabled, the siren sounds to indicate entry delay in <u>Night mode</u> .
Exit delays in Night mode	When the feature is enabled, the siren sounds to indicate exit delay in <u>Night mode</u> .
Chime on opening or doorbell button press	When the feature is enabled, the siren signals the triggering of opening detectors or DoorBell button press when the system is disarmed. <u>Learn more</u>
Beep volume	The field is displayed if the notifications of arming/disarming, entry/exit delay, and the door being opened are enabled. Shows the siren volume level for notifications.
Radio interference level	The field shows whether the noise level in the radio channel is high: <ul style="list-style-type: none"> • OK – the noise level in the radio channel is acceptable. • High – the noise level in



	<p>the radio channel is too high.</p> <p><u>Learn more</u></p>
<p>Permanent deactivation</p>	<p>The field shows the state of the device's permanent deactivation setting:</p> <ul style="list-style-type: none"> • No – the device operates in normal mode and transmits all events. • Entirely – the device is completely excluded from the system operation by the hub admin. The device does not execute system commands or report alarms or other events. • Lid only – the hub admin has disabled notifications about the tamper button triggering. <p><u>Learn more</u></p>
	<p>The field shows the state of the device's one-time deactivation setting:</p> <ul style="list-style-type: none"> • No – the device operates in normal mode.

<p>One-time deactivation</p>	<ul style="list-style-type: none"> • Entirely – the device is completely disabled until the system is disarmed. The device does not execute system commands or report alarms or other events. • Lid only – notifications about the tamper button triggering are disabled until the system is disarmed. <p><u>Learn more</u></p>
<p>Firmware</p>	<p>Device firmware version.</p>
<p>Device ID</p>	<p>Device ID. It is also available on the QR code on the device enclosure and its packaging.</p>
<p>Device No.</p>	<p>Device number. It is transmitted to the monitoring station if there is an alarm or event in the system.</p>

Settings



To change Superior HomeSiren G3 Jeweller settings, in an Ajax app:

1. Go to the **Devices**  tab.
2. Select **Superior HomeSiren G3 Jeweller** in the list.
3. Go to **Settings** .
4. Set the required settings.
5. Tap **Back** to save the new settings.

Parameter	Meaning
Name	<p>Device name. It is displayed in the list of hub devices, SMS, and notifications in the event feed.</p> <p>To change the name, tap on the text field.</p> <p>The name can contain up to 24 Latin characters or up to 12 Cyrillic characters.</p>

Room	<p>Selecting the virtual room to which Superior HomeSiren G3 Jeweller is assigned.</p> <p>The room name is displayed in SMS and notifications in the event feed.</p>
Audible alarm	<p>Selecting when an audible alarm should be activated:</p> <ul style="list-style-type: none">• Always – the siren activates an audible alarm regardless of the system security state.• Only when armed – an audible alarm is activated only if the system or the group to which the siren is assigned is armed.
Alarms in Group mode	<p>Selecting the group to which the siren should be assigned. You can select one or all groups:</p> <ul style="list-style-type: none">• If the siren is assigned to a certain group, it notifies about alarms and events of that group only.• If the siren is assigned to all groups, it notifies about alarms and

	<p>events of all groups in the system.</p> <p>Regardless of the selected group, the siren will respond to Night mode activation and alarms in that mode.</p> <p>The option is displayed if Group mode is enabled in the hub settings.</p>
<p>Alarm volume</p>	<p>Volume level when an alarm is activated:</p> <ul style="list-style-type: none"> • Muted – the siren does not sound when an alarm is raised. • Quiet – 81 dB volume. • Loud – 93 dB volume. • Very loud – 105 dB volume. <p>The volume level is measured 1 m away from the siren.</p>
<p>Alarm duration</p>	<p>Duration of an audible signal when an alarm is activated: from 3 seconds to 3 minutes.</p> <p>Interval is 3 seconds.</p>
	<p>LED indication of the siren</p>

<p>LED indication</p>	<p>state:</p> <ul style="list-style-type: none"> • Off – LED indication is off. • Armed – the LED flashes once every 2 seconds only when the system is armed. • Always – the LED flashes once every 2 seconds regardless of the security mode. <p><u>Learn more</u></p>
<p>Radio interference detection</p>	<p>If the feature is enabled, the monitoring company and users will be notified of a sabotage attempt.</p>
<p>Beeps settings</p>	<p>Allows a user to open the siren <u>Beeps settings</u>.</p>
<p style="text-align: center;">Activate buzzer</p>	
<p>If lid is open</p>	<p>If the feature is enabled, the siren will raise an alarm when the lid is opened.</p>
<p>If high level of radio interference detected</p>	<p>If the feature is enabled, the siren will raise an alarm when a high level of radio interference is detected.</p>
	<p>Allows a user to switch the device to the Jeweller signal strength test mode.</p> <p>The test allows you to check the signal strength</p>

Jeweller signal strength test	<p>between the hub (or the radio signal range extender) and the device via the wireless Jeweller data transfer protocol to select the optimal installation site.</p> <p>Learn more</p>
Volume test	<p>Allows a user to switch the siren to the Volume test mode.</p> <p>Learn more</p>
Signal attenuation test	<p>Allows a user to switch the device to the Signal attenuation test mode.</p> <p>Learn more</p>
Device self-test	<p>Allows a user to run the device self-test to check if it operates properly.</p> <p>Learn more</p>
User manual	<p>Allows a user to open the Superior HomeSiren G3 Jeweller user manual in the Ajax app.</p>
	<p>Allows a user to disable events of the device without removing it from the system.</p> <p>Three options are available:</p>

<p>Permanent deactivation</p>	<ul style="list-style-type: none"> • No – the device operates in normal mode and transmits all events. • Entirely – the device does not execute system commands or participate in automation scenarios; the system ignores device alarms and other notifications. • Lid only – the system ignores notifications about the tamper button triggering. <p><u>Learn more</u></p>
<p>One-time deactivation</p>	<p>Allows a user to disable device events until the system is disarmed.</p> <p>Three options are available:</p> <ul style="list-style-type: none"> • No – the device operates in normal mode and transmits all events. • Entirely – the device is completely disabled until the system is disarmed. The device does not execute system commands or report alarms or other events.

	<ul style="list-style-type: none"> • Lid only – notifications about the tamper button triggering are disabled until the system is disarmed. <p><u>Learn more</u></p>
Delete device	Allows a user to disconnect the device from the hub.

Beeps settings

Setting	Meaning
Beep on armed mode change	
Arming/disarming	If the feature is enabled, the siren’s LED starts flashing, while the siren emits a short beep to notify users of arming/disarming.
Night mode activation/deactivation	If the feature is enabled, the siren’s LED starts flashing, while the siren emits a short beep to notify users that <u>Night mode</u> is switched on/off.
Mute the device when code on keypad is being entered	Allows a user to mute an audible signal once they start entering a code on the keypad. With this feature, users can focus on system disarming.

Beep on delays	
Entry delays	<p>If the feature is enabled, the siren sounds to indicate entry delay.</p> <p><u>Learn more</u></p>
Exit delays	<p>If the feature is enabled, the siren sounds to indicate exit delay.</p> <p><u>Learn more</u></p>
Entry delays in Night mode	<p>If the feature is enabled, the siren sounds to indicate entry delay in <u>Night mode</u>.</p> <p><u>Learn more</u></p>
Exit delays in Night mode	<p>If the feature is enabled, the siren sounds to indicate exit delay in <u>Night mode</u>.</p> <p><u>Learn more</u></p>
Fast beep on delays	
	<p>Notifies a user that the Entry delay time is about to expire. There are four options to choose from when the fast beep should start:</p>



<p>Fast beep on Entry delay expiration</p>	<ul style="list-style-type: none"> • Never • Last 5 seconds • Last 10 seconds • Last 15 seconds <p>The option is available when Beep on entry delays is enabled.</p>
<p>Fast beep on Exit delay expiration</p>	<p>Notifies a user that the Exit delay time is about to expire. There are four options to choose from when the fast beep should start:</p> <ul style="list-style-type: none"> • Never • Last 5 seconds • Last 10 seconds • Last 15 seconds <p>The option is available when Beep on entry delays is enabled.</p>
<p>Beep when disarmed</p>	
<p>Chime on opening or doorbell button press</p>	<p>If the feature is enabled, the siren informs a user with a short beep that opening detectors are triggered when the system is disarmed.</p>

	Learn more
Beep volume	<p>Selecting the siren volume level for notifications about arming/disarming, entry/exit delay, and the door being opened:</p> <ul style="list-style-type: none">• Quiet.• Loud.• Very loud.

Device self-test

The device self-test allows users to check whether a built-in battery has enough power for proper device operation.

To run the self-test, in an Ajax app:

1. Go to the **Devices**  tab.
2. Select **Superior HomeSiren G3 Jeweller** in the list.
3. Go to **Settings** .
4. Go to the **Device self-test** menu.



To run the self-test, ensure that the system is disarmed and no other test is running.

5. Tap **Start**.
6. If the self-test is successful, tap **Done** to return to the settings. If the self-test is faulty, we recommend contacting the service center.

Users and the monitoring station will receive a corresponding result notification after the test is completed.



Siren response to device alarms

Superior HomeSiren G3 Jeweller can respond to alarms from each device in the system. The feature is useful if users do not need to activate the siren when a specific device is triggered. For example, when LeaksProtect Jeweller activates an alarm.



By default, the siren response is enabled for alarms from all system devices.



To configure the siren response to a device alarm:

1. Open the Ajax app.
2. Go to the **Devices**  tab.
3. Select the device for which you want to configure the siren response.
4. Go to **Settings** .
5. Find the **Alert with siren** section and enable the desired toggles.
6. Repeat steps 3–5 for the rest of the system devices.

Siren response to tamper alarms

Superior HomeSiren G3 Jeweller can respond to tamper alarms from each system device. When the feature is activated, the siren emits an audible signal when the device's tamper button or the accelerometer is triggered.

To configure the siren response to a tamper alarm:

1. Open the Ajax app.
2. Go to the **Devices**  tab.
3. Select the hub and go to its **Settings** .
4. Select the **Service** menu.
5. Go to the **Sounds and alerts** section.



6. Enable the **If lid of hub or any detector is open** toggle.
7. Tap **Back** to save the new settings.



The tamper button responds to opening and closing of the enclosure, regardless of the security mode. The accelerometer responds to an attempt to displace or dismantle the device.

Siren response to the panic button press

In Ajax apps, an admin or PRO with the rights to configure the system can configure the siren response to the panic button press. To do this, follow these steps:

1. Open the Ajax app.
2. Go to the **Devices**  tab.
3. Select the hub and go to its **Settings** .
4. Select the **Service** menu.
5. Go to the **Sounds and alerts** section.
6. Enable the **If in-app panic button is pressed** toggle.
7. Tap **Back** to save the new settings.

Siren after-alarm indication



The siren can inform about its triggering in the armed system through LED indication.

The feature functions as follows:


1. The system registers an alarm.
2. The siren sounds an alarm signal (if enabled). Its duration and volume depend on the **device settings**.
3. The siren's LED flashes twice (once every 3 seconds) until the system is disarmed.

This feature allows system users and security patrols to see that the alarm has been activated.



The Superior HomeSiren G3 Jeweller after-alarm indication does not work for always-active detectors if the detector was triggered when the system was disarmed.

To enable the siren after-alarm indication, in an Ajax PRO app:

1. Go to hub settings:
 - **Hub** → **Settings**  → **Service** → **LED Indication**.
2. Specify which events the sirens will indicate with a double LED flash before the system is disarmed:
 - **Confirmed intrusion/hold-up alarm.**
 - **Single intrusion/hold-up alarm.**
 - **Lid opening.**
3. Select the required siren in the **Devices** menu and tap **Save** to save the selection.
4. Tap **Back** to save the new settings.

Specific alerts on alarm cancellation and alarm abort



Selecting devices to alert on alarm cancellation and alarm abort is only available in [Ajax PRO apps](#)

In the hub settings in an Ajax PRO app, you can select which devices should sound if an alarm is cancelled and which should sound if the alarm is aborted. The **Alarm cancellation annunciation** and **Alarm abort annunciation** features are required for systems that should comply with ANSI/SIA CP-01-2019*.

To select the devices to alert on alarm cancellation and alarm abort, in the Ajax PRO app:

1. Select the required hub and go to:

- **Settings**  → **Service** → **Arming/disarming process**

2. Ensure that **ANSI/SIA CP-01-2019** is selected for the **Compliance with standard** setting.
3. Select the devices for **Specific alert on alarm cancellation** and **Specific alert on alarm abort** options.
4. Tap **Back** to save the new settings.



[Learn more about ANSI/SIA CP-01-2019 system requirements](#)



** Superior HomeSiren G3 Jeweller is not certified according to ANSI/SIA CP-01-2019.*


Chime on opening or doorbell button press

If **Chime on opening or doorbell button press** is enabled, Superior HomeSiren G3 Jeweller informs a user with a short beep that opening detectors are triggered or the DoorBell button is pressed while the system is disarmed. The feature is used, for example, in stores to notify employees that someone has entered.

Alarm signals are configured in two steps: setting up the siren and setting up opening detectors. [This article](#) provides more information about **Chime** and how to configure detectors.

To set the siren response:

1. Open an Ajax app.
2. Go to the **Devices**  tab.
3. Select Superior HomeSiren G3 Jeweller and go to its **Settings** .
4. Go to the **Beep settings** menu.
5. Enable the **Chime on opening or doorbell button press** toggle in the **Beep when disarmed** category.
6. Set the required alarm signal volume.
7. Tap **Back** to save the new settings.

If the settings are correct, a bell icon will appear in the **Control**  tab of the Ajax app. Tap it to activate or deactivate Chime.

Indication

The Superior HomeSiren G3 Jeweller LED indicator lights up **green** depending on the device's state.

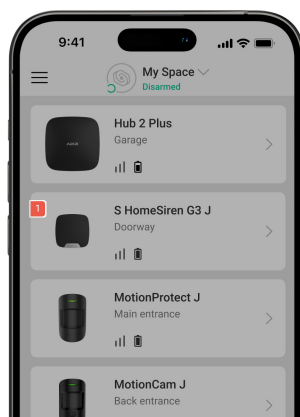


Event	Indication	Note
Turning on the device.	The LED indicator lights up for about 0.5 s.	
Turning on the device that has not been added to the hub.	The LED indicator lights up for about 0.5 s, flashes six times, and then flashes three times rapidly.	
Turning off the device.	The LED indicator lights up for about 1 s	The system sends a notification when the siren is

	and then flashes three times.	turned off with the power button.
The device is added to the hub.	The LED indicator lights up for about 0.5 s.	
The device is deleted from the hub.	The LED indicator flashes six times for 2 s and then flashes three times rapidly within 0.5 s.	
Alarm.	The siren emits an audible signal, and all LED indicators turn off.	The duration and volume of an audible signal depend on the siren settings.
An alarm was detected in the armed system. (If after-alarm indication is enabled)	The siren's built-in LED and an external LED (if connected) flash twice approximately every 3 seconds until the system is disarmed.	The indication turns on after the siren has finished sounding an alarm signal.
The system is armed.	The LED indicator flashes once, then the siren emits a short beep.	If Beep on armed mode change and LED indication are enabled. The volume of an audible signal depends on the Beep volume settings.

<p>The system is disarmed.</p>	<p>The LED indicator flashes twice, then the siren emits two short beeps.</p>	<p>If Beep on armed mode change and LED indication are enabled.</p> <p>The volume of an audible signal depends on the Beep volume settings.</p>
<p>The siren is in armed mode.</p>	<p>The LED indicator lights up for a short time every 3 seconds.</p>	<p>If LED indication is configured in armed mode.</p>
<p>Connection with the hub is lost.</p>	<p>The LED indicator flashes three times every 6 seconds.</p>	<p>The indication lasts until the connection with the hub is restored.</p>
<p>Low battery.</p>	<p>The LED indicator smoothly lights up green and goes out when the system is armed/disarmed (if the indication is activated), the tamper button is triggered, or an alarm is activated.</p>	

Malfunctions



When the device detects a malfunction (for example, there is no connection via the Jeweller protocol), a malfunction counter is displayed in the upper left corner of the device icon in an Ajax app.

All malfunctions can be viewed in the device states. Fields with malfunctions are highlighted in red.

A malfunction is displayed in the following cases:

- The device temperature is outside acceptable limits.
- The device lid is open (the tamper button has been triggered).
- There is no connection to the hub or radio signal range extender via Jeweller.

- The device battery is low.

Maintenance

Check the device regularly to ensure it is operating properly. The optimal frequency of checks is once every three months. Clean the device enclosure of dust, cobwebs, and other contaminants as they appear. Use a soft, dry wipe suitable for equipment maintenance.

Do not use substances containing alcohol, acetone, gasoline, or other active solvents to clean the siren.

The batteries installed in the siren ensure up to 2.5 years of autonomous operation with a polling interval of 1 minute or at least 6 hours of buzzer sound.

If the battery is low, the system will send an early notification that the battery needs to be replaced. When armed mode is activated, the LED will slowly light up green and go out.



[How to replace batteries](#)

Technical specifications



All technical specifications



Compliance with standards



Setup in compliance with EN 50131 requirements

Warranty

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

If the device does not operate properly, we recommend contacting the support service first, as most technical issues can be resolved remotely.



Warranty obligations



User agreement

Contact technical support:

- **email**
- **Telegram**

Manufactured by “AS Manufacturing” LLC