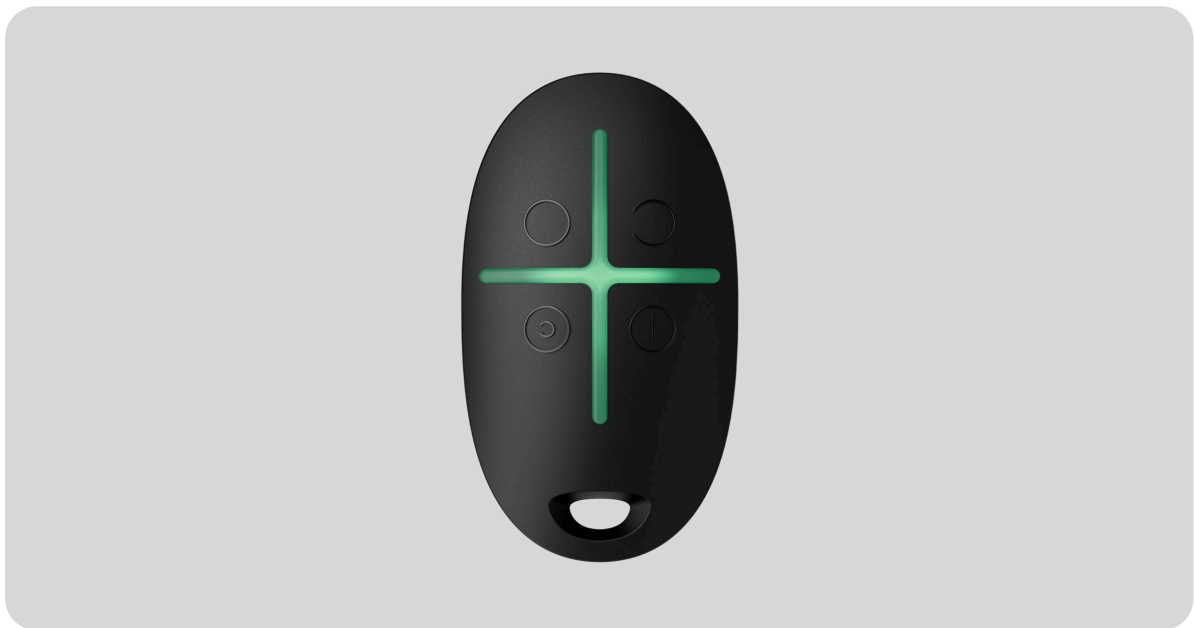


Ajax Superior SpaceControl Jeweller user manual

Previously: Ajax SpaceControl S Jeweller

Updated March 13, 2025



Ajax Superior SpaceControl Jeweller is a wireless key fob for managing security modes. It features a panic button and protection against accidental pressing. The device allows users to arm/disarm an Ajax system, enable the night mode, or activate an alarm.

Ajax Superior SpaceControl Jeweller operates as part of the Ajax system. The key fob communicates with the [hub](#) via the secure [Jeweller](#) protocol. In addition, the key fob can be used to manage any third-party security control panel through the [uartBridge](#) or [ocBridge Plus](#) integration module.

Since the communication is two-way, you will know whether the system has received the key fob command.

Users can configure the key fob in [Ajax apps](#) for iOS, Android, macOS, and Windows.

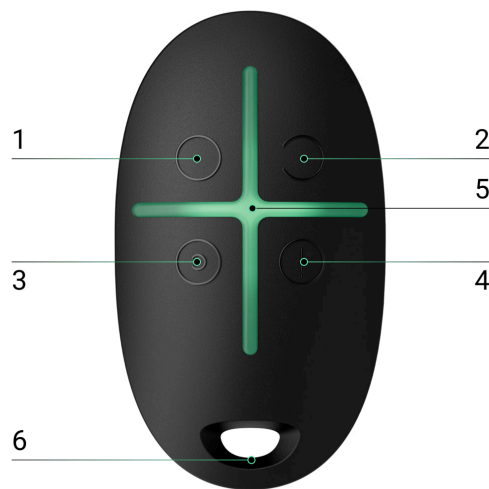


This product line is developed for projects. Only accredited Ajax Systems partners can sell, install, and administer **Superior** products.

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

Buy Ajax Superior SpaceControl Jeweller

Functional elements



1. Button to arm the facility.
2. Button to disarm the facility.
3. Button to enable the night mode.
4. Panic button (activates the alarm).
5. LED indicators.
6. Hole for hanging the key fob.



You can assign functions to the buttons only when using the key fob with `uartBridge` or `ocBridge Plus`. You can not change the commands assigned to the buttons when using the key fob with an Ajax hub.

Compatible hubs and range extenders

The device requires an Ajax hub with [OS Malevich 2.25](#) or later firmware version.

[Check devices compatibility](#)

Operating principle



0:00 / 0:12



Ajax Superior SpaceControl Jeweller controls security modes and sends an alarm signal to the central monitoring station when the panic button of the key fob is pressed.


The communication range between the key fob and the hub is up to 1,300 meters. Walls, inserted floors, or other objects interfering with signal transmission can reduce this distance.

Ajax Superior SpaceControl Jeweller operates only with one security system (Ajax system or third-party system through the integration module). If you connect the key fob to a new security system, it will stop interacting with the previous system. However, the key fob will not be automatically deleted from the list of devices of the previous hub.

With the key fob, users can:

- **Arm the facility** – press the  button once
- **Enable the night mode** – press the  button once

- **Disarm the facility** – press the  button once
- **Activate the alarm** – press the  button once

If the siren is triggered, press the button  on the key fob to switch the system to disarmed mode.

Adding to the system

Before adding the device

1. Install the [Ajax app](#).
2. Log in to an [account](#) or [create a new one](#).
3. Select a space or create a new one.

[What is a space](#)

[How to create a space](#)



The space functionality is available for apps of such versions or later:

- Ajax Security System 3.0 for iOS;
- Ajax Security System 3.0 for Android;
- Ajax PRO: Tool for Engineers 2.0 for iOS;
- Ajax PRO: Tool for Engineers 2.0 for Android;
- Ajax PRO Desktop 4.0 for macOS;
- Ajax PRO Desktop 4.0 for Windows.

4. Add at least one [virtual room](#).


5. Add a compatible hub to the space. Ensure the hub is turned on and has internet access via Ethernet, Wi-Fi, and/or mobile network.
6. Ensure that the space is in disarmed mode and the hub is not starting an update. To do this, check statuses in the Ajax app.



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User account types and rights

Pairing with the hub

1. Open the Ajax app. If you have access to multiple hubs or use the PRO app, select the space and hub where you want to add the key fob.
2. Go to the **Devices**  tab and tap **Add device**.
3. Name the device, scan or type in the QR code (placed on the device and the package box), and select a room and a group (if group mode is enabled).
4. Tap **Add**.
5. If you simultaneously press the armed mode and panic buttons, the key fob's central LED indicators will flash. To communicate with the system, the key fob should be located within the coverage area of the hub's wireless network (within one protected facility).

If the key fob is added to the hub, it will appear in the list of hub devices in the app. Updating the statuses of devices in the list depends on the **Jeweller** or **Jeweller/Fibra** settings. The default value is 36 seconds.


Connecting the key fob to third-party security systems








To connect the key fob to a third-party security control panel through uartBridge or ocBridge Plus, follow the recommendations in the manual

for the corresponding integration module.

Icons

The icons display some of the **Ajax Superior SpaceControl Jeweller** states. To access them:


1. Sign in to the [Ajax app](#).
2. Select the space.
3. Go to the **Devices**  tab.

Icon	Meaning
	Jeweller signal strength. Displays the signal strength between the hub and the key fob. The recommended value is 2–3 bars. Learn more
	Charge level of the key fob battery. Learn more
	The key fob operates through a radio signal range extender .
	Ajax Superior SpaceControl Jeweller is permanently deactivated. Learn more
	Ajax Superior SpaceControl Jeweller is disabled until the system is first disarmed. Learn more
	The device has lost connection with the hub or the hub has lost connection with the Ajax Cloud server.
	The device has not been transferred to the new hub.

[Learn more](#)

States

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

1. Sign in to the [Ajax app](#).
2. Select the space.
3. Go to the **Devices**  tab.
4. Select **Ajax Superior SpaceControl Jeweller** from the list.



Parameter	Value
Data import	<p>Displays the error when transferring data to the new hub:</p> <ul style="list-style-type: none">• Failed – the device has not been transferred to the new hub. <p>Learn more</p>
Battery charge	<p>Charge level of the key fob battery.</p> <p>Two states are available:</p> <ul style="list-style-type: none">• OK• Low <p>Learn more</p>
Panic	<p>Status of Panic button.</p> <p>Available states:</p>

	<ul style="list-style-type: none"> • Enabled • Disabled
Accidental press protection	<p>Displays the selected type of protection against accidental activation:</p> <ul style="list-style-type: none"> • Off – protection is disabled. • Long press – to send an alarm, you should hold the button down for more than 1.5 seconds. • Double press – to send an alarm, you should double press the button with a pause of no more than 0.5 seconds between presses.
ReX	<p>Displayed if the key fob operates through a <u>radio signal range extender</u></p>
Permanent deactivation	<p>Displays the status of the device's permanent deactivation setting:</p> <ul style="list-style-type: none"> • No – the key fob is active. • Entirely – the key fob is completely disabled by the user. <p><u>Learn more</u></p>
One-time deactivation	<p>Displays the status of the device's one-time deactivation setting:</p> <ul style="list-style-type: none"> • No – the key fob operates in normal mode. • Entirely – the key fob is entirely excluded from the operation of the system for a time the armed mode is active. The device does not execute system commands and does not report alarms or other events.


	<u>Learn more</u>
Firmware	Firmware version of the key fob.
Device ID	Device identifier.
Device No.	The number of the device loop (zone).

Settings

To change **Ajax Superior SpaceControl Jeweller** settings, in the [Ajax app](#):

1. Go to the **Devices**  tab.
2. Select **Ajax Superior SpaceControl Jeweller** from the list.
3. Go to **Settings** by tapping the gear icon .
4. Set the required parameters.
5. Tap **Back** to save the new settings.

Setting	Value
Name	<p>Name of the key fob. Displayed in the list of hub devices, the text of SMS, and notifications in the event feed.</p> <p>To change the name of the device, tap on the text field.</p> <p>The name can contain up to 12 Cyrillic characters or up to 24 Latin characters.</p>
Room	<p>Selecting the virtual room to which Ajax Superior SpaceControl Jeweller is assigned.</p> <p>The room's name is displayed in the text of SMS and notifications in the event feed.</p>

Group management	<p>Selecting the security group that the key fob manages. You can select All groups or a single group.</p> <div data-bbox="821 286 1372 474" style="border: 1px solid black; border-radius: 10px; padding: 10px;"> Configuration is available only if group mode is enabled.</div>
User	<p>Selecting the key fob user.</p> <p>The key fob is unassigned:</p> <ul style="list-style-type: none">• The key fob events are sent to Ajax apps under the key fob name.• The key fob settings determine security mode management rights. <p>The key fob is assigned to a user:</p> <ul style="list-style-type: none">• The key fob events are sent to Ajax apps under the user's name.• The key fob has the same security mode management rights as the user.
Panic	Turning on/off the panic button feature.

<p>Accidental press protection</p>	<p>Selecting the method of accidental press protection:</p> <ul style="list-style-type: none"> • Off – protection is disabled. • Long press – in order for the key fob to transmit the command to the hub, you need to press and hold the button for more than 1.5 seconds. • Double press – in order for the key fob to transmit the command to the hub, you need to double press the button with a pause of no more than 0.5 seconds between the presses.
<p>Alert with siren if panic button is pressed</p>	<p>If the option is enabled, pressing a panic button activates Ajax sirens connected to the system. Ajax Superior SpaceControl Jeweller activates all sirens, regardless of the groups they are in.</p>
<p>User guide</p>	<p>Opens the device user manual.</p>
<p>Permanent deactivation</p>	<p>Allows a user to deactivate the device without deleting it from the system.</p> <p>Once deactivated, the device will no longer execute system commands and participate in automation scenarios. Additionally, the panic button of a deactivated device will be disabled.</p> <p>Learn more</p>
<p>One-time deactivation</p>	<p>Allows a user to disable events of the key fob until the first disarming.</p> <p>Two 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 entirely excluded from the operation of the system for the time the armed mode is active. The device does not execute system

	<p>commands and does not report alarms or other events.</p> <p><u>Learn more</u></p>
Delete device	<p>Disconnects the device from the hub and deletes its settings.</p>

Indication

The key fob reports its status only after any button is pressed.

Indication	Event
4 green key fob LEDs flash 6 times	The key fob is not registered in any security system.
2 green LEDs next to the pressed button light up once	The key fob command has been sent to the security system.
The central LED lights up red briefly	The command has not been delivered as the security system is too far away and cannot receive the command.
2 LEDs next to the button light up green twice. Then 4 key fob LEDs flash green 6 times	The key fob has been removed from the security system devices.
The central LED lights up green for a few seconds	Linking the key fob to the security system.
The central LED lights up green for approximately half a second	The system has executed the key fob command.
The central LED lights up red for approximately half a second	<p>The system has not executed the key fob command. Integrity verification is enabled in the system, and one of the devices is faulty.</p> <p><u>What is system integrity check?</u></p>
After the main indication, the central LED lights up red once and goes out gradually	It is necessary to replace the key fob battery. In this case, the key fob commands are delivered to the security system.

[Learn more](#)

Maintenance

Clean the key fob enclosure from dust, cobwebs, and other contaminants as they appear. Use a soft, dry cloth for cleaning appliances.

To clean Ajax Superior SpaceControl Jeweller, do not use any substances containing alcohol, acetone, gasoline, or other active solvents.

If the key fob is used in normal mode (one arming and disarming of the facility per day), the pre-installed battery provides up to 5 years of autonomous operation. However, more frequent use reduces battery life. You can check the battery level at any time in Ajax apps.



Keep new and used batteries away from children. Do not ingest the battery.

The pre-installed battery is sensitive to low temperatures. If the key fob is significantly cooled, the battery level indicator in the app may show incorrect values until the key fob gets warm.



The value of the battery level is not updated regularly, but only after pressing one of the buttons on the key fob.

When the battery is low, the user will receive a notification in the Ajax app, and the key fob LED will slowly light up and go out red each time the button is pressed.

[How long Ajax devices operate on batteries, and what affects this](#)

Battery replacement

Technical specifications

All technical specifications

Compliance with standards

Setup in compliance with EN 50131 requirements

Warranty

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

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

Warranty obligations

User agreement

Contact Technical Support:

- e-mail
- Telegram

Manufactured by “AS Manufacturing” LLC