

# Manual do usuário do botão

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**Button** é um botão de pânico sem fio com proteção contra pressão acidental e modo adicional para controlar dispositivos de automação .



O botão é compatível apenas com hubs Ajax . Não há suporte para os módulos de integração ocBridge Plus e uartBridge .

O Button é conectado ao sistema de segurança e configurado por meio de aplicativos Ajax no iOS, Android, macOS e Windows. Os usuários são alertados sobre todos os alarmes e eventos por meio de notificações push, SMS e chamadas telefônicas (se habilitado).



[Comprar botão de pânico Botão](#)

## Elementos funcionais



1. Botão de alarme
2. Luzes indicadoras
3. Orifício de montagem do botão

## Princípio de funcionamento



**O Button** é um botão de pânico sem fio que, ao ser pressionado, transmite um alarme aos usuários e ao CMS da empresa de segurança. No modo Controle, o Button permite controlar dispositivos de automação Ajax com um toque curto ou longo de um botão.

No modo de pânico, o Botão pode operar como um botão de pânico e sinalizar uma ameaça, notificar a necessidade de ajuda auxiliar ou informar sobre intrusão, incêndio, alarme de gás ou vazamento. Você pode selecionar o tipo de alarme nas configurações do botão. O texto das notificações de alarme depende do tipo selecionado, bem como dos códigos de evento transmitidos à central de monitoramento da empresa de segurança (CMS).



No menu Configurações do botão – Cenários, você pode atribuir a ação de um dispositivo de automação (Relé, WallSwitch ou Socket) ao pressionamento de um botão.

O botão possui proteção contra pressionamento acidental e transmite alarmes a uma distância de até 1.300 m do hub. Esteja ciente de que a presença de qualquer obstrução que impeça o sinal (por exemplo, paredes ou pisos) reduzirá essa distância.

O Button é fácil de transportar. Você pode usá-lo sempre no pulso ou no colar. O dispositivo é resistente a poeira e respingos.



Ao conectar o Button por meio de um extensor de sinal de rádio, observe que o Button não alterna automaticamente entre as redes de rádio do extensor de sinal de rádio e do hub. Você pode atribuir o Button manualmente a outro hub ou extensor de sinal no aplicativo.

Button has the **Battery charge auto-check** option. When enabled, the system once a day checks the battery state of the button. If the auto-check is disabled, the battery state updates only when the device is pressed.



The feature is available for buttons with firmware version 6.60.0.13 and later. When added to a hub with OS Malevich version 2.17 and later (except Hub (2G) Jeweller and Hub (4G) Jeweller).

## Adding to the system

# Before adding a device

1. Install the [Ajax app](#).
2. Log in to your [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 switched on and has internet access via Ethernet, Wi-Fi, and/or mobile network.
6. Ensure the space is disarmed, and the hub is not starting an update by checking statuses in the Ajax app.



Only a PRO or a space admin with the rights to configure the system can add a device to the hub.



## Types of accounts and their rights

## Connecting to the hub

1. Open the Ajax app and select the space where you want to add the button.
2. Go to the **Devices**  tab and click **Add device**.
3. Name the device, scan its QR code (located on the package) or enter it manually, select a room and a group (if group mode is enabled).
4. Click **Add** and the countdown will begin.

5. Hold the button for 7 seconds. When the Button is added, the LEDs will flash green once.

For detection and pairing, the Button must be located within the hub radio communication zone (on the single protected object).

The connected button will appear in the list of hub devices in the application. Updating the statuses of the device in the list does not depend on the polling time value in the hub settings. Data is updated only by pressing the Button.

The Button only works with one hub. When connected to a new hub, the button Button stops transmitting commands to the old hub. Note that after being added to the new hub, the Button is not automatically removed from the device list of the old hub. This must be done manually through the Ajax application.

## States

Button states can be found in the Ajax app:

1. Ajax app → Devices  → Button

Parameter	Value
Data import	<p data-bbox="1137 244 1727 316">Displays the error when transferring data to the new hub:</p> <ul data-bbox="1137 387 1733 459" style="list-style-type: none"><li data-bbox="1137 387 1733 459">• <b>Failed</b> – the device has not been transferred to the new hub.</li></ul> <p data-bbox="1137 520 1323 560"><b><u>Learn more</u></b></p>
Battery charge	<p data-bbox="1137 646 1733 678">Battery level of the device. Two states available:</p> <ul data-bbox="1137 746 1424 866" style="list-style-type: none"><li data-bbox="1137 746 1227 778">• OK.</li><li data-bbox="1137 834 1424 866">• Battery discharged.</li></ul> <p data-bbox="1137 922 1733 1042">You can check the battery charge by clicking on the ⓘ icon (displayed when the <b>Battery Charge Auto-Check</b> option is enabled).</p> <div data-bbox="1137 1141 1762 1449"><p data-bbox="1283 1177 1727 1409">The feature is available for buttons with firmware version 6.60.0.13 and later. When added to a hub with OS Malevich version 2.17 and later (except Hub (2G) Jeweller and Hub (4G) Jeweller).</p></div>

	<u>How battery charge is displayed in Ajax apps</u>
Operating mode	<p>Displays the operating mode of the button. Three modes are available:</p> <ul style="list-style-type: none"><li>• Panic.</li><li>• Control.</li><li>• Mute Fire Alarm.</li></ul>
LED Brightness	<p>Displays current brightness level of indicator light:</p> <ul style="list-style-type: none"><li>• Disabled (LED indication is disabled).</li><li>• Low.</li><li>• Max.</li></ul>
Accidental press protection  (displayed only for <b>Panic</b> and <b>Mute Fire Alarm</b> operating modes)	<p>Displays the selected type of protection against accidental activation:</p> <ul style="list-style-type: none"><li>• <b>Off</b> – protection disabled.</li><li>• <b>Long press</b> – in order to send alarm you should hold the button down for more than 1.5 seconds.</li></ul>

	<ul style="list-style-type: none"><li>• <b>Double-pressing</b> – in order to send alarm you should double-press on the button with a pause of no more than 0.5 seconds.</li></ul>
ReX	Displays the status of using a <u>radio signal range extender</u> .
Permanent deactivation	Displays the device's status: active or completely disabled by the user.
Firmware	Button firmware version.
Device ID	Device identifier. Also available on the device's board and its package.
Device No.	Number of the device loop (zone).

## Settings

You can adjust the device parameters in the settings section:

1. Ajax app → Devices  → Button → Settings 

Parameter	Value
Name	Name of the device, can be changed.
Room	The choice of the virtual room that the device is assigned to.
Battery charge auto-check	<p>If the toggle is enabled, the system checks the battery state of the device once a day. If the auto-check is disabled, the battery state updates only when the device is pressed.</p> <div data-bbox="1140 699 1760 1010"><p>The feature is available for buttons with firmware version 6.60.0.13 and later. When added to a hub with OS Malevich version 2.17 and later (except Hub (2G) Jeweller and Hub (4G) Jeweller).</p></div>
Notify if the device was unreachable for 3 days	When the toggle is enabled, the user receives a corresponding notification if the button has not communicated with the hub for three days. The setting is available when the <b>Battery charge auto-check</b> toggle is enabled.
Operating mode	Displays the operating mode of the button. Three modes are available:

- **Panic** – sends an alarm when pressed.
- **Control** – controls automation devices by short or long (3 sec) pressing.
- **Mute Fire Alarm** – when pressed, mutes the alarm of Ajax fire detectors. The option is available if Interconnected Fire Alarm feature is enabled.

[Learn more](#)

<p>Type of event</p> <p>(displayed only for <b>Panic</b> operating mode)</p>	<p>Selection of the Button alarm type:</p> <ul style="list-style-type: none"><li>• Intrusion.</li><li>• Fire.</li><li>• Auxiliary alarm.</li><li>• Panic button.</li><li>• Gas alarm.</li><li>• Malfunction.</li><li>• Leakage.</li><li>• Custom.</li></ul> <p>The text of SMS and notifications in the app depends on the selected type of alarm.</p>
<p>LED brightness</p>	<p>This displays the current brightness of the indicator lights:</p> <ul style="list-style-type: none"><li>• Disabled (LED indication is disabled).</li><li>• Low.</li><li>• Max.</li></ul>

<p>Accidental press protection</p> <p>(displayed only for <b>Panic</b> and <b>Mute Fire Alarm</b> operating modes)</p>	<p>Displays the selected type of protection against accidental activation:</p> <ul style="list-style-type: none"><li>• <b>Off</b> – protection disabled.</li><li>• <b>Long press</b> – in order to send an alarm, you need to press and hold the button for more than 1.5 seconds.</li><li>• <b>Double press</b> – in order to send an alarm, you need to double-press the button with a pause of no more than 0.5 seconds between the presses.</li></ul>
<p>Alert with a siren if button is pressed</p>	<p>If the toggle is enabled, pressing a panic button activates <u><b>Ajax sirens connected to the system.</b></u> Ajax Button activates all sirens, regardless of the groups they are in.</p>
<p>Scenarios</p>	<p>Opens the menu for creating and configuring scenarios.</p>

Battery state check	<p>Opens the menu for the battery charge checking.</p> <div data-bbox="1137 204 1762 513"> The feature is available for buttons with firmware version 6.60.0.13 and later. When added to a hub with OS Malevich version 2.17 and later (except Hub (2G) Jeweller and Hub (4G) Jeweller).</div>
User guide	Opens Button User manual.
Permanent deactivation	<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><a href="#"><u>Learn more</u></a></p>
Delete device	Disconnects Button from the hub and deletes its settings.

# Operating indication



Button status is indicated with red or green LED indicators.

Category	Indication	Event
Adding or removing from the hub. Changing the battery	Green LEDs flash 3 times.	The button is not added to any hub.  <b>The indication is available for buttons with firmware version 6.60.X.X and later.</b>
	Green LEDs flash 6 times.	The button is removed from the hub, or the battery is changed.

		<b>The indication is available for buttons with firmware version 6.60.X.X and later. For newer firmware versions, this indication means that the button is not added to any hub.</b>
	Lights up green for a few seconds.	Adding the button to the hub.
Command delivery indication	Lights up green briefly.	Command is delivered to the hub.
	Lights up red briefly.	Command is not delivered to the hub.
Long press indication in Control mode	Flashes green briefly.	Button recognized the pressing as a long press and sent the corresponding command to the hub.
Feedback Indication (follows the <b>Command Delivery Indication</b> )	Lights up green for about half a second after the command delivery indication.	The hub has received and performed the command.
	Briefly lights up red after the command delivery indication.	The hub did not perform the command.

Battery status  (follows <b>Feedback Indication</b> )	After the main indication it lights up red and goes out smoothly.	Button battery needs to be replaced. At the same time, button commands are delivered to the hub.  <b><u>Battery Replacement</u></b>
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## Use cases

### Panic Mode

In the panic button mode, Button can call security or help, as well as alert of an emergency by activating sirens and sending other users a notification in the app. In the Button settings, you can select one type of alarm out of eight:

- Intrusion
- Fire
- Auxiliary alarm
- Panic button

- Gas alarm
- Malfunction
- Leakage
- Custom (not sent to the security company monitoring station)

The type of alarm determines the event code sent to the security company monitoring station (CMS) and the notification text received by the user. This ensures the accurate response to the threat.

Note that in **Panic Mode**, pressing the Button will raise an alarm regardless of the system security mode.



If Button is pressed, an alarm can also run a scenario in the Ajax system.

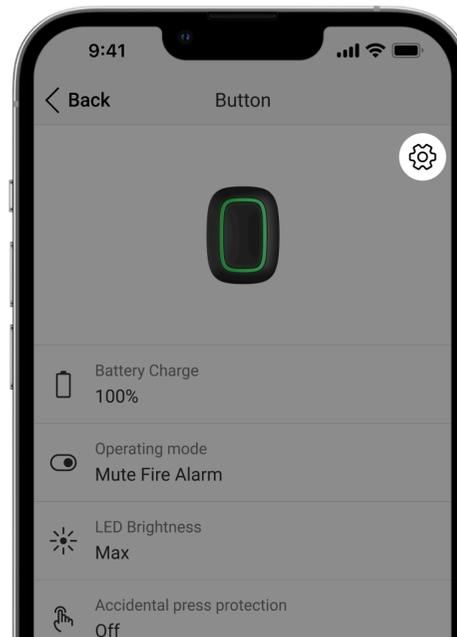
Button can be installed on a flat surface or carried around. To install on a flat surface (for example, under the table), secure the Button with double-sided adhesive tape. To carry the Button on the strap: attach the strap to the Button using the mounting hole in the main body of the Button.

## Control Mode

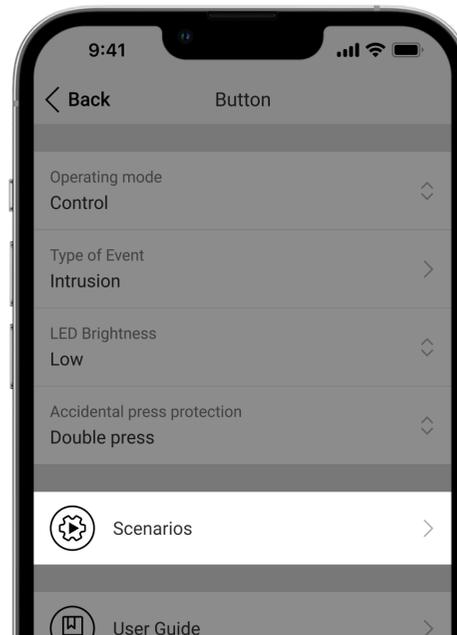
Button can be used to control the automation devices. In **Control mode**, the Button has two pressing options: short and long (the button is pressed for more than 3 seconds). These pressings can trigger the execution of an action by one or more automation devices: Relay, WallSwitch, or Socket.

To bind an automation device action to a long or short press of a Button:

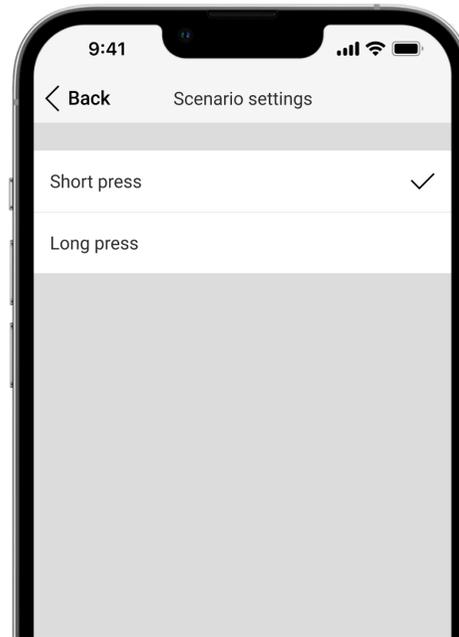
1. Open the [Ajax app](#) and go to the **Devices**  tab.
2. Select **Button** in the list of devices and go to settings by clicking the gear icon .



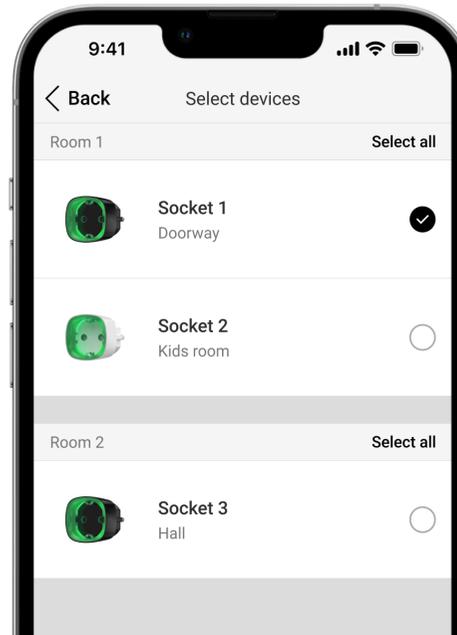
3. Select the **Control** mode in the **Operation mode** section. Click on the actual **Button** device to save the changes
4. Go to the **Scenarios** menu. Click **Create Scenario** if you are creating a scenario for the first time, or **Add Scenario** if scenarios have already been created in the security system.



5. Select a pressing option to run the scenario: **Short press** or **Long press**.

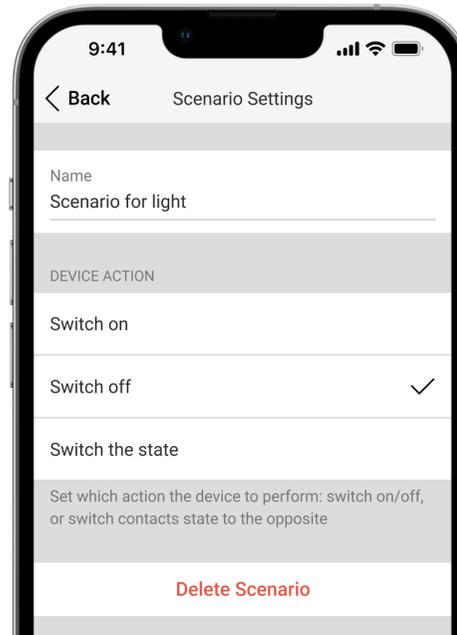


6. Select the automation device to execute the action.



7. Enter the **Scenario Name** and specify the **Device Action** to be executed by pressing the Button.

- Switch on
- Switch off
- Switch the state



The **Device Action** setting is unavailable when configuring a scenario for the automation devices operating in pulse mode. During the scenario execution, such devices will close/open the contacts for a set time. The operating mode and pulse duration are set in the automation device settings.

8. Click **Next**. The scenario will appear in the list of device scenarios.

## Mute Interconnected Fire Detectors Alarm

By pressing the Button, the interconnected fire detectors alarm can be muted (if the corresponding operating mode of the button is selected). The reaction of the

system to pressing a button depends on the state of the system:

- **The Interconnected Fire Detectors Alarm have already propagated** – by the first press of the Button, all fire detectors sirens are muted, except for those that registered the alarm. Pressing the button again mutes the remaining detectors.
- **The interconnected alarms delay time lasts** – the siren of the triggered Ajax fire detector is muted by pressing.



[Learn more about Interconnected Fire Detectors Alarm](#)



With the [OS Malevich 2.12](#) update, users can mute fire alarms in their groups without affecting detectors in the groups to which they do not have access.

[Learn more](#)

## Placement

Button can be fixed on a surface or carried around.

## How to fix Button

To fix Button on a surface (e. g. under a table), use Holder.



**To install the button in the holder:**

1. Choose a location to install the holder.
2. Press the button to test whether the commands can reach the hub. If not, choose another location or use a [radio signal range extender](#).



When connecting Button via radio signal range extender, note that Button does not automatically switch between the radio networks of the radio signal extender and the hub. You can assign Button to another hub or range extender manually in the app.

3. Fix Holder on the surface using the bundled screws or double-sided adhesive tape.
4. Put Button into the holder.



Please note that Holder is sold separately.



[Buy Holder](#)

## How to carry around Button



The button is convenient to carry with you thanks to a special hole on its body. It can be worn on the wrist or around the neck, or hung on a key ring.

Button has an IP55 protection rating. This means that the device body is protected from dust and splashes. Tight buttons are recessed into the body and software protection helps to avoid accidental pressing.

## Maintenance

Clean the button body from dust, cobwebs and other contaminants as they appear. Use a soft, dry cloth for cleaning appliances. Never use substances containing alcohol, acetone, gasoline and other active solvents to clean the Button.

The pre-installed battery provides up to 5 years of Button operation in normal use (one press per day). More frequent use may reduce battery life. You can check battery level in the Button states in the Ajax app.

A bateria pré-instalada é sensível a baixas temperaturas e, se o controle remoto esfriar significativamente, o indicador de nível da bateria no aplicativo poderá mostrar valores incorretos até que o controle remoto fique mais quente.

O valor do nível da bateria é atualizado cada vez que o botão é pressionado.

Quando a bateria estiver fraca, o usuário receberá uma notificação no aplicativo Ajax, e o indicador LED acenderá suavemente em vermelho e apagará cada vez que

o botão for pressionado.

 Por quanto tempo os dispositivos Ajax operam com baterias e o que afeta isso

 Substituição da bateria

## Especificações técnicas

 Todas as especificações técnicas do Button Jeweller

 Conformidade com os padrões

## Conjunto completo

1. Botão
2. Bateria CR2032 pré-instalada
3. Fita dupla face

## 4. Guia de início rápido

# Garantia

A garantia dos produtos fabricados pela Sociedade de Responsabilidade Limitada “Ajax Systems Manufacturing” é válida por 2 anos após a compra e não se estende à bateria fornecida.

Se o dispositivo não funcionar corretamente, recomendamos que você entre em contato primeiro com o serviço de suporte, pois os problemas técnicos podem ser resolvidos remotamente na maioria dos casos.

 [Obrigações de garantia](#)

 [Acordo de usuário](#)

**Entre em contato com o suporte técnico:**

- [e-mail](#)
- [Telegrama](#)

Assine a newsletter sobre vida segura.  
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