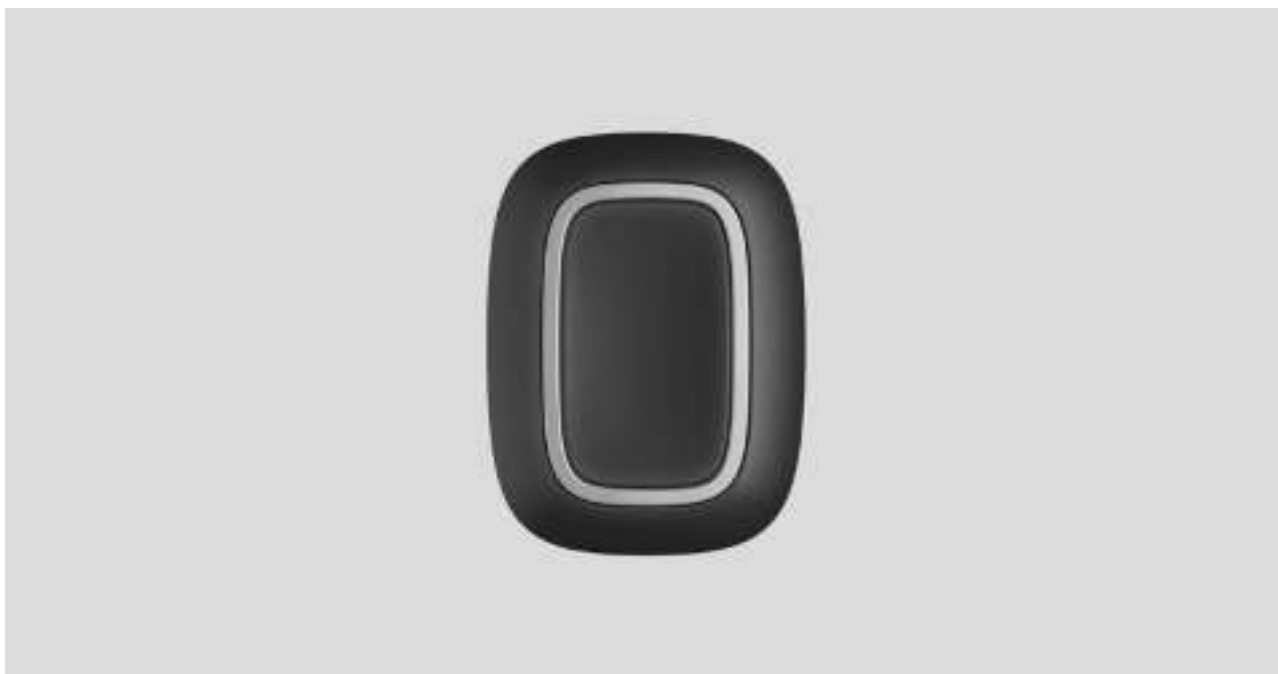


# Manual de usuario del botón

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El botón es un botón de pánico inalámbrico con protección contra la presión accidental y modo adicional para controlar Dispositivos de automatización.



Button es compatible con Concentradores Ajax solamente. No hay soporte para ocBridge Plus y uartBridge ¡Módulos de integración!

El botón está conectado al sistema de seguridad y configurado a través de Aplicaciones Ajax en iOS, Android, macOS y Windows. Los usuarios son alertados de todas las alarmas y eventos a través de notificaciones push, SMS y llamadas telefónicas (si está habilitado).

[Comprar botón de pánico Botón](#)

## Elementos funcionales



1. Botón de alarma
2. Luces indicadoras
3. Orificio de montaje del botón

## Principio de funcionamiento



**Button** es un botón de pánico inalámbrico que, cuando se presiona, transmite una alarma a los usuarios, así como al CMS de la compañía de seguridad. En el modo Control, Button le permite controlar dispositivos de automatización Ajax con una pulsación corta o larga de un botón.

En el modo de pánico, el botón puede funcionar como un botón de pánico y una señal sobre una amenaza, o notificar la necesidad de ayuda médica, o informar sobre la intrusión, incendio, alarma de gas o fuga. Puede seleccionar el tipo de alarma en la configuración del botón. El texto de las notificaciones de alarma

depende del tipo seleccionado, así como de los códigos de eventos transmitidos a la estación central de monitoreo de la compañía de seguridad (CMS).



Puede enlazar la acción de un dispositivo de automatización (Relé, Interruptor de pared o Enchufe) a una pulsación de botón en el botón Configuración – **Menú Escenarios**.

El botón está equipado con protección contra la presión accidental y transmite alarmas a una distancia de hasta 1.300 m del cubo. Tenga en cuenta que la presencia de cualquier obstrucción que impida la señal (por ejemplo, paredes o pisos) reducirá esta distancia.

El botón es fácil de transportar. Siempre puedes guardarlo en una muñeca o un collar. El dispositivo es resistente al polvo y a las salpicaduras.



Al conectar Button a través de Extensor de alcance de señal de radio, tenga en cuenta que Button no cambia automáticamente entre las redes de radio del extensor de señal de radio y el concentrador. Puede asignar Button a otro concentrador o amplificador de alcance manualmente en la aplicación.

## Conexión del botón al sistema de seguridad Ajax

### Antes de iniciar la conexión

1. Siga las instrucciones del hub para instalar el Aplicación Ajax. Cree una cuenta, agregue un centro a la aplicación y cree al menos una sala.
2. Entra en la app Ajax.
3. Active el hub y compruebe su conexión a Internet.
4. Asegúrese de que el hub no esté en modo armado y no se actualice comprobando su estado en la aplicación.



Solo los usuarios con derechos administrativos pueden agregar un dispositivo al concentrador

# Para conectar un botón

1. Haga clic en **Agregar dispositivo** en la app Ajax.
2. Asigne un nombre al dispositivo, escanee su código QR (ubicado en el paquete) o introdúzcalo manualmente, seleccione una habitación y un grupo (si el modo de grupo está habilitado).
3. Haga clic en **Agregar** y comenzará la cuenta atrás.
4. Mantenga presionado el botón durante 7 segundos. Cuando se agrega el botón, los LED parpadearán en verde una vez.

Para la detección y el emparejamiento, el botón debe estar ubicado dentro de la zona de comunicación de radio del concentrador (en el único objeto protegido).

El botón conectado aparecerá en la lista de dispositivos hub de la aplicación. La actualización de los estados del dispositivo en la lista no depende del valor del tiempo de sondeo en la configuración del concentrador. Los datos se actualizan solo presionando el botón.

El botón solo funciona con un concentrador. Cuando se conecta a un nuevo concentrador, el botón Botón deja de transmitir comandos al concentrador antiguo. Tenga en cuenta que después de agregarse al nuevo hub, el botón no se elimina automáticamente de la lista de dispositivos del hub antiguo. Esto debe hacerse manualmente a través de la aplicación Ajax.

## Estados

Los estados de los botones se pueden encontrar en la app Ajax:



1. Ajax app → Devices → Button 

Parameter	Value
Battery Charge	Battery level of the device. Two states available: <ul style="list-style-type: none"><li>• OK</li><li>• Battery discharged</li></ul>

	<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 Interconnected 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>
<p>Accidental press protection</p> <p>(displayed only for <b>Panic</b> and <b>Mute Interconnected 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 alarm you should hold the button down for more than 1.5 seconds.</li> <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	<p>Displays the status of using a <u>radio signal range extender</u></p>
Temporary Deactivation	<p>Displays the status of the device: active or completely disabled by the user</p>
Firmware	<p>Button firmware version</p>
Device ID	<p>Device identifier. Also available on the device's board and its package.</p>
Device No.	<p>Number of the device loop (zone).</p>

## 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
Operating mode	<p>Displays the operating mode of the button. Three modes are available:</p> <ul style="list-style-type: none"><li>• <b>Panic</b> – sends an alarm when pressed</li><li>• <b>Control</b> – controls automation devices by short or long (2 sec) pressing</li><li>• <b>Mute Interconnected Fire Alarm</b> – when pressed, mutes the fire alarm of FireProtect/FireProtect Plus detectors. The option is available if <b>Interconnected Fire Alarm</b> feature is enabled</li></ul> <p><a href="#"><u>Learn more</u></a></p>
Type of Event (displayed only for <b>Panic</b> operating mode)	<p>Selection of the Button alarm type:</p> <ul style="list-style-type: none"><li>• Intrusion</li><li>• Fire</li><li>• Medical help</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 depend on the selected type of alarm</p>
LED Brightness	This displays the current brightness of the indicator lights:

	<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 Interconnected 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 alarm you should hold the button down for more than 1.5 seconds.</li> <li>• <b>Double press</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>
Alert with a siren if button is pressed	If active, <u><b>sirens added to the system</b></u> are activated after panic button pressing
Scenarios	Opens the menu for creating and configuring scenarios
User Guide	Opens the Button user guide
Temporary Deactivation	<p>Allows a user to deactivate the device without deleting it from the system.</p> <p>The device will not execute system commands and participate in automation scenarios. The panic button of a deactivated device is disabled</p> <p><u><b>Learn more about device temporary deactivation</b></u></p>
Unpair Device	Disconnects Button from the hub and deletes its settings

## Operating indication

Linking to security system	Green LEDs flash 6 times	The button is not registered in any security system
	Lights up green for a few seconds	Adding a button to the security system
Command delivery indication	Lights up green briefly	Command is delivered to security system
	Lights up red briefly	Command is not delivered to security system
Long press indication in Control mode	Blinks 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 security system has received and performed the command
	Briefly lights up red after the command delivery indication	The security system 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 security system  <b><u>Battery Replacement</u></b>

## 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
- Medical help
- 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.





An alarm if Button is pressed can also [run a scenario](#) in the Ajax security 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 **Button 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



When configuring a scenario for the [automation devices](#), which operate in pulse mode, the **Device Action** setting is not available. 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 FireProtect/FireProtect Plus 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.

## 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.

The pre-installed battery is sensitive to low temperatures and if the key fob is cooled significantly, the battery level indicator in the app may show incorrect

values until the key fob becomes warmer.

The battery level value is updated each time the button is pressed.

When the battery has run down, the user will receive a notification in the Ajax app, and the LED indicator will smoothly light up red and go out each time the button is pressed.

## How long Ajax devices operate on batteries, and what affects this

### Battery Replacement

## Technical Specifications

Number of buttons	1
LED backlight indicating command delivery	Available
Protection against accidental activation	Available, in panic mode
Radio communication protocol	Jeweller  <a href="#"><u>Learn more</u></a>
Radio frequency band	866.0 – 866.5 MHz 868.0 – 868.6 MHz 868.7 – 869.2 MHz 905.0 – 926.5 MHz 915.85 – 926.5 MHz 921.0 – 922.0 MHz Depends on the region of sale.
Compatibility	Operates with all Ajax <a href="#"><u>hubs</u></a> , and <a href="#"><u>radio signal range extenders</u></a> featuring OS Malevich 2.7.102 and later
Maximum radio signal power	Up to 20 mW
Radio signal modulation	GFSK
Radio signal range	Up to 1,300 m (without obstacles)
Power supply	1 CR2032 battery, 3 V
Battery life	Up to 5 years (depending on frequency of use)
Protection class	IP55

Operating temperature range	From -10°C to +40°C
Operating humidity	Up to 75%
Dimensions	47 × 35 × 13 mm
Weight	16 g
Service life	10 years

## Compliance with standards

## Complete Set

1. Button
2. Pre-installed CR2032 battery
3. Double-sided tape
4. Quick Start Guide

## Warranty

The warranty for the products manufactured by the Limited Liability Company “Ajax Systems Manufacturing” is valid for 2 years after purchase and does not extend to the bundled battery.

If the device does not function properly, we recommend that you first contact the support service as technical issues can be resolved remotely in most cases.

### Warranty obligations

### User agreement

## Contact technical support:

- e-mail
- Telegram
- Phone number: 0 (800) 331 911

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