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Button User Manual

Updated October 18, 2019

Button is a wireless panic button with protection against accidental activation. It can operate for up to 5 years on the bundled battery. It is connected to the Ajax security system via the Jeweller security protocol, with a transmission distance of up to 1300 m without obstacles.

⚠️ Button only connects to Ajax hubs. No provision is made for connection to the ocBridge Plus and uartBridge integration modules!
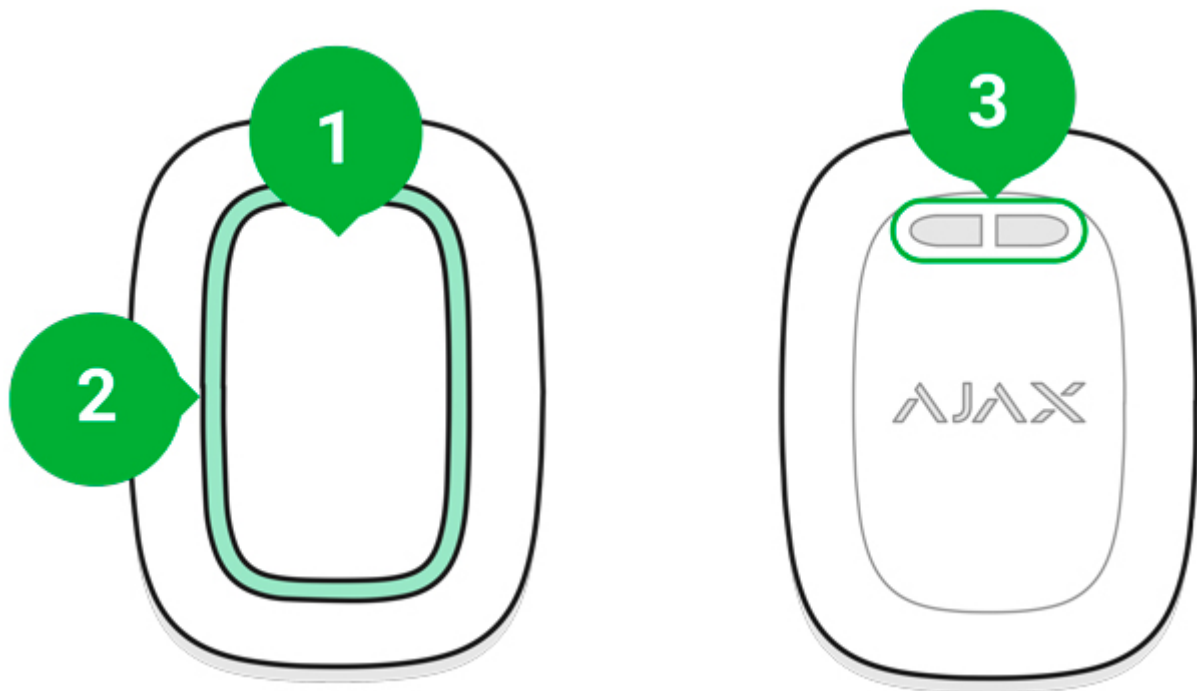
The button is linked to the security system and configured via Ajax applications for Windows, macOS, iPhone and Android smartphones. The users are alerted about all alarms and events via push notifications, SMS, and phone calls (if enabled).

The Ajax security system can be used for independent monitoring of the site and can be connected to the security company's Central Monitoring Station.

Buy panic button Button

Button is supported by the hubs with **OS Malevich 2.7.102** or higher. All hubs will be updated until the end of August 2019. To request an early-access firmware update, please fill out the form.

Functional elements

1. Alarm button

2. Indicator lights

3. Button mounting hole

Operating principle

Button is a wireless panic button that, when pressed, transmits an alarm to users, as well as to the security company's CMS.

The button is equipped with protection against accidental activation and transmits alarms at a distance of up to 1,300 m from the hub. Please be aware that the

presence of any obstructions that impede the signal (for example, walls or floors) will reduce this distance.

Button is easy to carry around. You can always keep it on a wrist or a neckless. The device is resistant to dust and splashes.

Connecting the button to the Ajax security system

Prior to initiating connection

1. Follow the hub instructions to install the Ajax application. Create an account, add a hub to the app, and create at least one room.

2. Enter the Ajax app.

3. Activate the hub and check your internet connection.

4. Ensure that the hub is not in armed mode and is not being updated by checking its status in the app.

⚠ Only users with administrative rights can add a device to the hub

In order to connect a Button

1. Click on **Add Device** in the Ajax app.

2. 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).

3. Click **Add** and the countdown will begin.

4. 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).
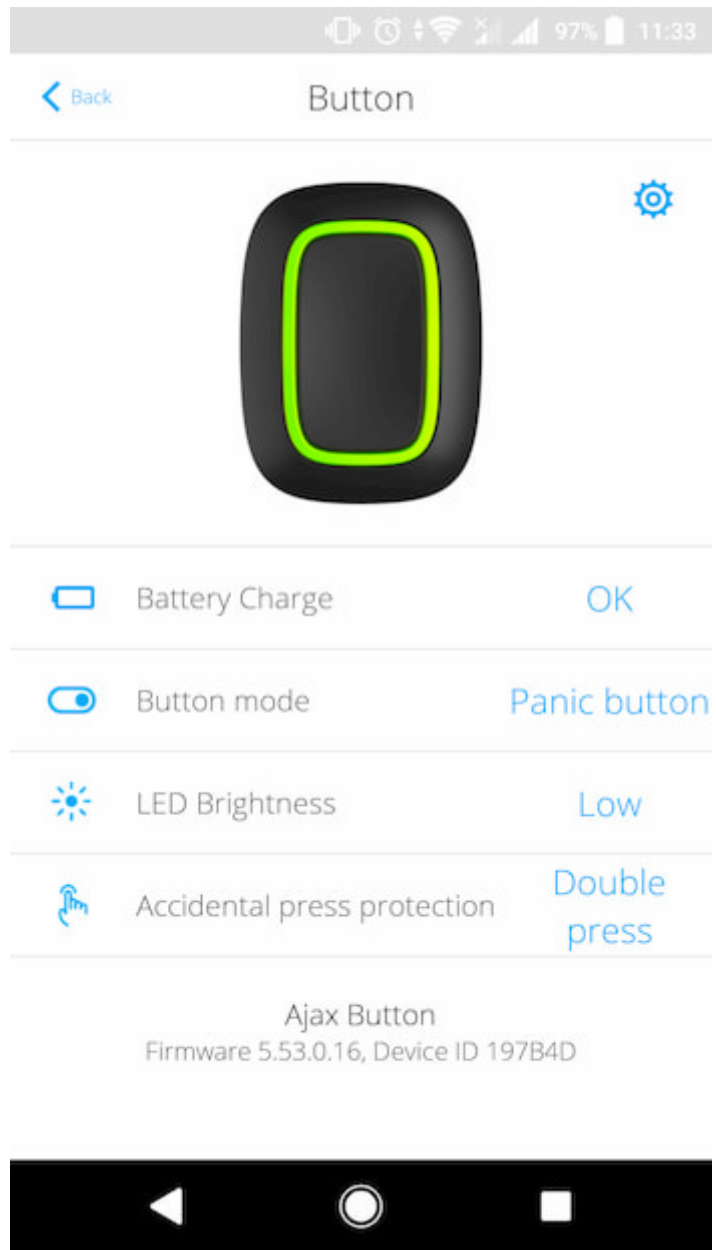
The connected button will appear in the list of hub devices in the application. Updating the statuses of the device in the list does not depend on the polling time value in the hub settings. Data is updated only by pressing the Button.

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 statuses can be viewed in the device menu:

1. **Ajax app** > **Devices** > **Button**
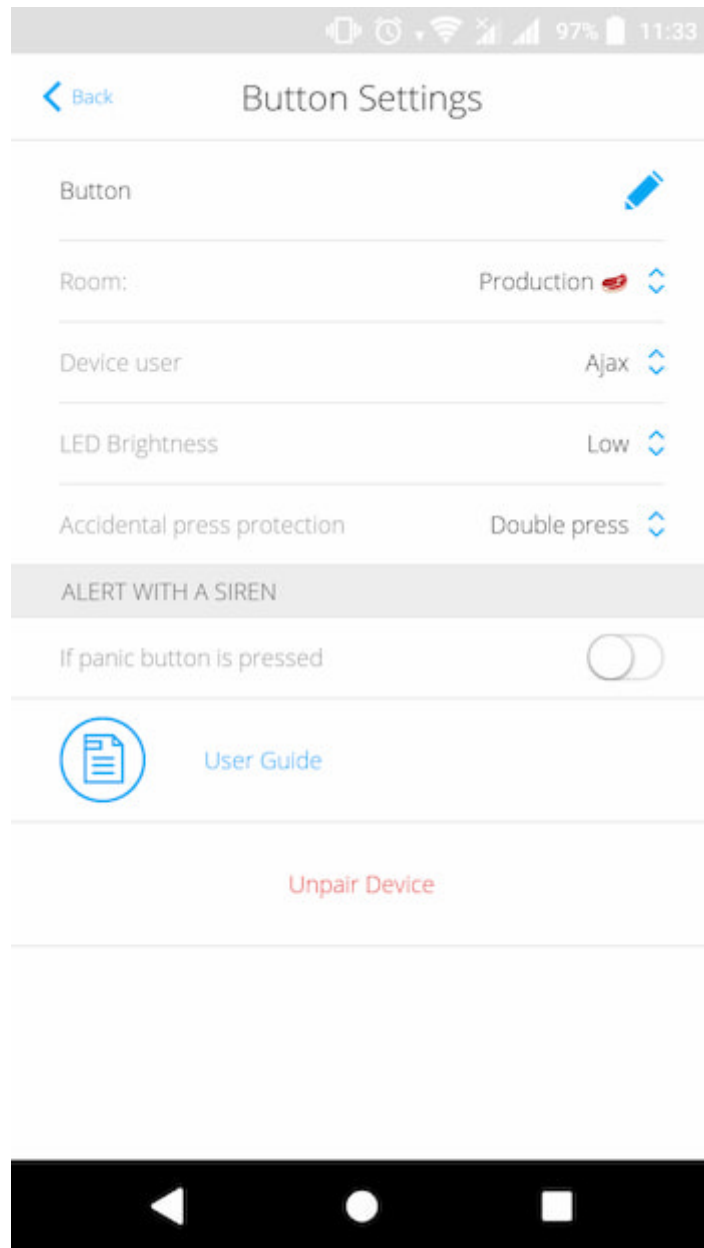
Parameter	Value
Battery charge	Button battery charge level. There are two statuses: Battery OK Battery low
Button operating mode	This displays the operating mode of the button. There are two modes: Panic button SmartButton (in development)

	SmartButton (in development)
Indicator light brightness	Displays current brightness level of indicator light: Disabled (no display) Minimum Maximum
Protection against accidental activation	Displays the selected type of protection against accidental activation: **Off** — protection disabled. **Delay when pressing** — in order to send alarm you should hold the button down for more than 1.5 seconds. **Double-pressing** — in order to send alarm you should double-press on the button with a pause of no more than 0.5 seconds.
Firmware	Button firmware version
ID	Device ID

Settings

You can adjust the device parameters in the settings section:

1. **Ajax app** > **Devices** > **Button** > **Settings**

Parameter	Value
First field	Name of the device, can be changed
Room	The choice of the virtual room that the device is assigned to
Button operating mode	This displays the operating mode of the button. There are two modes: Panic Button — sends an alarm when pressed SmartButton (in development)

Device user	Assigns a panic button user. After assignment, button presses will be displayed as events of the selected user
Brightness of indicator lights	This displays the current brightness of the indicator lights: Disabled (no display) Minimum Maximum
Protection against accidental activation	Displays the selected type of protection against accidental activation: **Off** — protection disabled. **Delay when pressing** — in order to send alarm you should hold the button down for more than 1.5 seconds. **Double-pressing** — in order to send alarm you should double-press on the button with a pause of no more than 0.5 seconds.
Firmware	Button firmware version
ID	Device ID

Note that any changes to the settings will be applied on the second click!

Operating indication

Button status is indicated with red or green LED indicators.

Category	Indication	Event
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 is delivered to security

	Lights up green briefly	system
Command delivery indication	Lights up red briefly	Command is not delivered to security system
Feedback Indication (follows the **Command Delivery Indication**)	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 **Feedback Indication**)	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.

Use cases

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.

Maintenance

When cleaning the key fob body, use cleaners that are suitable for technical maintenance.

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 key fob operation in normal use (one press per day). More frequent use may reduce battery life. You can check battery

level at any time 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 not updated on a regular basis, but only updates after pressing the button.
When the battery has run down, the user will receive a notification in the Ajax app, and the LED will steadily light up red and go out each time the button is pressed.

Battery Replacement

Technical Specifications

Number of buttons	1
LED backlight indicating command delivery	Available
Protection against accidental activation	Available
Frequency band	868.0 – 868.6 MHz or 868.7 – 869.2 MHz, depending on the sales region
Compatibility	Operates with **Hub**, **Hub Plus**, **Hub 2**, **ReX** 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	IP54
Operating temperature range	From -10°C to +40°C
Operating humidity	Up to 75%
Dimensions	47 x 35 x 13 mm

Weight	16 g

Complete Set

1. Button

2. Pre-installed CR2032 battery

3. Double-sided tape

4. Quick Start Guide

Get started

Select set
Security Comparison
How it works
Why Ajax

Request extra help

✉ support@ajax.systems

◎ @ajax_systems_support

Please fill the form and we will answer as soon as possible.

Send a request

Ask a quick question

📞 +38 044 538 13 10

📞 +38 066 022 44 32

📞 +38 068 597 36 07

Suggest a feature

We are always open to new ideas.

All ideas

Privacy policy

End user agreement

Warranty

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