Jeweller

Button Jeweller

Wireless smart button.

2 GRADE EN 50131

SIA CP-01

UL® LISTED

IP55

Detailed information about the device is available via QR code or by the link:

https://ajax.systems/support/devices/button

Key features

Button has **three operating modes**: Panic, Control of the relays and sockets, Mute fire alarms. The installer or user with admin rights can configure the mode in the Button settings remotely.

- No need of waking up the device for its triggering
- Protection against accidental alarm activation: double or long press
- Configuring in the Ajax mobile and desktop apps
- Pairing with the security system via QR code

Panic button

In Panic mode, Button supports one of 8 types of events: intrusion, fire, medical help, panic button, gas alarm, malfunction, leakage, or custom.

The custom type is used, for example, to notify about switching off the boiler. This event is displayed in the Ajax apps, but is not sent to the monitoring station, and to users via SMS.

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

Control of the automation devices

In Control mode, Button activates the automation devices: relays and smart sockets. The button can control one automation device or several devices at once.

The automation device can be activated with a long or short press. For example, turn on the light in the store with a Button short press and turn it off with a long one.

Encrypted two-way communication

The security company and users know exactly which button was triggered, the type of button alarm, and when and where it happened. Informative notifications and encrypted two-way communication are provided via the Jeweller radio protocol.

The maximum Button radio communication range with a hub or range extender is 1,300 meters in an open space. The protocol uses device authentication for each communication session to protect against spoofing.

Quick pairing and installation

Connecting and configuring process saves time of the installers. To add Button to the system, scan the QR code via Ajax app, assign the name to the device, and select the group. The button is configured remotely. The installer does not need to visit the facility to change the type of alarm or create an automation scenario.

Users can carry Button with them. For example, on a string or a key ring. If necessary, the button can be fixed on a flat surface using the Holder bracket. Holder sold separately.

Technical specifications

Compliance with standards	EN 50131 (Grade 2) SIA CP-01 UL2610
Event types	Intrusion Fire Medical help Gas alarm Panic button Malfunction Leakage Custom Adjusted by the PRO or user with admin rights. The type of event is indicated when Button Jeweller is in Panic mode
Communication with control panel or range extender	**Jeweller communication technology** **Frequency bands** 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 sales region **Maximum effective radiated power (ERP)** up to 20 mW **Radio signal range** up to 1,300 m Between the hub or range extender and Button
Compatibility	**Control panels** all Ajax hubs **Range extenders** all Ajax range extenders
Operation modes	1. Panic button 2. Control of the automation devices 3. Mute interconnected fire detectors alarms Adjusted by the PRO or user with admin rights
Protection against accidental press	Double or long press Adjusted by the PRO or user with admin rights. Protection can be enabled if Button Jeweller is in Panic mode

Communication with control panel or range extender	**Protection against spoofing** **device authentication**
Power supply	1 CR2032 battery
Enclosure	**Colour** black, white **Dimensions** 47 × 35 × 13 mm **Weight** 16 g

Operating parameters	**Operating temperature range** from −10°C to +40°C **Operating humidity** up to 75% **Protection class** IP55
Complete set	Button Jeweller 1 CR2032 battery Pre-installed Double-sided tape Quick Start Guide