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Tech specs

BASELINE

Ajax SpaceControl Jeweller

Wireless key fob with a panic button and control for security modes



Device compatibility

[Check](#)

Communication

Jeweller communication technology

Proprietary wireless communication technology to transmit commands, alarms, and events.

Key features:

- Two-way communication.
- Advanced sabotage protection.
- Block encryption featuring a dynamic key.
- Instant notifications.
- Remote control and configuration in Ajax apps.

Learn more 

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

Automatic power control to reduce power consumption and radio interference.

Radio signal modulation

GFSK

Radio communication range

up to 1,300 m

Between the device and a hub (or a range extender) in an open space.

Calculate the radio communication range at the facility >

Encrypted communication

All stored and transmitted data are protected by block encryption featuring a dynamic key.

Frequency hopping

To prevent radio interference and jamming.

Learn more >

Key features

Number of buttons

4

- System arming button.
- System disarming button.
- Night mode button.

- Panic button.

Group management

A user can select a security group that the key fob manages.

Assigning to a user

When a key fob is assigned to a user, its events are sent to Ajax apps under the user's name. The key fob has the same security mode management rights as the user.

Accidental press protection

long or double press

Available on key fobs with the firmware version 5.54.1.0 or higher manufactured from March 19, 2020.

Power supply

Battery

1 × CR2032

Pre-installed.

Type

type C

Full battery capacity

225 mAh

Device's nominal operating voltage

3 V₌₌

Quiescent device's current consumption at nominal voltage

0.7 µA

Maximum device's current consumption at nominal voltage

26 mA

Calculated battery life

up to 5 years

Manufacturer

Renata

Panasonic

Enclosure

Dimensions

65 × 37 × 10 mm

Weight of the white device

13 g

Weight of the black device

12.7 g

Operating temperature range

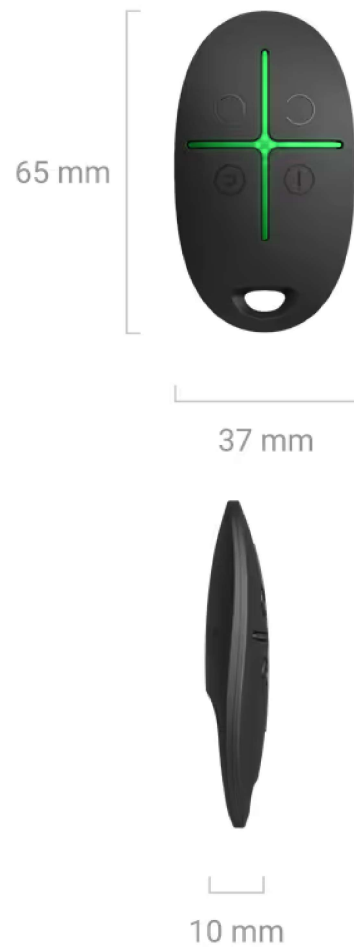
from -25 °C to +50 °C
from -25 °C to +50 °C

Operating humidity

up to 95%

Protection class

IP50, IK04



Colors

Black

White



Complete set

Ajax SpaceControl Jeweller

CR2032 battery (pre-installed)

Quick start guide

Certification and compliance with standards



Ajax SpaceControl Jeweller



Additional information

[Compliance with standards](#)

[User manual](#)

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Warranty

24 months

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Rating 4.8

4,000,000

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Ajax Desktop

Ajax PRO Desktop

Ajax Translator PRO

Ajax Cloud Signaling

Scenarios



Available on
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Available on
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