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Assemble kit

 DoubleButton Jeweller

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### Tech specs

**B**ASELINE

# DoubleButton Jeweller

Wireless hold-up device



Device compatibility

Check

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## 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 configuration in the 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 noise interference.

### Radio signal modulation

GFSK

### Radio signal range

up to 1,300 m

Between the panic button and control panel (or range extender) in an open space.

**Calculate the radio signal range at the facility** >

## Encrypted communication

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

## Frequency hopping

Radio communication uses frequency hopping to prevent interception and jamming.

**Learn more** >

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## Key features

### Number of buttons

2

### Accidental press protection

both buttons pressing  
protective plastic divider

### Alarm confirmation

with one DoubleButton or several

To raise a confirmed alarm (hold-up event), you need to perform the selected action.

**How to set up an alarm confirmation for the hold-up device** >

## LED backlight indicating command delivery

The LED brightness is adjusted in Ajax apps.

## Alarm scenario

by the DoubleButton pressing

The control mode for automation devices is not supported.

How to configure the scenario by alarm >

## Recommendations

Use Holder to fix DoubleButton Jeweller on surfaces.

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## Sabotage protection

## Protection against spoofing

device authentication

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## Power supply

### Battery

1 × CR2032

Pre-installed.

### Calculated battery life

up to 5 years

### Device's operating voltage range

1.8–3.3 V<sub>DC</sub>

### Device's nominal operating voltage

3 V<sub>DC</sub>

### Quiescent device's current consumption at nominal voltage

0.54 µA

### Maximum device's current consumption at nominal voltage

34.8 mA

### Full battery capacity

235 mAh

### Low battery voltage

2.2 V<sub>DC</sub>

## Low battery recovery voltage

2.3 V<sub>≡</sub>

## End-of-life battery voltage

1.8 V<sub>≡</sub>

Device is switched off.

## End-of-life battery capacity

40 mAh

## Manufacturer

Panasonic

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## Enclosure

### Dimensions

47 × 35 × 16 mm

### Weight

17 g



### Operating temperature range

from -10 °C to +40 °C

### Operating humidity

up to 75%

## Protection class

IP55



16 mm

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## Colors

Black



White



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## Complete set

DoubleButton Jeweller

CR2032 battery (pre-installed)

Quick start guide

## Certification and compliance with standards



DoubleButton Jeweller



### Additional information

**Compliance with standards**

[Learn more >](#)

**User manual**

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**Warranty**

24 months

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Subscribe to our emails about secure life. No spam.

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### Request extra help

- ✉ support@ajax.systems
- 📍 @AjaxSystemsSupport\_Bot
- 💬 Send a request

 **4,500,000**  
 people worldwide under Ajax protection  
 Rating 4.8

💡 Suggest a feature



### Products

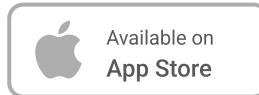
- Intrusion protection
- Video surveillance
- Fire and life safety
- Comfort and automation
- All products
- Services
- System integrations
- Ajax Ready products
- Fibra wired protocol
- Ajax radio protocols

### Solutions

- Customer stories
- Solutions by facility type
- Commercial fire detection and alarm system
- Wireless Grade 3 solution
- Video surveillance solution

### Software

- Ajax Security System
- Ajax PRO: Tool for Engineers
- Ajax Desktop
- Ajax PRO Desktop
- Ajax TV
- Ajax Translator PRO
- Ajax Cloud Signaling
- Scenarios



### Support

- Manuals and articles
- Compliance with standards

### Tools

- Ajax device compatibility

[Integration with Yale smart locks](#)

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[How it works](#)

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