Tech specs

SUPERIOR

Superior DoubleButton G3 Jeweller

Wireless hold-up device for high-risk facilities



Device compatibility

Check

Communication

Superior Jeweller data transfer protocol

Proprietary wireless protocol for transmitting commands, alarms, and events. An upgraded version of the Jeweller radio protocol for Superior devices, ensuring compliance with Grade 3 (EN 50131).

Key features:

- Two-way communication.
- Advanced sabotage protection.
- Enhanced block encryption with a dynamic key.
- Instant notifications.
- Remote configuration in the Ajax apps.

Learn more

Frequency bands

865.0–868.0 MHz
868.0–868.6 MHz
868.7–869.2 MHz
869.4–869.65 MHz

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 1,500 m

Between the hold-up device and control panel (or range extender) in an open space. The maximum range depends on the hub model.

Calculate the radio signal range at the facility

Encrypted communication

All stored and transmitted data is protected with advanced encryption, ensuring both confidentiality and integrity.

Frequency hopping

Radio communication uses frequency hopping to prevent interception and jamming.

Learn more

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 Superior DoubleButton G3 Jeweller on surfaces.

Sabotage protection

Protection against spoofing

device authentication

Power supply

Battery

1 × CR2032

Pre-installed.

Calculated battery life

up to 5 years

Up to 4 years until **Low Battery** status.

Learn more

Device’s operating voltage range

1.8–3.3 V⎓

Device’s nominal operating voltage

3 V⎓

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

2.3 V⎓

Low battery recovery voltage

2.5 V⎓

End-of-life battery voltage

1.8 V⎓

Device is switched off.

End-of-life battery capacity

40 mAh

Manufacturer

Panasonic

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

Colors

Black



White



Complete set

Superior DoubleButton G3 Jeweller

CR2032 battery (pre-installed)

Quick start guide

Certification and compliance with standards



Superior DoubleButton G3 Jeweller

Additional information

Compliance with standards

Learn more

User manual

Learn more

Warranty

24 months

Learn more

Subscribe

Subscribe to our emails about secure life. No spam.

Subscribe

Request extra help

support@ajax.systems

@AjaxSystemsSupport_Bot

Send a request

Trustpilot

★★★★★

Rating 4.8

4,000,000

people worldwide under Ajax protection

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

Software

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

Available on App Store

Available on Google Play

Solutions

- Customer stories
- Solutions by facility type
- Commercial fire detection and alarm system
- Wireless Grade 3 solution
- Video surveillance solution
- Upgrades and retrofits
- Why Ajax
- How it works

Support

- Manuals and articles
- Compliance with standards

Tools

- Ajax device compatibility
- CMS software compatibility
- Ajax Services availability
- Video storage calculator
- Video device calculator
- Battery life calculator
- Radio communication range calculator
- Switches and outlets configurator
- Fibra power supply calculator

All web tools

Monitoring solutions and integrations

Intrusion alarm monitoring

Video monitoring and visual alarm verification

Audio alarm verification

Company

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For partners

Ajax Academy

Partner Portal

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