

# Keypad Outdoor Jeweller

Wireless keypad supporting authentication via Pass, Tag, smartphones, and codes. For outdoor and indoor use.

## Contactless authorization

- Pass cards and Tag key fobs supporting DESFire® technology
- Smartphones with Bluetooth via BLE technology
- Remote configuration of access control devices
- Protection against authentication via unauthorized access devices

## Management with codes

- Four types of codes: for registered users, for unregistered users, a keypad code, and an RRU code
- Keypad locking when someone tries to guess the code
- Duress code: if a user is forced to disarm the facility
- Remote management: codes can be created, changed, or removed in Ajax apps

## Sabotage resistance

- Tamper alarm: the enclosure is hardwired with two tamper buttons
- IK08 enclosure impact protection
- Device authentication to prevent spoofing
- Holding screw to secure the device on SmartBracket
- Panic button in case of emergencies

## Jeweller communication technology

- Up to 1,700 m (5,550 ft) of radio communication between the keypad and a hub or range extender in an open space
- Data is encrypted throughout the transmission process
- Regular polling to display current device states
- Frequency hopping to prevent radio interference and jamming



IN PROGRESS:



## Additional features

Big mechanical buttons with a resilient press mechanism for easy and fast access, even in gloves

Automation devices control along with security mode change

A built-in buzzer to inform about alarms, security mode changing, Chime, etc.

Authorization confirmation: arming/disarming using access control devices requires confirmation with a code

Bypass mode: initiated at entry/exit delay in case of changing security mode to confirm arming/disarming via the main keypad

Up to 3 years of battery life with automatic low battery notifications

# Quick installation and setup

- IP66 enclosure for outdoor and indoor use
- Installation without disassembling the enclosure
- Built-in bubble level for a perfectly accurate mounting position
- Pairing with a hub via QR code
- Remote control and configuration via Ajax apps
- All the necessary fasteners included in the installation kit

<p><b>Compliance with standards</b></p> <p>EN 50131 (Grade 2)</p> <p><b>Compatibility</b></p> <p>For detailed information, scan the QR code or follow the link:</p>  <p><a href="https://ajax.systems/tools/devices-compatibility/?models=KP.O.J">ajax.systems/tools/devices-compatibility/?models=KP.O.J</a></p>	<p><b>Communication with a control panel</b></p> <p><b>Jeweller communication technology</b></p> <p><b>Frequency bands</b>        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</p> <p><b>Communication range</b>        up to 1,700 m        up to 5,550 ft        In an open space</p> <p><b>Polling interval</b>        12–300 s        Adjusted by a PRO or user with admin rights in Ajax apps</p>	<p><b>Features</b></p> <p><b>Contactless access</b>        Pass cards and Tag key fobs (up to 200 devices)        Support for BLE (up to 200 smartphones)</p> <p><b>Access codes</b>        up to 200 personal codes for registered users        up to 99 codes for unregistered users        1 keypad code</p> <p><b>Duress code</b>        up to 200 personal duress codes        1 keypad duress code</p> <p><b>Panic button</b></p>	<p><b>Installation</b></p> <p><b>Operating temperature range</b>        from –25 °C to +60 °C        from –13 °F to 140 °F</p> <p><b>Operating humidity</b>        up to 80%</p> <p><b>Protection class</b>        IP66</p> <p><b>Impact protection</b>        IK08 (in progress)</p>
<p><b>Power supply</b></p> <p><b>Battery</b>        2 × CR123A battery (pre-installed)</p> <p><b>Battery life</b>        up to 3 years</p> <p><b>Optional external power supply</b>        10.5–14 V<sup>DC</sup>, up to 1 A</p>	<p><b>Enclosure</b></p> <p><b>Color</b>        white, graphite, black</p> <p><b>Dimensions</b>        170 × 45 × 31,5 mm        6.69" × 1.77" × 1.24"</p> <p><b>Weight</b>        258 g        9.1 oz</p> <p><b>Tamper alarm</b></p>	<p><b>Complete set</b></p> <p>KeyPad Outdoor Jeweller        SmartBracket mounting panel        Installation kit        Quick start guide</p>	



For detailed information, scan the QR code or follow the link:

[ajax.systems/support/devices/keypad-outdoor-jeweller](https://ajax.systems/support/devices/keypad-outdoor-jeweller)

-  [support@ajax.systems](mailto:support@ajax.systems)
-  [@AjaxSystemsSupport\\_Bot](https://twitter.com/AjaxSystemsSupport_Bot)
-  [ajax.systems](https://www.ajax.systems)