

# Ajax Superior KeyPad TouchScreen G3 Jeweller

Wireless keypad with a touch screen, supporting authentication via Pass, Tag, smartphones, and codes

Superior products are available exclusively to accredited Ajax Systems partners for sales, installation, and maintenance, creating a protected, high-value revenue channel.

## Intelligent security and automation management

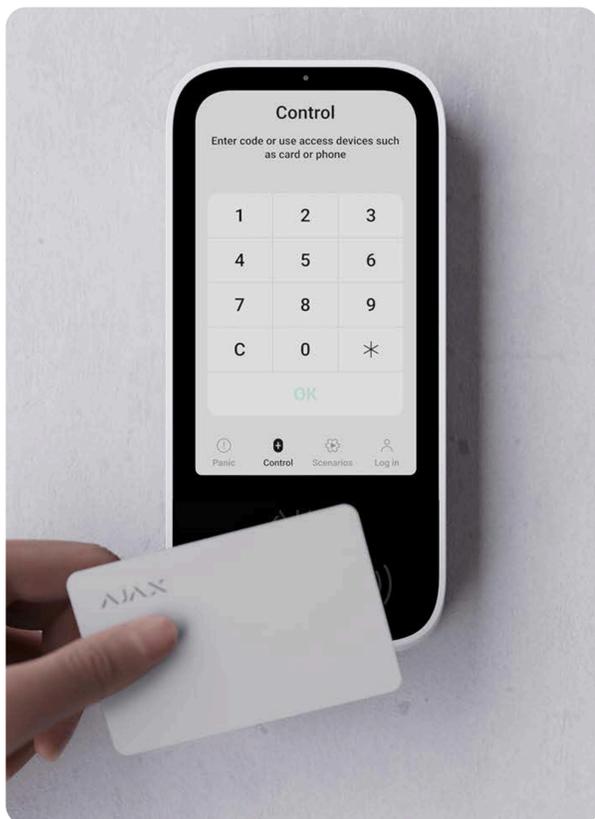
Superior KeyPad TouchScreen G3 Jeweller is designed for intuitive and convenient system control. Its graphical interface, sound notifications, and LED indication ensure that user commands and system responses are delivered without fail. Users can view the latest alarms and events directly on the keypad to stay informed about recent system activity. If a malfunction is detected during the integrity check, the keypad clearly indicates the cause. This way, users are always aware of the system state and any actions to be taken.



3  
GRADE  
EN 50131

PD 6662  
2017

## Three fast and secure authentication methods



Pass cards or Tag key fobs



Smartphones



Codes

## Key features

- Easy security group and Night mode management
- Control tab for automation devices with support for up to 6 scenarios and toggles indicating the current device state<sup>1</sup>
- Sound and LED indication for alarms, opening doors (Chime), entry/exit delays, and other events
- Activation when a user brings a hand close to the device, and during entry delays
- Automatic backlight brightness adjustment
- On-screen notification specifying the cause of a malfunction when arming the system
- Log with the recent system events available directly from the keypad screen

## Exceptional touch screen experience

- 5-inch screen with a resolution of 480 × 854 px
- Screen protection against scrapes, scratches, etc.
- Automatic brightness adjustment depending on the lighting in the room
- 32 interface languages
- Black and white theme

## Superior Jeweller and Wings communication technologies

- Up to 2,500 m (8,200 ft) of radio communication<sup>2</sup> in open space
- Enhanced data encryption
- Regular polling to display current device states
- Device authentication to prevent spoofing

## Sabotage resistance

- Tamper alarm on device detachment
- Holding screw for securing the keypad
- Detection of communication loss between the keypad and the hub
- Protection against code guessing, card copying, and the use of third-party devices
- Frequency hopping for radio interference and jamming protection

## All set in case of emergency

- Auto-locking in case of an attempt to guess the code
- Duress codes to simulate system disarming while sending a silent alarm to the security company
- Protection against authentication via unauthorized access devices
- Three emergency buttons: panic, fire, and auxiliary alert
- Detailed fire alarm indication and mute option on the screen

## System supervision

- Low battery notifications and status display in Ajax apps
- Malfunction notifications

## Easy installation and setup

- Adding to the system via a QR code
- Installation without enclosure disassembly
- Remote control and configuration in mobile and desktop Ajax apps
- Installation kit with all necessary fasteners
- Up to 1.5 years of operation on enhanced pre-installed batteries
- Possibility to connect an external 12 V== power supply
- Over-the-air firmware updates<sup>3</sup>

### Compliance with standards

EN 50131 (Grade 3)  
PD 6662:2017

### Compatibility with hubs and range extenders

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



[ajax.systems/tools/devices-compatibility/?models=KPT.G3.J](https://ajax.systems/tools/devices-compatibility/?models=KPT.G3.J)

### Communication with a hub or range extender

#### Wings communication technology

#### Communication range<sup>2</sup>

up to 1,700 m  
up to 5,550 ft  
In open space

#### Superior Jeweller communication technology

#### Frequency bands

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

The device supports all four bands

#### Communication range<sup>2</sup>

up to 2,500 m  
up to 8,200 ft  
In open space

### Features

#### Contactless access

Pass cards and Tag key fobs  
up to 50 devices  
Support for BLE  
up to 50 smartphones

#### Access codes

personal codes for registered users  
codes for unregistered users  
keypad code  
RRU codes

#### Duress code

personal duress codes  
keypad duress code

#### Emergency buttons

alarm, fire, auxiliary alert

### Display

#### Type

IPS, capacitive touch screen

#### Diagonal

5"

#### Resolution

480 × 854 px

Power supply	Installation	Enclosure	Complete set
<b>Battery</b> 6 × AA battery pre-installed  <b>Battery life</b> up to 1.5 years  <b>Backup</b> optional external 12 V <sup>==</sup> power supply	<b>Operating temperature</b> -10 °C to +40 °C 14 °F to 104 °F  <b>Operating humidity</b> up to 75%	<b>Color</b> white, black  <b>Dimensions</b> 171.5 × 82.1 × 26 mm 6.77" × 3.23" × 1.02"  <b>Weight</b> 327 g 11.54 oz	Ajax Superior KeyPad TouchScreen G3 Jeweller 6 × AA battery (pre-installed) Installation kit Quick start guide

<sup>1</sup> When the keypad controls automation devices that operate in the bistable mode.

<sup>2</sup> Communication range depends on the hub model. More information: [ajax.systems/hub-compare/](https://ajax.systems/hub-compare/)

<sup>3</sup> When an external power source is available



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

[ajax.systems/support/devices/superior-keypad-touchscreen-g3-jeweller/](https://ajax.systems/support/devices/superior-keypad-touchscreen-g3-jeweller/)

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