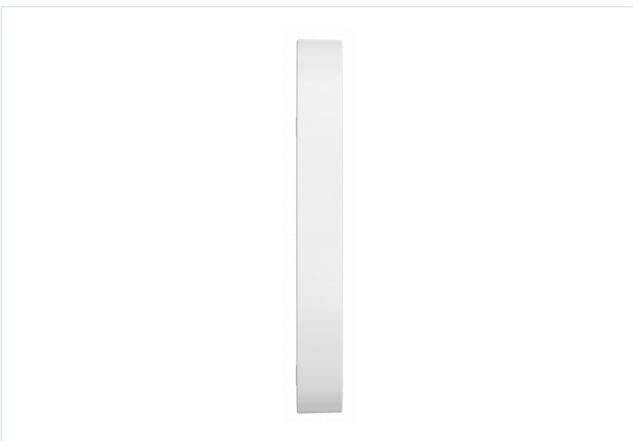
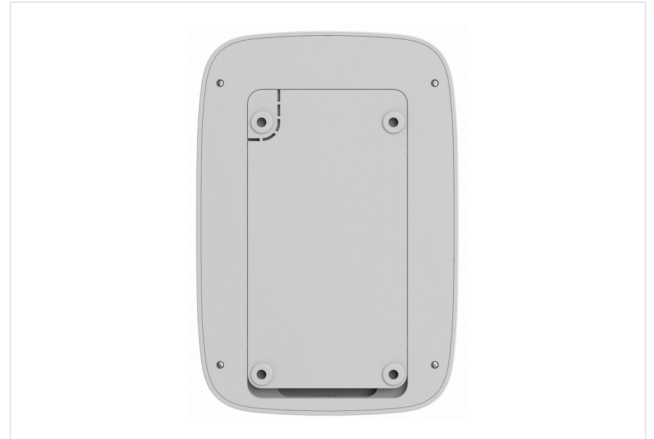


AJAX-KP-PLUS-W

Ajax - Keypad Plus Jeweller - Wireless White Indoor Keypad

Product Overview

Ajax - Keypad Plus Jeweller - Wireless White Indoor Keypad, Up to 4.5 years of Battery Life, Remote control via App, Panic Button, Two-stage arming, Contactless, 1948492-83-WH1



Specifications

Overview:

KeyPad Plus

Wireless touch keypad supporting encrypted contactless cards and key fobs

Contactless control without reliability compromises

KeyPad Plus is a combination of design, advanced encryption technology, and elaborated user experience for the most straightforward and protected security management. Arm and disarm Ajax, activate Night Mode and manage specific groups with a Pass card or Tag key fob.

Features:

Top-tier data protection

To identify users quickly and securely, KeyPad Plus features the DESFire technology. It is the best-in-class contactless

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solution to identify a user by card or key fob.

DESFire is based on the ISO 14443 international standard and combines comprehensive 128-bit encryption and copy protection. This technology is also used in transportation systems of European capitals and access systems at NASA.

Outstanding autonomy

The all-new KeyPad Plus firmware gets the most out of the pre-installed batteries. Even with daily use of the contactless identification function, the keypad will work for 3.5 years without replacing batteries. And with the card and key fob reader disabled, the battery life reaches 4.5 years. KeyPad Plus will warn a monitoring station and users in advance about the need to replace the batteries.

Remote access control

Set up personal codes to know who and when disarmed the system: a username is displayed in the notification and in the event log. Pass or Tag can also be assigned to a specific user with defined permissions to control security of specific groups or the entire site. Ajax app allows you to manage access permissions in real time. You can limit, extend, or instantly block access.

Adding users. Fast and easy.

Ajax systems support up to **200 Tag key fobs or Pass cards**. When adding them, you do not need to create Ajax accounts for new users, you just need to name a device and define access permissions. This makes it easier to delegate access to the system control to temporary employees or incoming staff.

Access for unregistered users

KeyPad Plus supports up to 99 keypad access codes for people not registered in the Ajax system. Thanks to this feature, there is no need to create accounts for office employees, a cleaning company, or a realtor: it is enough to assign an access code to a person in the hub settings.

- Creating and editing codes remotely
- Notifications for adding, removing, and deactivating code
- A unique name and ID binding to identify the user

Security mode indication

Light and sound indication of KeyPad Plus allows controlling the security status without the Ajax app. The volume and brightness of the backlight is adjustable.

- Armed
- Disarmed
- Night Mode
- Malfunction detected

Tamper

Users and a security company receive a notification when someone removes the keypad from the mount

Blocking when guessing a code

Three wrong codes entered in a row block the keypad and trigger an alarm

Authentication

If there is an attempt to use an invalid card or key fob, the system activates an alarm

Polling intervals

The system detects the communication loss with the keypad in less than a minute

Silent alarm transmission to a monitoring station

If attackers force to disarm the system

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Duress code allows you to simulate disarming via KeyPad Plus. The user is not disclosed by sirens, the app and the keypad indication, but the alarm signal is instantly transmitted to a central monitoring station .

Guaranteed alarm delivery

We have developed the Jeweller radio protocol to ensure the uninterrupted operation of all system devices. The radio protocol uses time frames to synchronize communication of connected devices, authentication to eliminate spoofing, and encryption to protect against hacking.

About

- Two-way communication at a distance of up to 1,700 meters
- 5 radio signal range extenders in a system
- Adjustable ping interval from 12 seconds
- KeyPad Plus
- Relay
- Electrovalve
- Roller shutters

Smart security management console

Use scenarios to shift your daily routine to Ajax. When arming, the system turns off the lights, the water and electrical appliances, closes the roller shutters, all in one touch on KeyPad Plus.

Hassle-free installation

KeyPad Plus is connected and configured in Ajax apps. No need to disassemble the enclosure or install batteries. Pairing with the system is done via simply scanning a QR code. An installer only needs to test the device, add cards and set up access permissions.

Specifications:

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Specifications	
Product Code	AJAX-KP-PLUS-W
Keypad type	Capacitive touch keypad
Installation	Indoor only
Compatibility	Hub Plus, Hub 2, Hub 2 Plus, Hub Hybrid, radio signal range extenders with OS Malevich 2.11 and higher
Personal codes	Yes
Protection against code guessing	Yes
Duress code	Yes
Contactless access	DESFire EV1, EV2
	ISO14443-A (13, 56MHz)
Power supply	Batteries: 4 lithium AA (FR6)
	Voltage 1.5V
	Battery life: up to 4.5 years
Temperature sensor	Yes

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Jeweller radio technology	Communication range with control panel - up to 1,700 m
	Two-way communication between devices
	Radio 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
	Block encryption with a dynamic key
	Polling interval - 12-300 s
Anti-sabotage	Authentication
	Jamming detection
	Tamper alarm
Operating temperature range	From -10 degreesC to +40 degreesC
Operating humidity	Up to 75%
Dimensions	165 x 113 x 20 mm
Weight	267 g
Certification	EN 50131, complies with the requirements of the technical regulations for radio equipment
Complete set	KeyPad Plus
	SmartBracket mounting panel
	4 x AA battery (pre-installed)
	Installation kit
	Quick Start Guide

Product Information Online

For the latest product information, availability and purchasing details, please visit the product page:

Product page: <https://www.comx.co.za/AJAX-KP-PLUS-W-Ajax-Keypad-Plus-Jeweller-Wireless-Buy-p-284635.php>

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If you identify an error or discrepancy, please report it to us so that we may investigate and correct it where necessary.