



KeyPad Plus

KeyPad Plus is a wireless indoor touch-sensitive keyboard to control the Ajax security system with contactless access devices: cards, tags, and smartphones.



Contactless access



Antisabotage protection



Remote access management



Up to 3 years from battery

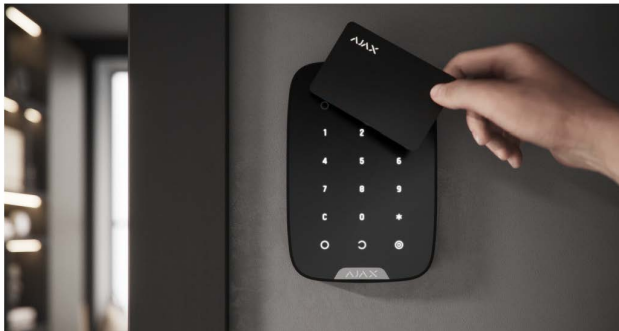
The Ajax hub is required for operation
Find the list of compatible hubs on the official website



ajax.systems/support/devices/keypad-plus

Contactless access for users

With KeyPad Plus, it is no longer necessary to create an Ajax account for new users. Just provide a person with an RFID tag or card to grant them access to the whole security system or particular groups. A smartphone with Ajax app and Bluetooth enabled works as an access device.



RFID reader uses the DESFire® encrypted protocol protecting cards/tags from sniffing and copying



Interaction via Bluetooth® LE is additionally encrypted against hacking and forgery

Remote access management for owners

KeyPad Plus events are recorded in the system event feed. If an access device is lost, the owner can disable it instantly in the Ajax app, and the user can use a personal passcode instead. All user permissions can be changed remotely and in real-time.



Up to 200 users



Up to 200 cards or tags



Personal passcodes



Partial security control

Advanced antisabotage

KeyPad Plus features protection against code guessing. After several attempts to guess the passcode or use an invalid card/tag, the keypad is locked. Users and a security company receive notifications about such attempts or when the keypad is removed from the mount/lost communication.



Protection against code guessing



Tampering alarm



Duress code



Guaranteed commands delivery

We've developed the Jeweller radio protocol to ensure system communication. The radio protocol uses frames to synchronize device communications, authentication to prevent forgery, and encryption to protect against hacking.

Two-way communication
at a distance of
1,700 meters

5 ReX
radio signal range
extenders in the system

Adjustable ping from
12 seconds

Ajax Pass & Tag

the access devices for KeyPad Plus

Pass and Tag have the same functionality but different shape – pick the most convenient for you.

One Tag or Pass can manage up to 28 security systems.

Access devices are sold separately in batches of 3/10/100



Tech Specs

Color	black/white	Installation	indoors
Radio communication range	up to 1,700 m	Power supply	4 × AA batteries, 1.5 V
Communication protocol	Jeweller Two-way encrypted communication	Battery life	up to 3 years (typical use)
Frequency band	868,0–868,6 MHz (depends on the region of sale)	Operating temperature range	from -10°C to +40°C
RFID	MIFARE DESFire EV1, EV 2 ISO14443-A (13.56MHz)	Operation humidity	up to 75%
Access device capacity	up to 200 card or tags (depending on the hub model)	Dimensions	165 × 113 × 20 mm
Smartphone support	Android, iOS with Bluetooth LE 4.2 and higher	Weight	267 g
Compliance	Grade 2 EN 50131 PD 6662:2017	Fixing	SmartBracket
Complete set	KeyPad Plus SmartBracket mounting panel 4 x AA batteries (pre-installed) Installation kit Quick start guide	Environmental class	II