



KeyPad Combi

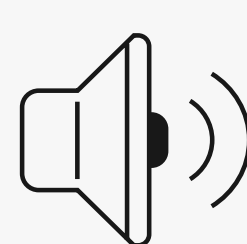
KeyPad Combi is a wireless indoor keypad with an in-built siren. Featuring an RFID reader, KeyPad Combi allows managing the security modes with a contactless access device: Tag or Pass.



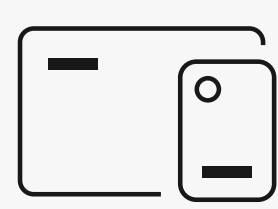
Grade 2 EN50131

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

 ajax.systems/support/devices/keypad-combi



Siren volume
81–105 dB



Contactless
access



Remote access
management



Antisabotage
protection



Up to 3 years from
battery (TBC)



Advantageous combo

To reduce cost per installation, KeyPad Combi features a 105 dB in-built siren attracting attention to alarms. Flexible settings in the Ajax app allow not to disturb neighbours due to specific devices' operation and set appropriate alarm volume.

- Two devices in one
- Remote programming in the app
- Adjustable siren volume and duration
- Entry/exit delay indication

Contactless access for users

With KeyPad Combi, 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.

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



Remote access management for owners

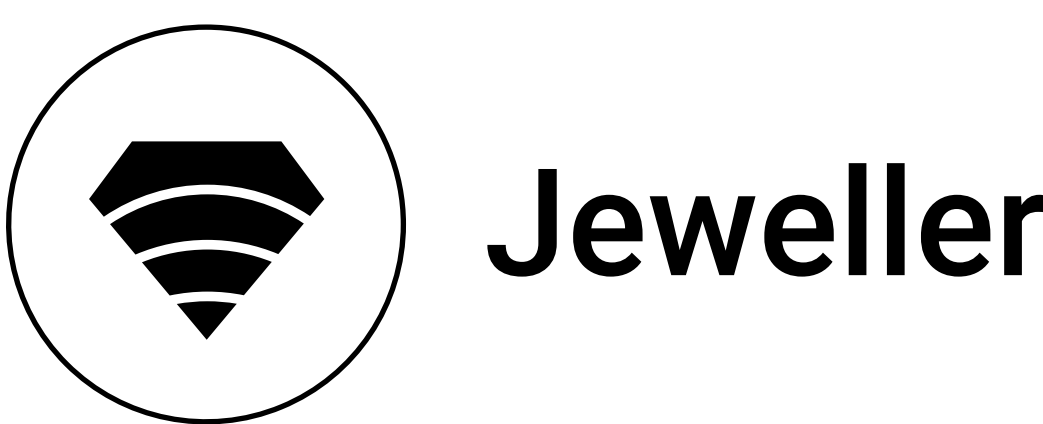
KeyPad Combi events are recorded in the system event feed. If an access device is lost, the owner can disable it instantly in the Ajax app, and the user can use a personal passcode instead. All user permissions can be changed remotely and in real-time.

-  Up to 200 users
-  Up to 200 cards or tags
-  Personal passcodes
-  Partial security control

Advanced antisabotage

KeyPad Combi 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
-  Protection against invalid access devices
-  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 Combi

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	Fixing	SmartBracket
Communication protocol	Jeweller Two-way encrypted communication	Power supply	4 x CR123, 3 V
Frequency band	868.0–868.6 MHz (depends on the region of sale)	Battery life	up to 3 years (TBC)
Alarm volume	Adjustable 81–105 dB	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	115 x 182 x 27 mm
Compliance	Grade 2 EN 50131 PD 6662:2017	Weight	275 g
Environmental class	II – Indoor – General	Complete set	KeyPad Combi SmartBracket mounting panel 4 x CR123A batteries (pre-installed) Installation kit Quick start guide