AJAX | Quick Start Guide EN

Security control panel
Model Name: **Ajax Hub**

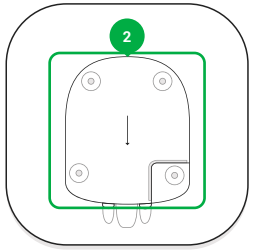
Wireless security control panel

The Hub coordinates operation of the Ajax security system supporting connection to up to 100 devices via the Jeweller wireless protocol, with an effective communication range of up to 2,000 meters without obstacles. The hub is controlled via a mobile application from any point of the world, and an Internet connection is required for operation. For reliability, two communication channels are used - wire Ethernet channel and the GSM network of a mobile operator (GPRS). If any problem occurs, both you and the security company will be notified immediately. The Hub is equipped with an accumulator unit providing up to 14 operational hours.

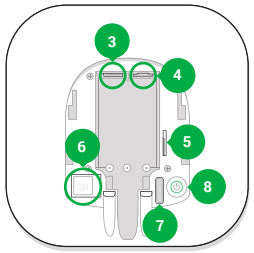
IMPORTANT: This Quick Start Guide contains general information about the Hub. Before using the device, we recommend to reviewing the User Manual on the website: ajax.systems/support/hubs

FUNCTIONAL ELEMENTS

1 - Logo with a light indicator.



2 - SmartBracket attachment panel.



3 - Socket for connecting a power supply cable.
4 - Socket for connecting an Ethernet cable.
5 - Slot for installing a card of a cellular service provider (Micro SIM type).
6 - QR code.
7 - Tamper button.
8 - On/Off button.

LOCATION SELECTION AND INSTALLATION

There should be a reliable communication with the Ajax security devices connected to the hub, as well as the Internet access - via the GSM (GPRS) network and/or Ethernet. It is desirable that the hub is kept close to the vest.

Do not position the Hub:

1. Outside the premises (outdoors).
2. Nearby any metal objects and mirrors causing radio signal attenuation or screening it.
3. In places with a high radio interference level.
4. Within any premises with the temperature beyond the range of permissible limits.

The SmartBracket panel is mounted on the surface with screws or any other no less reliable attachment hardware. The hub should be fixed on the panel with the bundled screws.

In installing and operating the Hub, follow the general electrical safety regulations for using electrical appliances, as well as the requirements of regulatory legal acts on electrical safety. It is strictly prohibited to disassemble the device under voltage and use it with the damaged power cord.

CONNECTION AND SETTING UP

1. By moving the SmartBracket panel down, connect the power cables and Ethernet to the sockets, as well as install a SIM card of the mobile operator with the disabled PIN code request.
2. Switch on the hub by pressing the button for 2 seconds and wait for a minute - the logo will change colour to white. If the logo lights red or green, follow the instructions and recommendations in the User Manual.
3. Install a mobile application or open a web application in your browser and create an Ajax account.
4. Following prompt messages, add the hub to the application - it will appear in the list of devices and will update the system information in a minute.
5. You may set up notifications for each of the users in the hub settings: Push notifications, SMS messages and telephone calls If you need to adjust parameters of the Ethernet and GSM connections, as well as the Jeweller protocol.

CONNECTING THE AJAX TO A SECURITY COMPANY

Connection to the central monitoring station is made via the Contact ID protocol. List of organizations supporting the Ajax system is available in the menu "Security companies" in the Hub settings.

TECH SPECS

Maximum number of connected devices	100
Maximum number of logical rooms	50
Maximum number of the Hub users	50
Power supply	110 - 250 V
Accumulator unit	Li-Ion 2 Ah (up to 14 hours of autonomous operation*)
Anti-tamper switch	Yes
Frequency band	868.0-868.6 mHz
Maximum RF output power	Up to 25 mW
Modulation	FM
Radio signal	Up to 2,000 m (any obstacles absent)
Communication channels	GGSM 850/900/1800/1900 MHz GPRS, Etherne
Operating temperature range	From 0°C to +50°C
Overall dimensions	162.7 x 162.7 x 35.9 mm
Weight	330 g

* In case of inactive Ethernet connection.

IMPORTANT INFORMATION

This product can be used across all EU member states.

This device in compliance with the essential requirements and other relevant provisions of Directive 2014/53/EU. All essential radio test suites have been carried out.

CE

CAUTION: RISK OF EXPLOSION IF BATTERY IS REPLACED BY AN INCORRECT TYPE. DISPOSE OF USED BATTERIES ACCORDING TO THE INSTRUCTIONS

COMPLETE SET

1. Hub.
2. Power supply cable.
3. Ethernet cable.
4. Installation kit.
5. GSM start package.**
6. Brief User Guide.

** Available not in all countries.

WARRANTY

Warranty for the Ajax Systems Inc. devices is valid for 2 years after the purchase and does not apply to the supplied battery. If the device does not work correctly, you should first contact the support service—in half of the cases, technical issues can be solved remotely!

The full text of the warranty is available on the website:
ajax.systems/warranty

User Agreement:
ajax.systems/end-user-agreement

Technical support:
support@ajax.systems

Manufacturer: Research and Production Enterprise "Ajax" LLC
Address: Sklyarenko 5, Kyiv, 04073, Ukraine
By request of Ajax Systems Inc.

www.ajax.systems