Case user manual

Updated September 20, 2024

Case is the casing designed to install one or more **compatible Ajax devices**. The complete set includes the tamper board to protect devices from sabotage. Case has fasteners to fix the cables and channels for convenient cable organization. The casing is intended for indoor use only.

Case is produced in several versions. Each model has a different number of slots depending on the device combination:
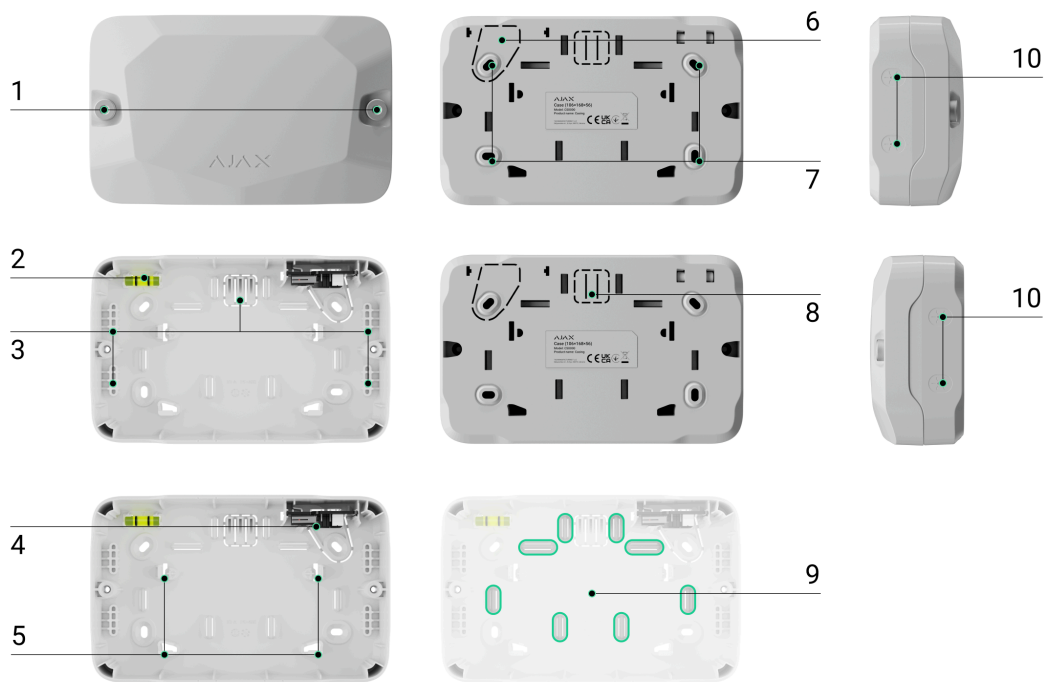
- Case A (106) — one Ajax device;

- Case B (175) — up to two Ajax devices;

- Case C (260) — one Ajax device and 7 Ah battery;

- Case D (430) — up to eight devices and two 18 Ah batteries.

Buy Case

Which Case to choose

Functional elements

Case A (106) **Case B (175)** **Case C (260)** **Case D (430)**

1. Holding screws to secure the casing lid. Can be unscrewed with a bundled hex key (Ø 4 mm).

2. Bubble level to check the inclination angle of the mount during installation.

3. Stoppers to protect a device during drilling.

4. The tamper board with a wire to connect an Ajax device.

5. Latches to attach a device.

6. Perforated part of the casing. Do not break it off. This part is necessary for tamper triggering in case of any attempt to detach the casing from the surface.

7. Holes to attach the casing to the surface.

8. Perforated part to run the wires.

9. Fasteners to fix the cables with ties.

10. Recesses to drill the holes conveniently.

Compatible devices

The number of devices installed into Case depends on the dimensions of the casing and its configuration.

Compatibility table   Case A (106)   Case B (175)   Case C (260)   Case D (430)
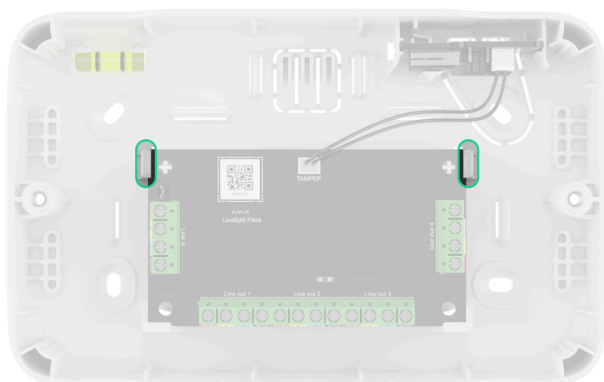
Devices/Cases	Case A (106) 1 device	Case B (175) up to 2 devices	Case C (260) 1 device	Case D (430) up to 8 devices
LineSplit Fibra	+	+	–	+
LineProtect Fibra	+	+	–	+
MultiRelay Fibra	+	+	–	+
LineSupply (45 W) Fibra	–	–	+	+
LineSupply (75 W) Fibra	–	–	+	+
Hub Hybrid (2G)*	–	–	–	+
Hub Hybrid (4G)*	–	–	–	+
7 Ah battery	–	–	1	2
9 Ah battery	–	–	–	2
18 Ah battery	–	–	–	2

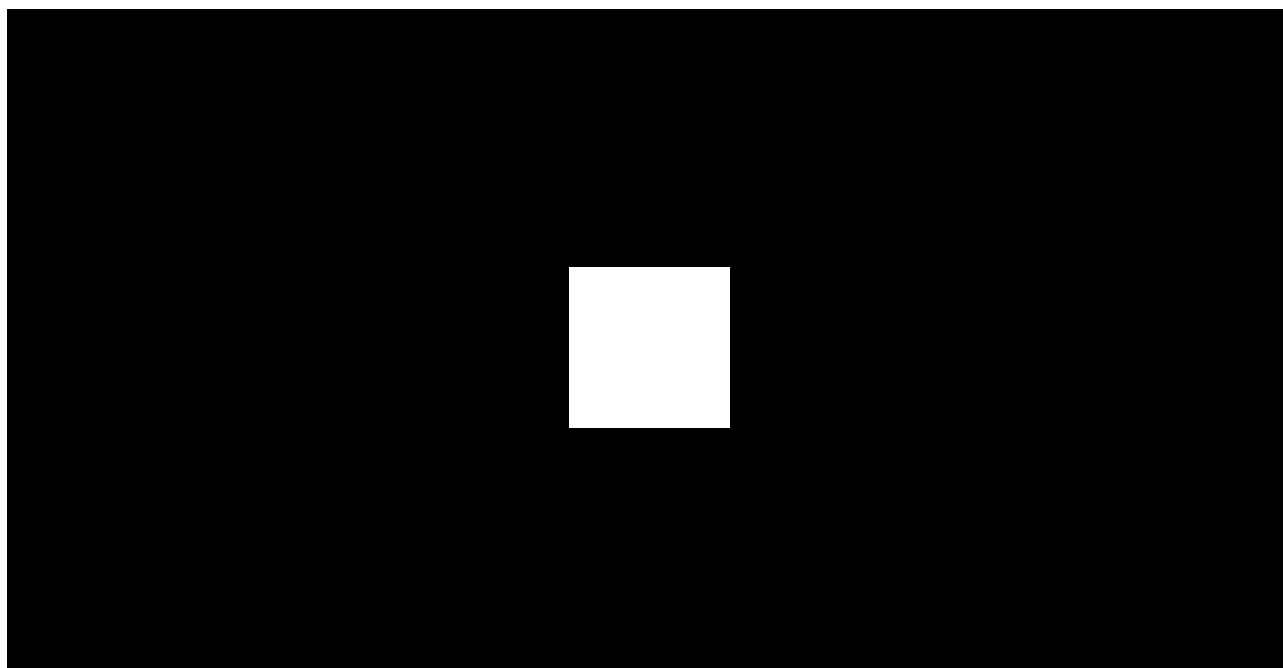** Installing the hub in Case D (430) does not meet the Grade (EN 50131) requirements.*
The compliant version will be available soon.

Key features

Case has latches for attaching devices without tools. Slide the latch to remove the device.

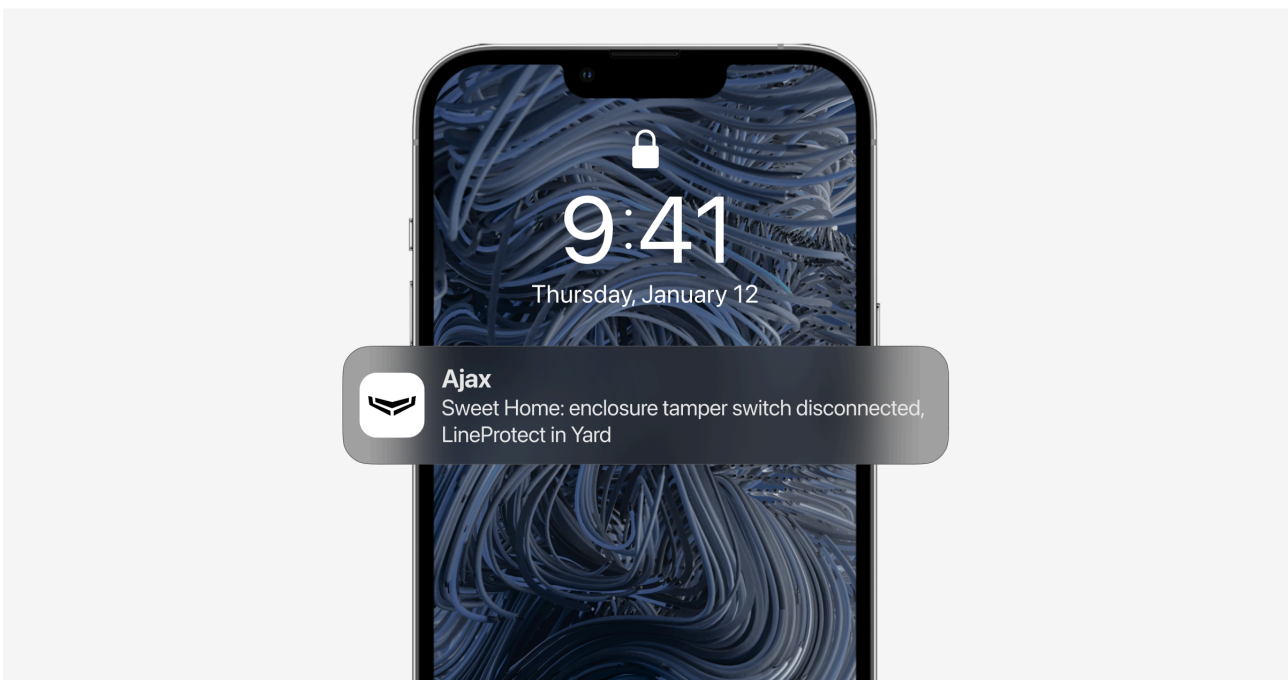
The device is fixed in two positions. You can turn it 180°.

00:00   00:07

The casing has a tamper board. It connects to the Ajax device with a wire in the complete set. The tamper detects attempts to open the lid or detach the casing from the surface. In the case of a sabotage attempt, users and the CMS will receive a notification about the tamper triggering of the device.

Case has fasteners to fix the cables with ties and channels for convenient cable routing. The casing has perforated parts to run the cables through the back side. There are recesses to place the drill conveniently (in case you need to drill holes and run the cables along the side, bottom, or top). During drilling, the tool rests on plastic stoppers, ensuring the installed devices remain protected.

The lid of Case A (106) or Case B (175) can be rotated 180° during installation.

- **Module Holder (type A)** for LineSplit Fibra, LineProtect Fibra, MultiRelay Fibra attachment;

- **Module Holder (type B)** — for the Hub Hybrid board.

> ⓘ Installing the hub in Case D (430) does not meet the Grade (EN 50131) requirements. The compliant version will be available soon.

There are four **Module Holder (type A)** in the complete set. Additional holders and **Module Holder (type B)** are sold separately.

LineSupply Fibra doesn't require holders for installation.

Selecting the installation site

It is advisable to choose an installation site where Case is hidden from prying eyes — for example, in the pantry. This will help reduce the likelihood of the system sabotage. Note that the device is intended for indoor installation only.

The Case installation site must comply with the recommendations for mounting the devices installed in the casing.

Follow these recommendations when designing the Ajax system project for an object. The system should be designed and installed by professionals. The list

of authorized Ajax partners is **available here**.

Case cannot be installed

The casing can be damaged if you install it:

1. Outdoors.

2. Inside premises with temperature and humidity values that do not correspond to the operating parameters.

Preparing to install devices into Case

Which Case to choose

Use **Case configurator** to get the most optimal placement of your Fibra devices in the casing.

Cable arrangement

When preparing to cable routing, check the electrical and fire safety regulations in your region. Strictly follow these standards and regulations. Tips for cable arrangement are available in **this article**.

Cable routing

We recommend you read the **Selecting the installation site** section carefully before installation. Avoid deviations from the system project. Violating the basic installation rules and the recommendations of this manual may lead to incorrect operation and loss of connection with devices installed into Case.

How to route the cable

Preparing cables for connection

Remove the insulating layer and strip the cable with a special insulation stripper. The ends of the wires inserted into the device terminals must be tinned or crimped with a sleeve. This ensures a reliable connection and protects the conductor from oxidation.

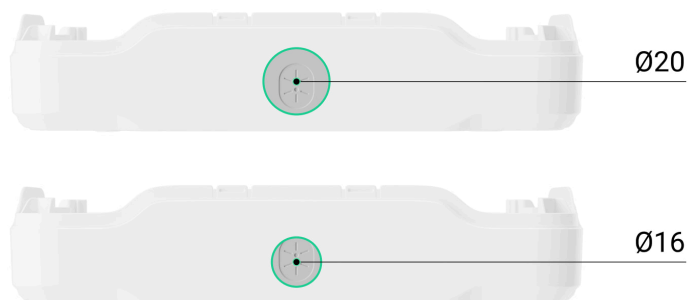**How to prepare the cable**

Installation

Before installation, ensure that you have selected the optimal location for the casing and that it complies with the requirements of this manual.

Case A (106) Case B (175) Case C (260) Case D (430)

To install Case:

1. Prepare cable holes in advance: drill the holes in the bottom or side of the casing or break out the perforated part on the back of Case. We recommend using a hole saw for plastic Ø16 mm or Ø20 mm.

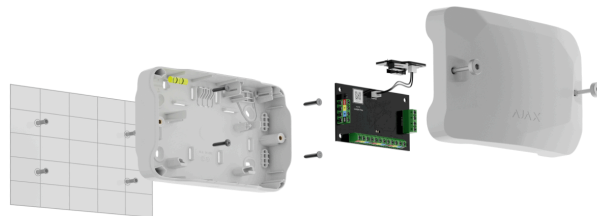Insert the pipe, corrugated pipe or conduit into the holes in the casing.

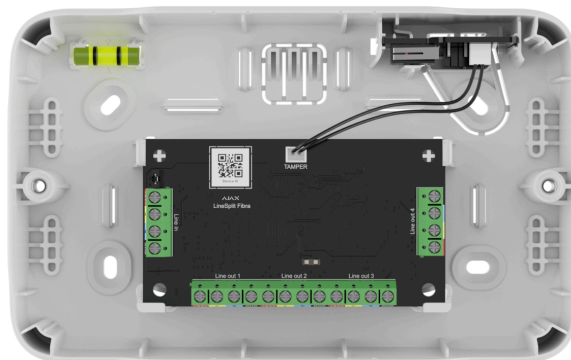00:00   00:06

2. Route the cables and lead them through the pre-prepared holes. Secure Case on the vertical or horizontal surface at the selected installation site with the bundled screws using all fixation points. One of them is in the perforated part above the tamper — it is required for tamper triggering if someone tries to detach the casing.

3. Secure the device in the casing. Connect the cables to the corresponding terminals. Fix the cables with ties using fasteners.

4. Connect the tamper board to the appropriate device connector.

5. Place the lid on the casing and fasten it with the bundled screws.

6. Check the state of the lid in the Ajax app. If the app shows the **Front lid open** state, check the tightness of Case.

Maintenance

The device does not require maintenance.

Technical specifications

[Technical specifications for Case A (106)](#)

[Technical specifications for Case B (175)](#)

[Technical specifications for Case C (260)](#)

[Technical specifications for Case D (430)](#)

[Compliance with standards](#)

Warranty

Warranty for products of Limited Liability Company "Ajax Systems Manufacturing" is valid for 2 years after purchase.

If the device does not function correctly, please contact Ajax Technical Support first. In most cases, technical issues can be resolved remotely.

[Warranty obligations](#)

[User Agreement](#)

Contact Technical Support:

- [e-mail](#)
- [Telegram](#)

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