

Outlet (LAN) user manual

Updated July 1, 2025



Outlet (LAN) is an Ethernet wall outlet with two ports. It cannot be added to an Ajax system or controlled through an Ajax app. The device has a design and colors identical to those of Ajax smart outlets and switches and can be installed side by side in the same frame.



Use the online [Ajax light switch and outlet configurator](#) to assemble your custom set. Combine the devices into a frame, choose a color, and download your configuration as PDF.

[Buy Outlet \(LAN\)](#)

Design

Outlet (LAN) is a prefabricated device that consists of the following components:

- **Core** options:

- OutletCore (LAN) [55]
- OutletCore (LAN) vertical [55]

- **Cover** options:

- SoloCover (LAN)
- CenterCover (LAN)
- CenterCover (LAN) vertical
- SideCover (LAN)
- SideCover (LAN) vertical

- **Frame** options:

- Frame (2 seats)
- Frame (2 seats) vertical
- Frame (3 seats)
- Frame (3 seats) vertical
- Frame (4 seats)
- Frame (4 seats) vertical
- Frame (5 seats)
- Frame (5 seats) vertical



All components are sold separately and can be installed by attaching them to each other.

Choose the appropriate cover for Outlet (LAN) based on your installation plan:

- as a separate device – **SoloCover (LAN)**;
- to the right or left (top or bottom) of other Outlet* or LightSwitch devices – **SideCover (LAN)**;
- between the devices – **CenterCover (LAN)**.

For side-by-side installation of two or more devices, you will also need a frame.

The devices combined in the frame can be installed horizontally or vertically. Only cores, covers, and frames with “**vertical**” in the name support vertical installation.



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** Combinations that include smart outlets are available only in a horizontal orientation.*

Colors

The product line includes the covers in 8 colors: white, fog, grey, graphite, ivory, oyster, olive, and black. The Ethernet ports are available in 2 colors: white and black.



The RAL colors below are as close as possible to the actual colors. However, they may slightly differ in real life. Please use them only as a reference when selecting a color.



Black
RAL 9005



Graphite
RAL 7024



Grey
RAL 7004



Fog
RAL 7047



Olive
RAL 7044



Oyster
RAL 9002



Ivory
RAL 1013

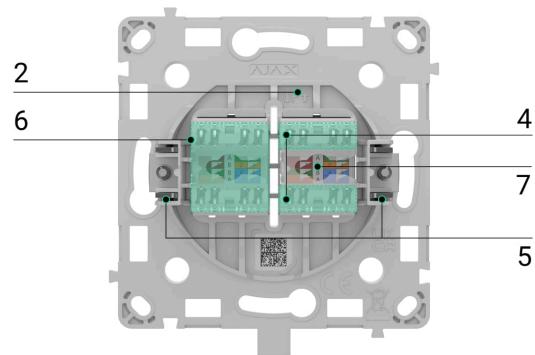
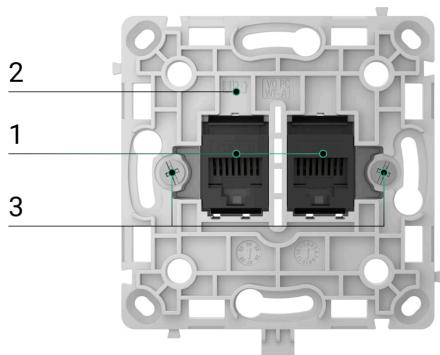


White
RAL 9003

Functional elements

Cores

OutletCore (LAN) [55]

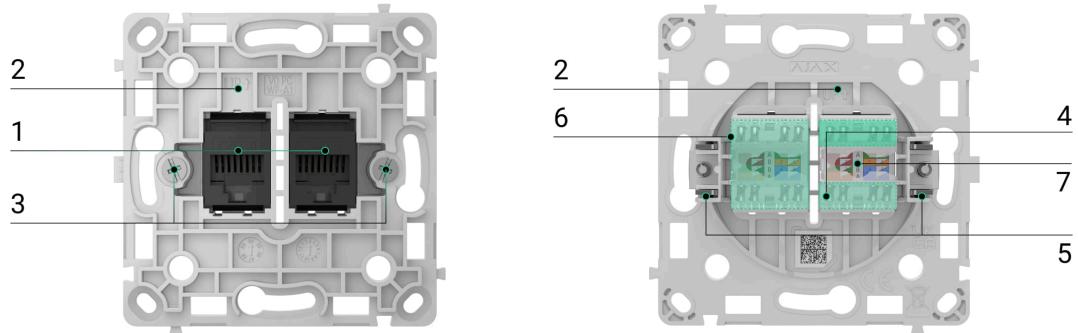


1. Two Ethernet ports (not pre-installed).
2. The **UP** key that indicates the top of the outlet enclosure.
3. Screws for fixing mounting claws.
4. Terminals for connecting the wires.
5. Mounting claws for securing the outlet in the mounting box.

6. Wire cover.

7. Wiring diagram.

OutletCore (LAN) vertical [55]



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2. The **UP** key that indicates the top of the outlet enclosure.

3. Screws for fixing mounting claws.

4. Terminals for connecting the wires.

5. Mounting claws for securing the outlet in the mounting box.

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Covers

SoloCover (LAN)



SideCover (LAN)



SideCover (LAN) vertical



CenterCover (LAN)



CenterCover (LAN) vertical



Frames

The frames with 2 to 5 seats in horizontal and vertical orientations are available. These frames are used when multiple Outlet and/or LightSwitch devices* are installed in a row.

** Combinations that include smart outlets are available only in a horizontal orientation.*

Frame (2 seats)



Frame (2 seats) vertical



Frame (3 seats)



Frame (3 seats) vertical



Frame (4 seats)



Frame (4 seats) vertical



Frame (5 seats)



Frame (5 seats) vertical



Compatible hubs and range extenders

Outlet (LAN) is not compatible with Ajax hubs and range extenders. It is a regular built-in Ethernet outlet that cannot be added to an Ajax system or controlled through an Ajax app.

Operating principle

Outlet (LAN) is an Ethernet wall outlet with two ports. It provides a wired connection for devices to a local area network (LAN) through Ethernet cables. The outlet is compatible with CAT.6 and CAT.5e cables designed to support data transfer speeds up to 1 Gbit/s over a maximum distance of 100 m.



Note that the device is designed for indoor use only.

Installation

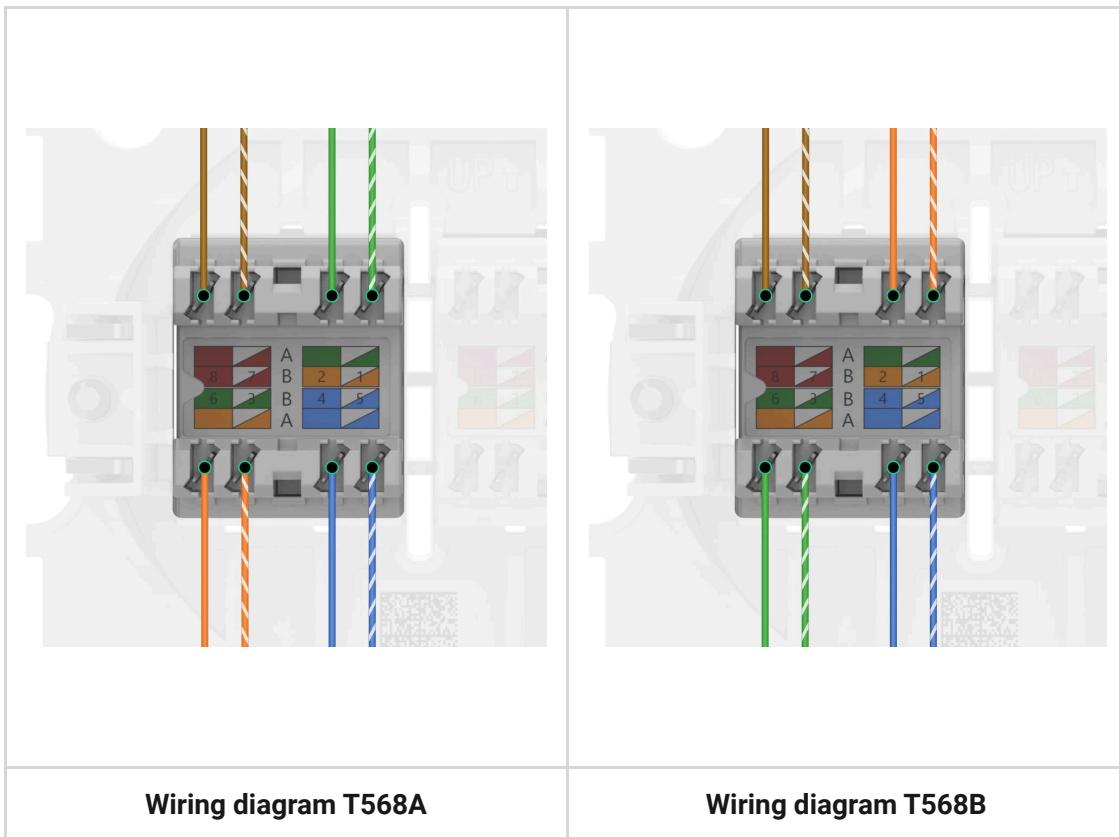


When installing and operating Outlet (LAN), follow the general electrical safety rules for using electrical appliances and the requirements of electrical safety regulations.

Only a qualified electrician or installer must install Outlet (LAN).

To install Outlet (LAN):

1. De-energize the power cables in close vicinity to the place where **Outlet (LAN)** will be connected.
2. Prepare the mounting boxes.
3. Connect the cables to the Ethernet port terminals according to the following wiring diagram:



Use a punch-down tool for the best connection.

4. Install the Ethernet ports into **OutletCore (LAN) [55]** or **OutletCore (LAN) vertical [55]** and install wire covers.
5. Install **OutletCore (LAN) [55]** or **OutletCore (LAN) vertical [55]** in the mounting box. Tighten the screws to secure the mounting claws. Fasten the outlet core using the bundled screws.
6. When installing multiple outlets or LightSwitch Jeweller switches, mount the frame with the appropriate number of seats.
7. Install the corresponding covers.

8. Turn on the power.

Do not install Outlet (LAN):

1. Outdoors. Doing so may lead to outlet failure.
2. Inside premises with temperature and humidity levels outside the permissible limits. This may damage the device.

Maintenance

Regularly check the outlet for proper operation. Clean its enclosure to remove dust, cobwebs, and other contaminants as soon as they appear. Use a soft, dry cloth suitable for cleaning electronic equipment. Do not use substances that contain alcohol, acetone, petrol, or other active solvents to clean the device.

Technical specifications

All technical specifications of Outlet (LAN)

Compliance with standards

Complete set

Outlet (LAN) is a prefabricated device. All parts are purchased separately.



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Warranty

The warranty for “Ajax Systems Manufacturing” Limited Liability Company products is valid for 2 years from the date of purchase.

If the device is malfunctioning, we recommend contacting Ajax Technical Support first. In most cases, technical issues can be resolved remotely.

Warranty obligations

User Agreement

Contact Technical Support:

- email
- Telegram