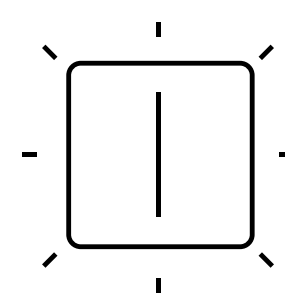
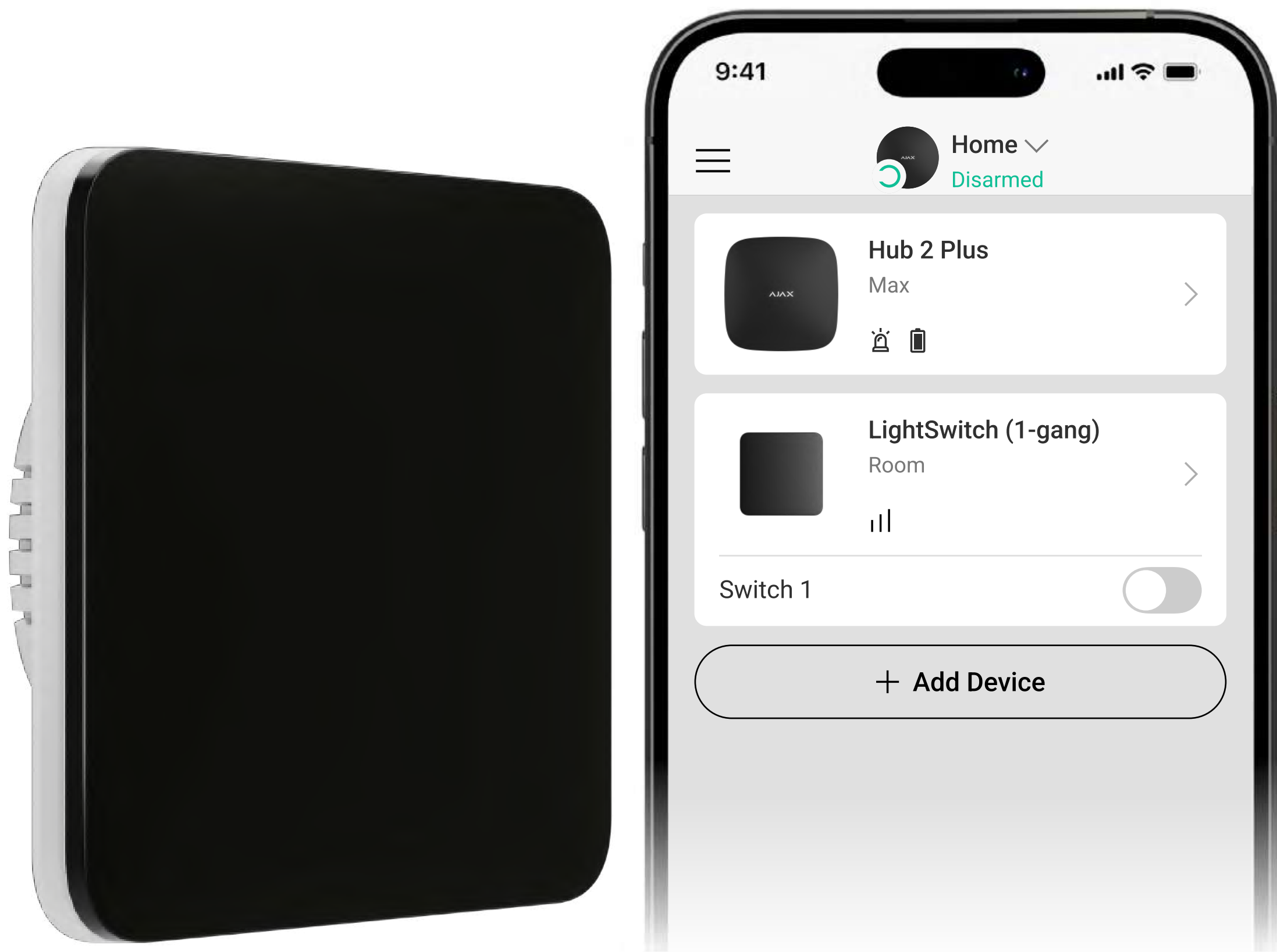




Baseline product line

# LightSwitch (1-gang) Jeweller

Wireless smart touch one-gang light switch



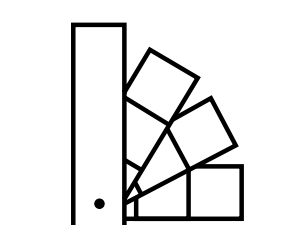
## Alternative to any switch

- Large touch-sensitive panel for contactless operation
- Non-dazzling LED backlight
- Suitable for both horizontal and vertical installations
- Series includes 1-gang, 2-gang, 2-way switches



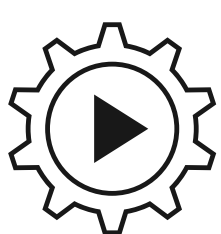
## Jeweller communication technology

- Up to 1,100 m of radio communication with a hub in an open space
- Encryption for secure data transmission
- Regular polling to display current device statuses



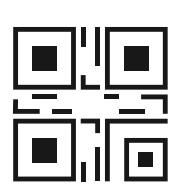
## Fits any interior

The touch-sensitive switch panels are available in 8 different colours, making them suitable for installation in various locations, including homes, offices, and workplaces.



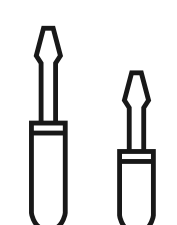
## New comfort level

- Remote control and configuration in Ajax apps
- Timer-based turning off
- Automation scenarios
- Current and temperature protection
- Operates without an internet connection



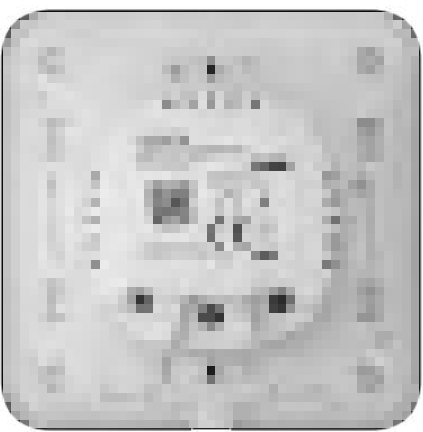
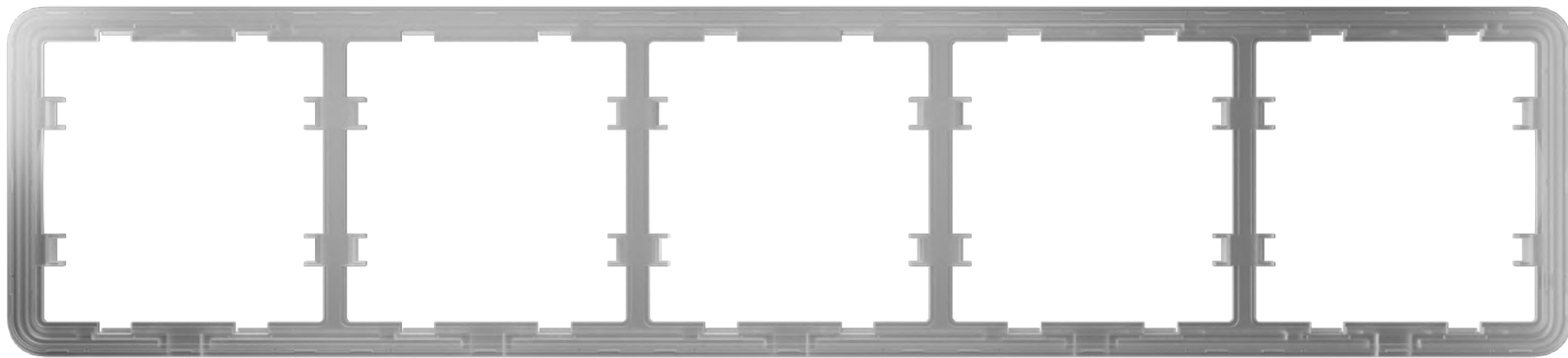
## Quick installation and setup

- No neutral wire required
- Can be installed without changing the wiring
- Complies with the standard European form factor (55)
- Pairing with the system by QR code scanning in the Ajax app

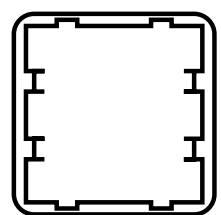


## LightSwitch components

LightSwitch is a prefab device, with each component available for separate purchase. Components are easily installed by attaching to each other.

|                                                                                                  |                                                                                       |
|--------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| <b>Relay</b><br>Controls the power of a lighting device                                          |  |
| <b>Touch-sensitive panel</b><br>Light switch front panel                                         |  |
| <b>Frame</b><br>Plastic frame for installing 2 to 5 devices in a row, horizontally or vertically |                                                                                       |
|             |                                                                                       |

When installing a single switch device, the front touch-sensitive panel and the frame come as one component. If you plan to install multiple devices in a row, you will need to purchase a frame along with the required touch-sensitive panels.

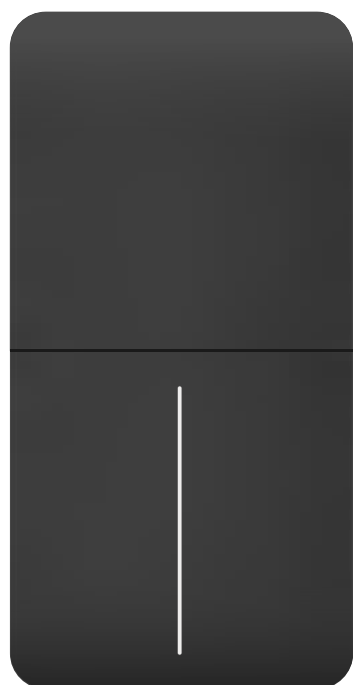


## Configurations variability

LightSwitch can be installed either separately or within a frame as part of a set that includes other LightSwitch light switches and Ajax outlets. These devices share the same frame design and colours.



LightSwitch (1-gang)



Frame with  
2 LightSwitch



Frame with 2 Outlet  
and 2 LightSwitch



## Switches and outlets configurator

Assemble a custom set of Ajax switches and outlets

[ajax.systems/tools/switches-and-outlets-configurator/](https://ajax.systems/tools/switches-and-outlets-configurator/)

|                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                              |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div>Compatibility</div> <div><div>Hubs</div><div>Hub Plus Jeweller</div><div>Hub 2 (2G) Jeweller</div><div>Hub 2 (4G) Jeweller</div><div>Hub 2 Plus Jeweller</div><div>Hub Hybrid (2G)</div><div>Hub Hybrid (4G)</div></div> <div><div>Range extenders</div><div>ReX Jeweller</div><div>ReX 2 Jeweller</div></div>            | <div>Communication with hub</div> <div><div>Jeweller communication technology</div><div></div><div>Communication range</div><div>up to 1,100 m</div><div>In an open space</div></div> <div><div>Frequency bands</div><div>866.0–866.5 MHz</div><div>868.0–868.6 MHz</div><div>868.7–869.2 MHz</div><div>905.0–926.5 MHz</div><div>915.85–926.5 MHz</div><div>921.0–922.0 MHz</div><div>Depends on the sales region</div></div> <div><div>Maximum effective radiated power (ERP)</div><div>up to 20 mW</div></div> | <div>Features</div> <div><div>Scenarios</div><div><div>• by alarm</div><div>• by security mode change</div><div>• by temperature</div><div>• by humidity/CO<sub>2</sub> concentration<sup>1</sup></div><div>• by schedule</div><div>• by activating another LightSwitch/Button</div></div></div> <div><div>Power of switched device</div><div>from 5 to 600 W</div></div> <div><div>Contactless touch-sensitive panel</div><div></div></div> <div><div>Night backlight</div><div><div>1 — Scenarios by humidity and CO<sub>2</sub> concentrations are available when <u>LifeQuality Jeweller</u> is added to the system.</div></div></div>                                                                                                  | <div>Power supply</div> <div><div>Power supply voltage</div><div>230 V~, 50/60 Hz</div></div> <div><div>Maximum power</div><div>600 W</div></div> <div><div>Current protection</div><div>more than 2.6 A</div></div> <div><div>Temperature protection</div><div>more than +60 °C</div></div> |
| <div>Installation</div> <div><div>Operating temperature range</div><div>from −10 °C to +40 °C</div></div> <div><div>Operating humidity</div><div>up to 75% with no condensation</div></div> <div><div>Protection class</div><div>IP20</div></div> <div><div>Form factor of the switch</div><div>European type (55)</div></div> | <div>Single switch components</div> <div><div>Single LightSwitch consists of two components: a relay and a touch-sensitive panel.</div><div><div>Relays</div><div>LightCore (1-gang) [55] Jeweller</div><div>LightCore (1-gang) vertical [55] Jeweller</div></div><div><div>Touch-sensitive panel</div><div>SoloButton (1-gang)</div></div></div>                                                                                                                                                                 | <div>Combined switch components</div> <div><div>Combined switch consists of 2, 3, 4, or 5 switches installed in one frame.</div><div><div>Relays</div><div>LightCore (1-gang) [55] Jeweller</div><div>LightCore (1-gang) vertical [55] Jeweller</div><div><div>Touch-sensitive panels</div><div>CenterButton (1-gang)</div><div>CenterButton (1-gang) vertical</div><div>SideButton (1-gang)</div><div>SideButton (1-gang) vertical</div></div></div><div><div>Frames</div><div>Frame (2 seats)</div><div>Frame (2 seats) vertical</div><div>Frame (3 seats)</div><div>Frame (3 seats) vertical</div><div>Frame (4 seats)</div><div>Frame (4 seats) vertical</div><div>Frame (5 seats)</div><div>Frame (5 seats) vertical</div></div></div> |                                                                                                                                                                                                                                                                                              |

Superior, Fibra, and Baseline product lines are mutually compatible. This opens up numerous possibilities for building systems of any configuration.



For detailed information, scan the QR code or follow the link:

[ajax.systems/support/devices/lightswitch-1-gang/](https://ajax.systems/support/devices/lightswitch-1-gang/)

-  [support@ajax.systems](mailto:support@ajax.systems)
-  [@AjaxSystemsSupport\\_Bot](https://t.me/AjaxSystemsSupport_Bot)
-  [ajax.systems](https://ajax.systems)