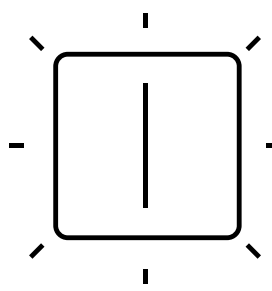
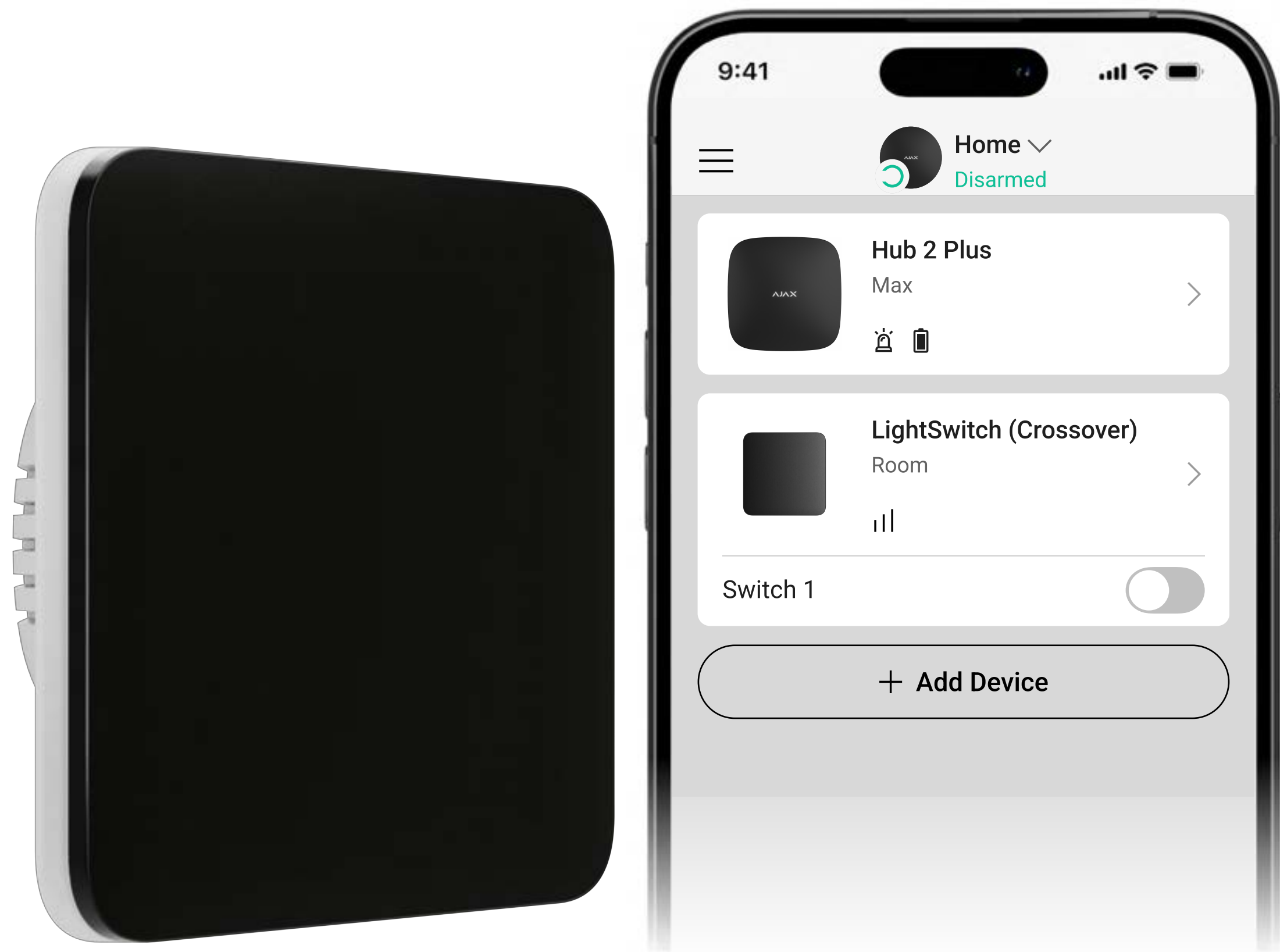




Baseline product line

# LightSwitch (Crossover) Jeweller

Wireless smart touch crossover light switch



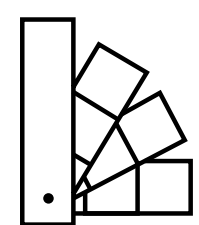
## Alternative to any switch

- 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 and crossover 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.



Black



Graphite



Grey



Fog



Olive



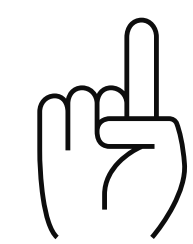
Oyster



Ivory

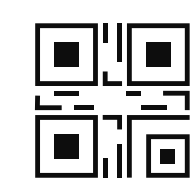


White



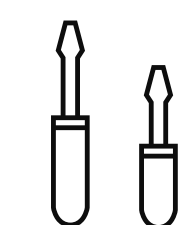
## New comfort level

- 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.

### Relay

Controls the power of a lighting device



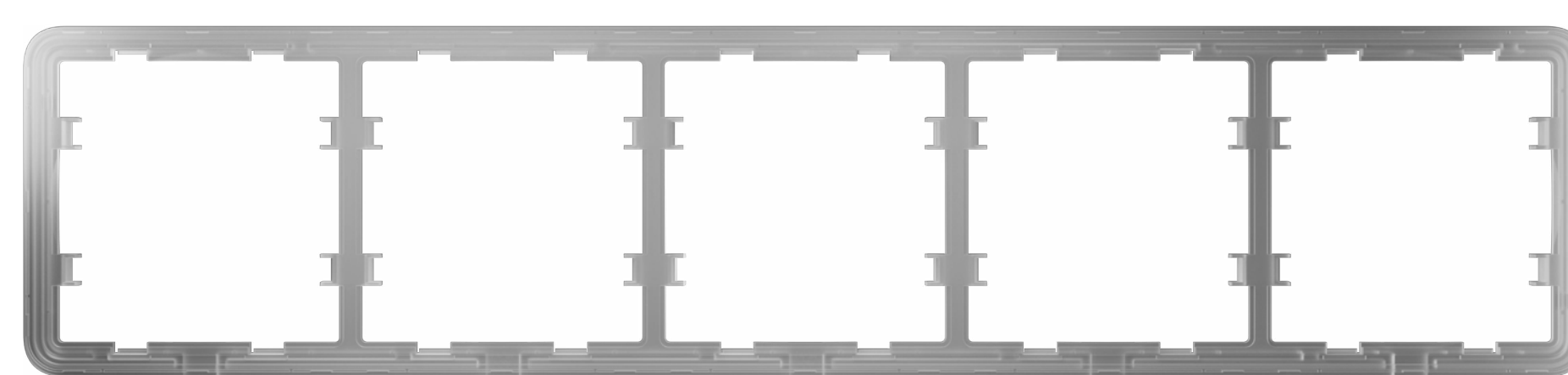
### Touch-sensitive panel

Light switch front panel

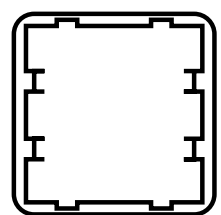


### Frame

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.

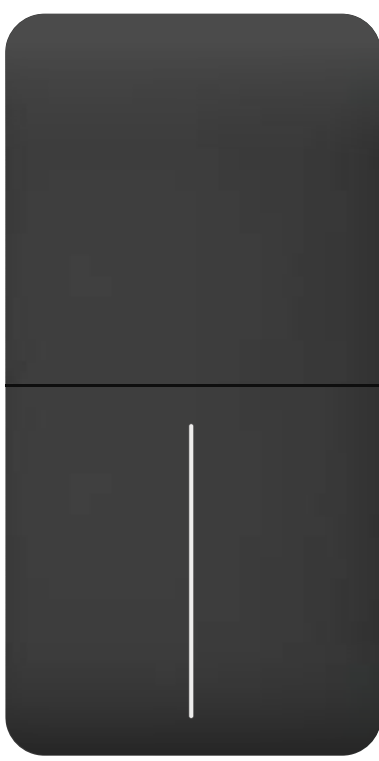


## Configurations variability

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 (Crossover)



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/)

| Compatibility                                                                                                                                                              | Communication with hub                                                                                                                                                                                      | Features                                                                                                                                                                                                                                                                              |  | Power supply                                                 |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--------------------------------------------------------------|
| <p><b>Hubs</b></p> <p>Hub Plus Jeweller</p> <p>Hub 2 (2G) Jeweller</p> <p>Hub 2 (4G) Jeweller</p> <p>Hub 2 Plus Jeweller</p> <p>Hub Hybrid (2G)</p> <p>Hub Hybrid (4G)</p> | <p><b>Jeweller communication technology</b></p>                                                                                                                                                             | <p><b>Scenarios</b></p> <ul style="list-style-type: none"><li>• by alarm</li><li>• by security mode change</li><li>• by temperature</li><li>• by humidity/CO<sub>2</sub> concentration<sup>1</sup></li><li>• by schedule</li><li>• by activating another LightSwitch/Button</li></ul> |  | <p><b>Power supply voltage</b></p> <p>230 V~, 50/60 Hz</p>   |
| <p><b>Range extenders</b></p> <p>ReX Jeweller</p> <p>ReX 2 Jeweller</p>                                                                                                    | <p><b>Communication range</b></p> <p>up to 1,100 m</p> <p>In an open space</p>                                                                                                                              | <p><b>Power of switched device</b></p> <p>from 5 to 600 W</p>                                                                                                                                                                                                                         |  | <p><b>Maximum power</b></p> <p>600 W</p>                     |
|                                                                                                                                                                            | <p><b>Frequency bands</b></p> <p>866.0–866.5 MHz</p> <p>868.0–868.6 MHz</p> <p>868.7–869.2 MHz</p> <p>905.0–926.5 MHz</p> <p>915.85–926.5 MHz</p> <p>921.0–922.0 MHz</p> <p>Depends on the sales region</p> | <p><b>Contactless touch-sensitive panel</b></p>                                                                                                                                                                                                                                       |  | <p><b>Current protection</b></p> <p>more than 2.6 A</p>      |
|                                                                                                                                                                            | <p><b>Maximum effective radiated power (ERP)</b></p> <p>up to 20 mW</p>                                                                                                                                     | <p><b>Night backlight</b></p> <p>1 – Scenarios by humidity and CO<sub>2</sub> concentrations are available when <a href="#">LifeQuality Jeweller</a> is added to the system.</p>                                                                                                      |  | <p><b>Temperature protection</b></p> <p>more than +60 °C</p> |
| Installation                                                                                                                                                               | Single switch components                                                                                                                                                                                    | Combined switch components                                                                                                                                                                                                                                                            |  |                                                              |
| <p><b>Operating temperature range</b></p> <p>from –10 °C to +40 °C</p>                                                                                                     | <p>Single LightSwitch consists of two components: a relay and a touch-sensitive panel.</p>                                                                                                                  | <p>Combined switch consists of 2, 3, 4, or 5 switches installed in one frame.</p>                                                                                                                                                                                                     |  |                                                              |
| <p><b>Operating humidity</b></p> <p>up to 75% with no condensation</p>                                                                                                     | <p><b>Relays</b></p> <p>LightCore (Crossover) [55] Jeweller</p> <p>LightCore (Crossover) vertical [55] Jeweller</p>                                                                                         | <p><b>Relays</b></p> <p>LightCore (Crossover) [55] Jeweller</p> <p>LightCore (Crossover) vertical [55] Jeweller</p>                                                                                                                                                                   |  |                                                              |
| <p><b>Protection class</b></p> <p>IP20</p>                                                                                                                                 | <p><b>Touch-sensitive panel</b></p> <p>SoloButton (1-gang)</p>                                                                                                                                              | <p><b>Touch-sensitive panels</b></p> <p>CenterButton (1-gang)</p> <p>CenterButton (1-gang) vertical</p> <p>SideButton (1-gang)</p> <p>SideButton (1-gang) vertical</p>                                                                                                                |  |                                                              |
| <p><b>Form factor of the switch</b></p> <p>European type (55)</p>                                                                                                          |                                                                                                                                                                                                             | <p><b>Frames</b></p> <p>Frame (2 seats)</p> <p>Frame (2 seats) vertical</p> <p>Frame (3 seats)</p> <p>Frame (3 seats) vertical</p> <p>Frame (4 seats)</p> <p>Frame (4 seats) vertical</p> <p>Frame (5 seats)</p> <p>Frame (5 seats) vertical</p>                                      |  |                                                              |

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-crossover-jeweller/](https://ajax.systems/support/devices/lightswitch-crossover-jeweller/)



support@ajax.systems



@AjaxSystemsSupport\_Bot



ajax.systems