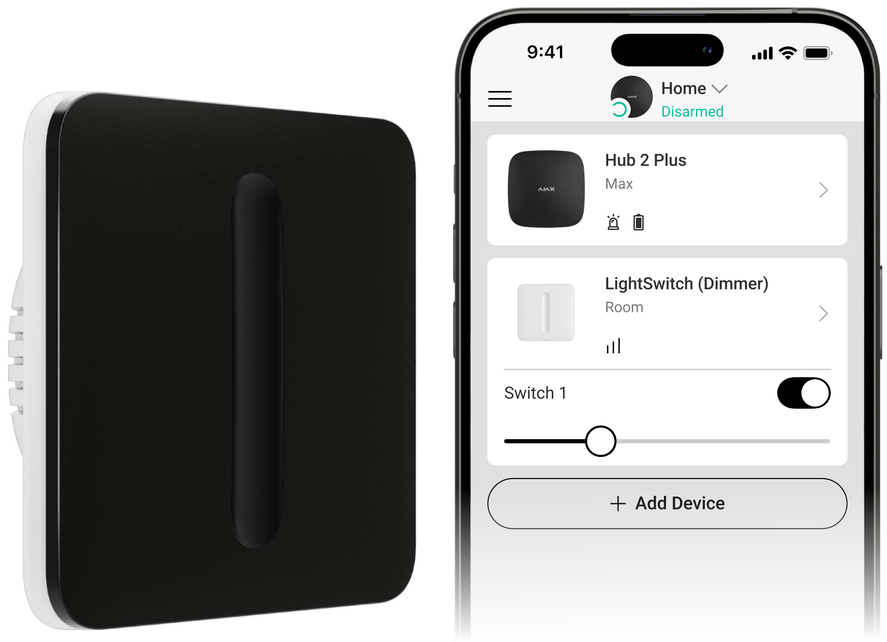
Baseline product line

LightSwitch (Dimmer) Jeweller

Wireless smart touch dimmer light switch



Alternative to any switch

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

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

Jeweller communication technology

- Up to 900 m of radio communication with a hub in an open space
- Encryption for secure data transmission
- Regular polling to display current device statuses

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

Fits any interior

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



LightSwitch components

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

Dimmer core

Controls the power of a lighting device



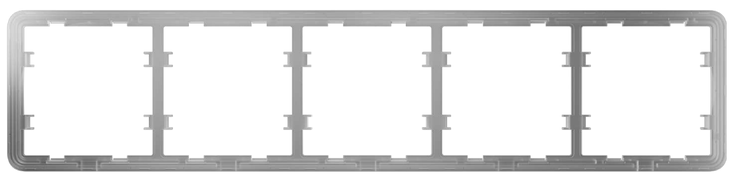
Touch-sensitive panel

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 colors.



LightSwitch (Dimmer)



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/

Compatibility

Hubs
Hub Plus Jeweller
Hub 2 (2G) Jeweller
Hub 2 (4G) Jeweller
Hub 2 Plus Jeweller
Hub Hybrid (2G)
Hub Hybrid (4G)

Range extenders
ReX Jeweller
ReX 2 Jeweller

Communication with hub

Jeweller communication technology

Communication range
up to 900 m
In an open space

Frequency bands
866.0–866.5 MHz
868.0–868.6 MHz
868.7–869.2 MHz
905.0–926.5 MHz
915.85–926.5 MHz
921.0–922.0 MHz
Depends on the sales region

Maximum effective radiated power (ERP)
up to 20 mW

Features

Scenarios
- by alarm
- by security mode change
- by temperature
- by humidity/CO_2 concentration[1]
- by schedule
- by activating another LightSwitch/Button

Large touch-sensitive panel

Night backlight

1 — Scenarios by humidity and CO_2 concentrations are available when LifeQuality Jeweller is added to the system.

Power supply

Input
230 V, 50 Hz

Power of switched device
8–150 VA

Supported lamp types

Incandescent light bulb
8–150 VA

Dimmable LED
8–150 VA

Halogen light bulb
20–150 VA

Current protection
more than 0.75 A

Temperature protection
more than +60 °C

Installation

Operating temperature range
from –10 °C to +40 °C

Operating humidity
up to 75% with no condensation

Protection class
IP20

Form factor of the switch
European type (55)

Single switch components

Single LightSwitch consists of two components: a relay and a touch-sensitive panel.

Dimmer core
LightCore (Dimmer) [55] Jeweller
LightCore (Dimmer) vertical [55] Jeweller

Touch-sensitive panel
SoloButton (Dimmer)

Combined switch components

Combined switch consists of 2, 3, 4, or 5 switches installed in one frame.

Dimmer core
LightCore (Dimmer) [55] Jeweller
LightCore (Dimmer) vertical [55] Jeweller

Touch-sensitive panels
CenterButton (Dimmer)
CenterButton (Dimmer) vertical
SideButton (Dimmer)
SideButton (Dimmer) vertical

Frames
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

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-dimmer-jeweller/

support@ajax.systems
@AjaxSystemsSupport_Bot
ajax.systems