AJAX Light Core 1 Fach EU Instructions

Baseline product line

Contents

Light Core 1 Fach EU
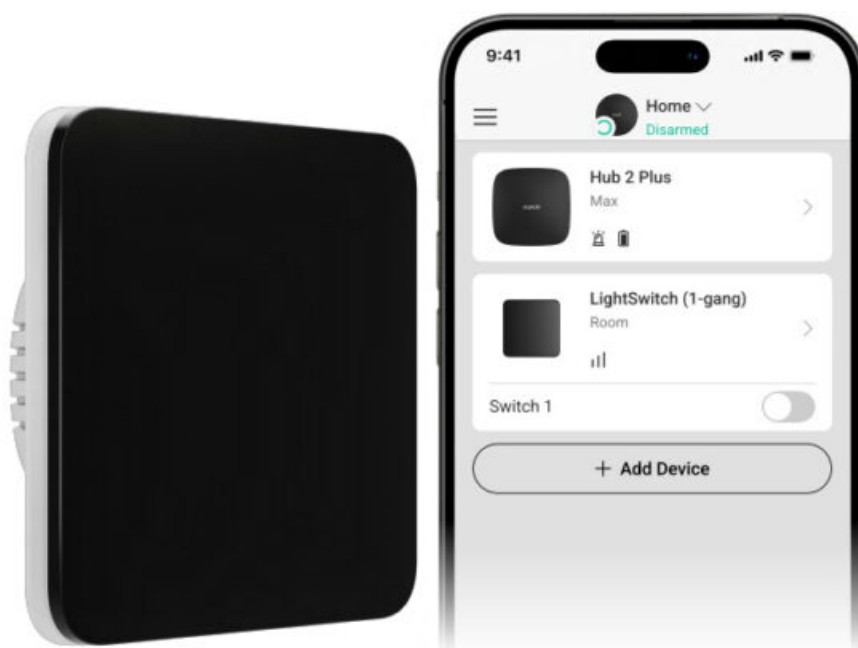
LightSwitch (1-gang) Jeweller

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.

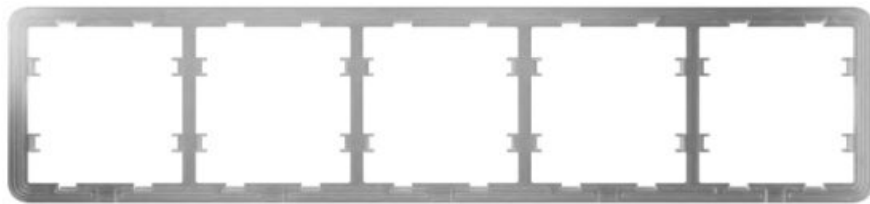| Black | Graphite | Gray | Fog |

| Olive | Oyster | Ivory | White |

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 (1-gang)
	Frame with 2 Light Switch
	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 1,100 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

* by schedule

* by activating another LightSwitch/Button

Power of switched device.
from 5 to 600 W
Contactless touch-sensitive panel
Night backlight
1- Scenarios by humidity and CO, concentrations are available when LifeQuality Jeweller is added to the system.
Power supply
Power supply voltage 230 V, 50/60 Hz
Maximum power 600 W
Current protection more than 2.6 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.
Relays
LightCore (1-gang) [55] Jeweller
LightCore (1-gang) vertical [55] Jeweller
Touch-sensitive panel.
SoloButton (1-gang)

Combined switch components

Combined switch consists of 2, 3, 4, or 5 switches installed in one frame.
Relays
LightCore (1-gang) [55] Jeweller
LightCore (1-gang) vertical [55] **Jeweller**
Touch-sensitive panels
CenterButton (1-gang)
CenterButton (1-gang) vertical
SideButton (1-gang)
SideButton (1-gang) 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-1-gang/**](ajax.systems/support/devices/lightswitch-1-gang/)

[**support@ajax.systems**](mailto:support@ajax.systems)

@AjaxSystemsSupport_Bot

ajax.systems

Documents / Resources

[**AJAX Light Core 1 Fach EU**](#) [pdf] Instructions
Hub 2 Plus, LightSwitch 1-gang, Light Core 1 Fach EU, 1 Fach EU, Fach EU, EU

References

- [**User Manual**](#)