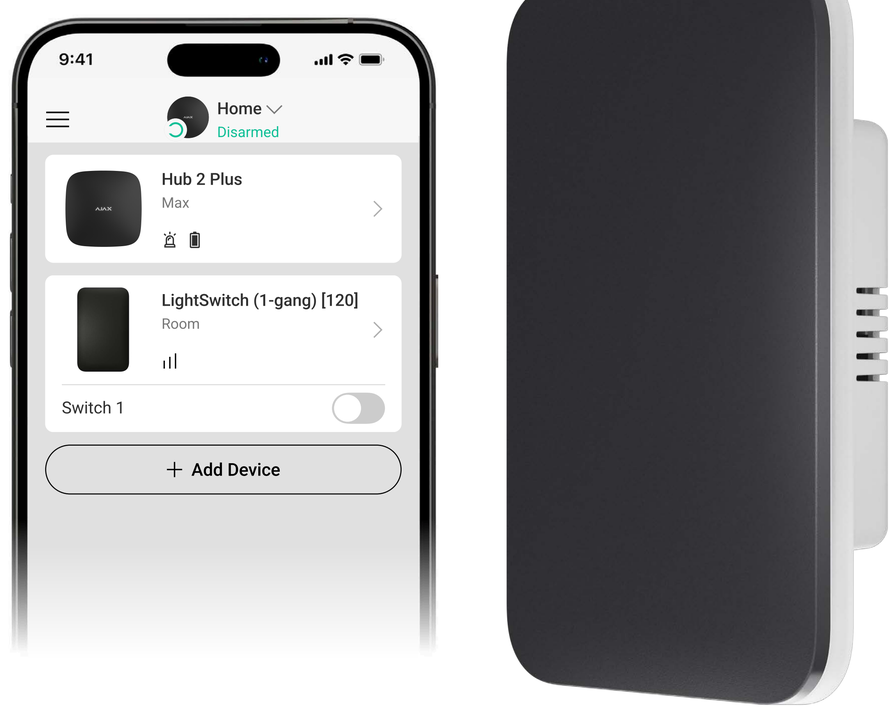
LightSwitch (1-gang) [120] Jeweller

Smart touch 1-gang light switch



Alternative to any switch

- Large touch-sensitive panel for contactless operation
- Non-dazzling LED backlight
- Frames for installing up to 5 switches
- Series includes 1-gang, 3-way and 4-way switches

New comfort level

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

Jeweller communication technology

- Up to 3,600 ft (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

Quick installation and setup

- No neutral wire required
- Can be installed without changing the wiring
- Complies with the standard NA form factor (120)
- 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.

Relay

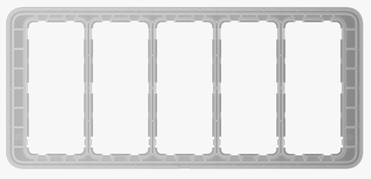
Controls the power of a lighting device

Touch-sensitive panel

Colored touch-sensitive front panel of the switch

Frame

Plastic frame for installing 2 to 5 switches in a row



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.

Single switch

Set of switches

Switches and outlets configurator

Assemble your own set of Ajax switches

ajax.systems/tools/switches-and-outlets-configurator/

Compatibility with hubs and range extenders

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

ajax.systems/tools/devices-compatibility/?models=LS.1G120.J

Communication with hub

Jeweller communication technology

Communication range
up to 3,600 ft (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[1]
- by schedule
- by activating another LightSwitch/Button

Contactless 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

Power supply voltage
120 V~, 60 Hz

Maximum power
Up to 500 W for incandescent light bulbs
Up to 250 W for CFL/LED light bulbs

Maximum load current
4.2 A

Overcurrent protection
more than 5 A for 5 s
and 7 A for 0.3 s

Temperature protection
more than 140 °F
(more than +60 °C)

Installation

Operating temperature range
from 14 °F to 104 °F
(from –10 °C to +40 °C)

Operating humidity
up to 75% with no condensation

Protection class
IP20

Form factor of the switch
NA form factor (120)

Single switch components

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

Relays
LightCore (1-gang) [120] Jeweller

Touch-sensitive panel
SoloButton (1-gang) [120]

Combined switch components

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

Relays
LightCore (1-gang) [120] Jeweller

Touch-sensitive panels
CenterButton (1-gang) [120]
SideButton (1-gang) [120]

Frames
Frame (2 seats) [120]
Frame (3 seats) [120]
Frame (4 seats) [120]
Frame (5 seats) [120]

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

ajax.systems/support/devices/lightswitch-1-gang-120-jeweller/

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