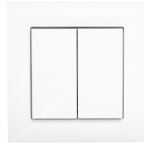


# Casambi Switch 55

The Switch 55 wall switch can be positioned anywhere and is maintenance-free



Article no.: 1051xx / 1052xx

## Description

Products from the AIMOTION Switch 55 series can be used to control individual luminaires, luminaire groups, all luminaires in a network, elements, scenes and animations. The Switch 55 wall switch can be placed anywhere and is based on EnOcean's maintenance-free PTM 215B Bluetooth Low Energy transmitter module, which generates energy by pressing a button. The buttons can be assigned individually. The setting is made via the Casambi app.

- Freely placeable (without cable)
- Maintenance - free (without battery)
- Individual configuration
- On/off switch
- Infinitely dimmable
- Control of all lights, devices, groups and scenes
- Changing the color temperature
- Resume / start automation

### Add Switch 55 to a network

- More -> switches
- Tap on "add EnOcean-switch".
- Touch the switch with the back of your mobile device. (Android device or Apple device from iOS 13 or higher (from iPhone 7). **Note:** Hold the Apple device against the wall switch at the top of the device at the height of the rear camera. The app will guide you through the next steps.

### Note on the Casambi App:

- If you want to use the same Switch 55 wall switch with multiple networks, both networks must use the same frequencies. These requirements are the same for Classic and Evolution networks.

## Technical Details

Description	Features
Radio transmitter	Keypad module with integrated antenna
Power source	electrodynamic energy generator, maintenance-free
Frequency / protocol	2.4 GHz / Bluetooth Low Energy (BLE)
Channels	2 or 4 (single or double rocker with medial position, pressed/released)
Dimensions of rocker	55 x 55 mm
Dimensions of frame	88 x 88 mm
Total height	12 mm (frame), 15 mm (incl. rocker)
Assembly	Screw connection on flat surface possible, double-sided mounting foil included in scope of delivery
Operating conditions temperature	-25 .... +65°C
Air humidity	0 .... 95% rel. humidity, non-condensing (only in dry environment)
Life span	> 50.000 activations according to EN 60669 / VDE 0632
Approvals	RED, FCC, ISED, ACMA

### Declaration of Conformity:

Hereby AIMOTION GmbH declares that the product Switch 55 is in compliance with Directive 2014/53/EU. The detailed declaration of conformity can be found at <https://www.aimotion-smartliving.de/en/support-en/download/> in the product category Switches.

### Note

Technical changes and errors excepted. 07.2021.



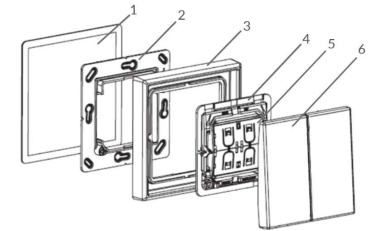
## Mounting

The wall-mounted transmitters can be screwed onto various substrates with the aid of the retaining plate or glued onto smooth substrates (glass, wood, tiles) with the enclosed adhesive film.

The wall-mounted transmitters can be used to extend existing installations without additional flush-mounted boxes. With an existing 2-fold combination, for example, a 3-fold combination can be realised by using a 3-fold frame and the wall transmitter without an additional wall box.

### Mounting by screws:

- Use mounting plate (2) as template for marking the drill holes
- Drill mounting holes
- Screw on the mounting plate (2), making sure that the snap-in hooks for holding the holder (4) are positioned at the top or bottom (vertically).
- Snap the rockers (6) onto the Bluetooth module (5).
- Position the frame (3) on the mounting plate (2) and engage the holder (4).
- Insert rockers (6) with Bluetooth module (5), observing the markings on the Bluetooth module (0 = top).



The wall transmitter can also be mounted on existing flush-mounted boxes.

### Mounting by adhesive bonding:

- Mounting the wall transmitter completely
- Remove the protective film from one side of the enclosed adhesive film
- Apply adhesive foil to the back of the wall transmitter
- Remove the second side of the protective film
- Mount the wall transmitter at the desired position

### The range can also be negatively affected by:

- Mounting the wall-mounted transmitter on metal walls
- Lead glass or metal-coated glass
- Insulation wool with metal foil

## Overview of variants

Art.-No.	Description
1051B	Switch 55 anthracite matt 1-way rocker 2-channel
1051BN	Switch 55 anthracite matt 1-way rocker 2-channel numbers
1051BA	Switch 55 anthracite matt 1-way rocker 2-channel arrows
1052B	Switch 55 anthracite matt 2-way rocker 4-channel
1052BN	Switch 55 anthracite matt 2-way rocker 4-channel numbers
1052BA	Switch 55 anthracite matt 2-way rocker 4-channel arrows
1051W	Switch 55 white 1-way rocker 2-channel
1051WN	Switch 55 white 1-way rocker 2-channel numbers
1051WA	Switch 55 white 1-way rocker 2-channel arrows
1052W	Switch 55 white 2-way rocker 4-channel
1052WN	Switch 55 white 2-way rocker 4-channel numbers
1052WA	Switch 55 white 2-way rocker 4-channel arrows
1051S	Switch 55 silver 1-way rocker 2-channel
1051SN	Switch 55 silver 1-way rocker 2-channel numbers
1051SA	Switch 55 silver 1-way rocker 2-channel arrows
1052S	Switch 55 silver 2-way rocker 4-channel
1052SN	Switch 55 silver 2-way rocker 4-channel numbers
1052SA	Switch 55 silver 2-way rocker 4-channel arrows

Art.-No.	Description
1051G	Switch 55 Glass 1-way rocker 2-channel
1051GN	Switch 55 Glass 1-way rocker 2-channel numbers
1051GA	Switch 55 Glass 1-way rocker 2-channel arrows
1052G	Switch 55 Glass 2-way rocker 4-channel
1052GN	Switch 55 Glass 2-way rocker 4-channel numbers
1052GA	Switch 55 Glass 2-way rocker 4-channel arrows
1051GB	Switch 55 Glass black 1-way rocker 2-channel
1051GBN	Switch 55 Glass black 1-way rocker 2-channel numbers
1051GBA	Switch 55 Glass black 1-way rocker 2-channel arrows
1052GB	Switch 55 Glass black 2-way rocker 4-channel
1052GBN	Switch 55 Glass black 2-way rocker 4-channel numbers
1052GBA	Switch 55 Glass black 2-way rocker 4-channel arrows
1051SSW	Switch 55 Stainless Steel 1-way rocker 2-channel
1051SSWN	Switch 55 Stainless Steel 1-way rocker 2-channel numbers
1051SSWA	Switch 55 Stainless Steel 1-way rocker 2-channel arrows
1052SSW	Switch 55 Stainless Steel 2-way rocker 4-channel
1052SSWN	Switch 55 Stainless Steel 2-way rocker 4-channel numbers
1052SSWA	Switch 55 Stainless Steel 2-way rocker 4-channel arrows

- 7) Adhesive film
- 8) Mounting plate
- 9) Frame
- 10) Holder
- 11) Bluetooth-module
- 12) Rocker