PUSH POWER
Instruction

PUSHPOWER
WIRELESS & BATTERY FREE

SIRO
SPECIAL LIGHTING

SL-PPI55W4K1

4-way furniture built-in switch with 60 mm frame

Thank you for choosing a SIRO light switch!
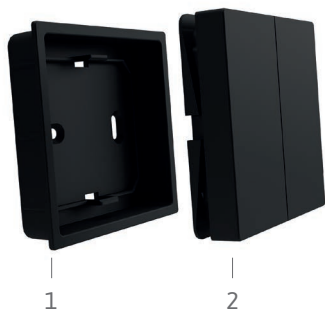These simple instructions will help you to install and use your new switch.

PRODUCT FEATURES

▸ 4-way switch for controlling SIRO PUSHPOWER receivers
▸ Also suitable for many 55 mm switch frame systems.
▸ No battery and no wiring necessary!
▸ Battery-free device without external power supply.
▸ Transmission energy is generated from mechanical energy when the rocker is actuated.
▸ Radio-based range up to 80 meters in open areas.
▸ 1 button can be connected to any number of Push Power Receivers.
▸ A changeover switch function is provided when several switches are used.
▸ Four independent MONO areas or two DUO areas can be controlled.
▸ With DUO, DUO2-Pol and RGB, the first learned button is used to switch on/off and the button next to it is used for colour adjustment.
▸ Available in white (K60) and black (K1) versions.
▸ Frame included in the scope of delivery.

SWITCH ASSEMBLY

1   Frame
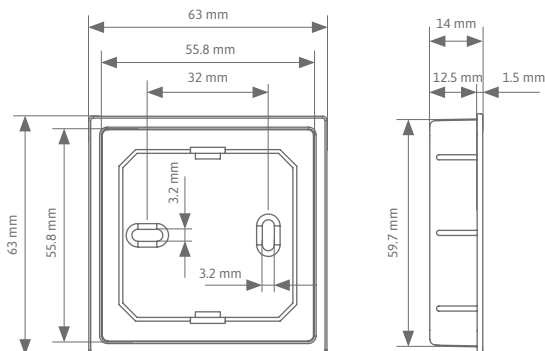2   Rocker (4-way) with radio module

1   2

ASSEMBLY

▸ On smooth, flat surfaces by milling.
▸ 1. The substrate is clean, grease-free and stable.
    2. Mill the frame (1) and glue or fix it with screws.
    3. Attach the rocker with the radio module (2).

TECHNICAL FEATURES

▸ Transfer protocol: RF 433 mhz
▸ Range: 30 meters (indoors)
▸ IP Rating: IP20

DIMENSIONS

▸ Switch incl. frame (LxBxH):   63 x 63 x 17 mm
▸ Switch without frame (LxBxH):   55 x 55 x 17 mm

SAFETY AND INSTALLATION INSTRUCTIONS

▸ This product is not a toy and is not suitable for children!
▸ The installation must be carried out without tension!
▸ This SIRO PUSHPOWER switch is only suitable for indoor use.
▸ Unprotected outdoor use is not permitted.
▸ Contact with moisture must be avoided at all costs!

PUSHPOWER — WIRELESS & BATTERY FREE
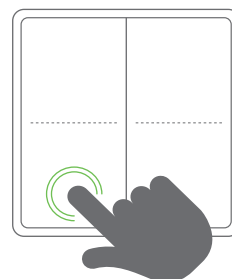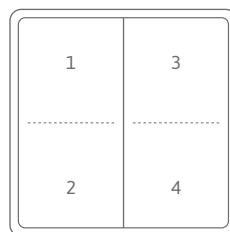
SIRO SPECIAL LIGHTING

SL-PPI55W4K1 (black)

4-way furniture built-in switch with 60 mm frame

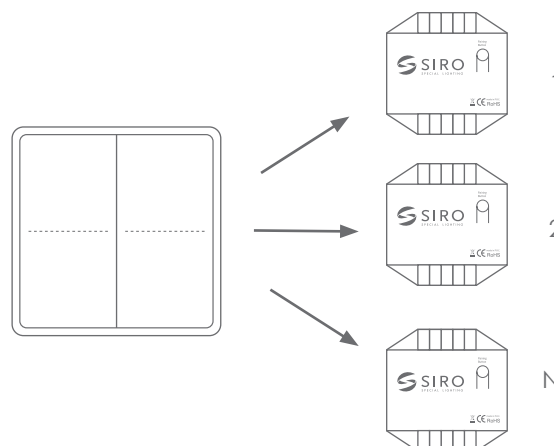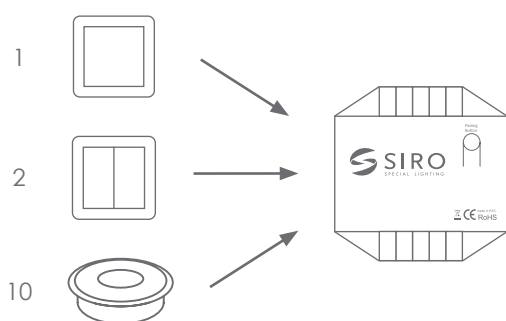## Ideally combinable with the following SIRO PushPower products:

Receiver:	SL-PPREC02TRIAC (230V dimmable), SL-PPREC02SWITCH (230V),
	SL-PPREC01MONO(12-48V dimmable), SL-PPREC01DUO (12-48V dimmable),
	SL-PPREC01DUO2W (12-24V dimmable), SL-PPREC01RGB (12-48V dimmable)
Top hat rail:	SL-PPREC03RAIL2 (230V)
Switch socket:	SL-PPREC01AC-K60 (230V)

GENERAL FUNCTIONS

1, 2, 3, 4	4-way buttons
Single click:	Switching on or off
Click and hold button 1:	Dimming 5 - 100%
Click and hold button 2:	Colour adjustment
Click and hold when switched off:	Night mode (5% brightness)

POSSIBLE COMBINATIONS

More controls on one receiver

a maximum of 10 PushPower control units (sensors, push buttons, etc.) can be connected to one receiver. Every option counts.

Radio range (depending on the local conditions)
up to 30 m indoors and up to 80 m outdoors.

One control on several receivers
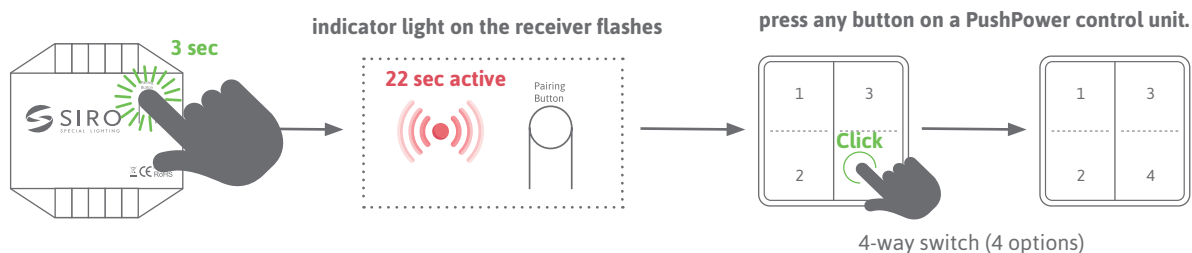
1 PushPower control unit can control any number of receivers.

🏠 •))) 30 m
🌳 •))) 80 m

FUNCTIONS IN DETAIL

CONNECT (TEACH-IN) CONTROL UNIT (SWITCH) & RECEIVER

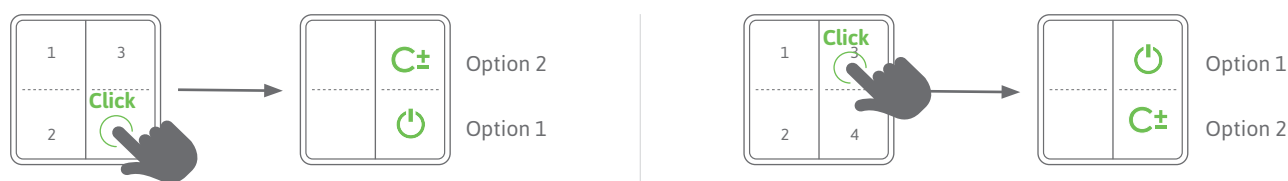**This is how you establish communication between the switch and your receiver:**

indicator light on the receiver flashes

press any button on a PushPower control unit.

3 sec

22 sec active

Pairing Button

Click

4-way switch (4 options)

press and hold for 3 seconds

The activity mode remains active for 22 seconds, after which the teach-in process is canceled and the light switches off.

The learning process can be canceled by disconnecting the power.

Each button/option (1&2) can be assigned its own function/option. If it is not assigned, this is a space bar.

Click

C± Option 2

⏻ Option 1

Click

⏻ Option 1

C± Option 2

With the DUO system, activating the first button (option 1) switches it to ON/OFF and the other button (option 2) automatically becomes the color controller. When activating several switches, they act as toggle switches.

SINGLE CLICK - ON/OFF

A single click refers to a single, brief press of the light switch.

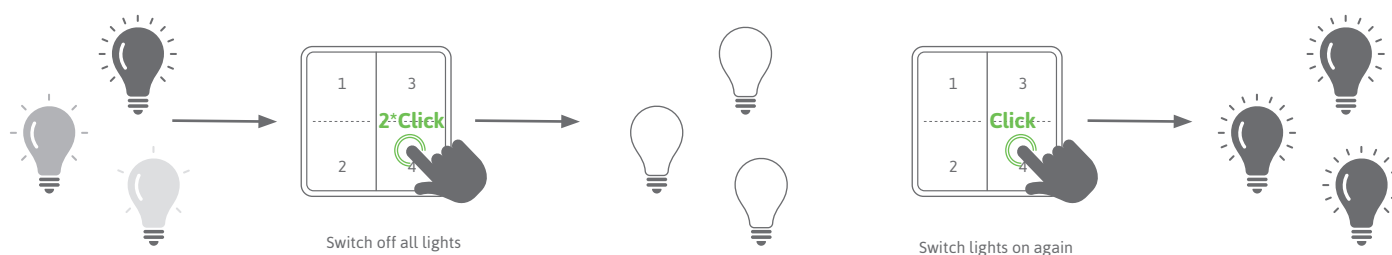**Click**

Switch light on

Click

Switch light off

With SIRO light switches, a single click is used to switch the connected light source on or off.

This corresponds to the basic function of a switch, where a single click changes the status of the lighting.
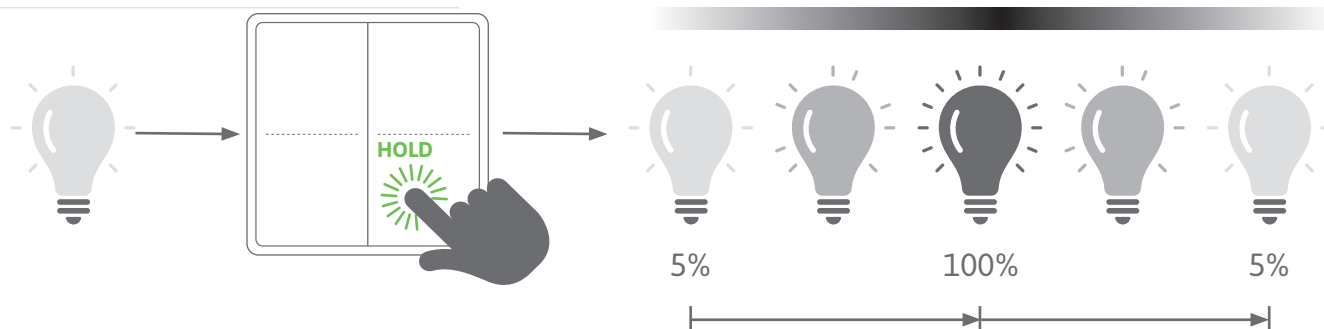
DOUBLE CLICK - SYNCHRONIZE

A double click refers to pressing the light switch twice in quick succession.

2*Click

Switch off all lights

Click

Switch lights on again

All lights are switched off. This function is used to synchronize several lights when they are running asynchronously.
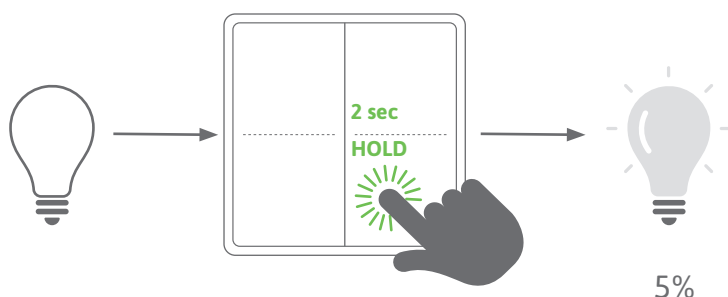
SLOW CLICK / Hold - DIMMING

5%   100%   5%

A longer press on the switch can be used to continuously increase or decrease the brightness or color temperature.
This enables precise adjustment of the lighting according to individual preferences. By default, the light starts at 50% brightness or 0% cool white and 100% warm white for DUO systems. Pressing and holding the dimming function starts the light with cyclical dimming.

SLOW CLICK WHEN LIGHT IS SWITCHED OFF / NIGHT MODE
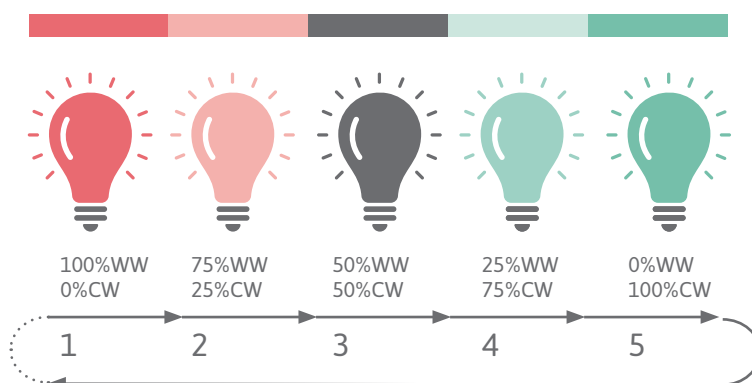
2 sec
HOLD

5%

A longer press (2 seconds) on the switch when it is switched off can be used to activate the night light.
The light starts at 5% brightness.
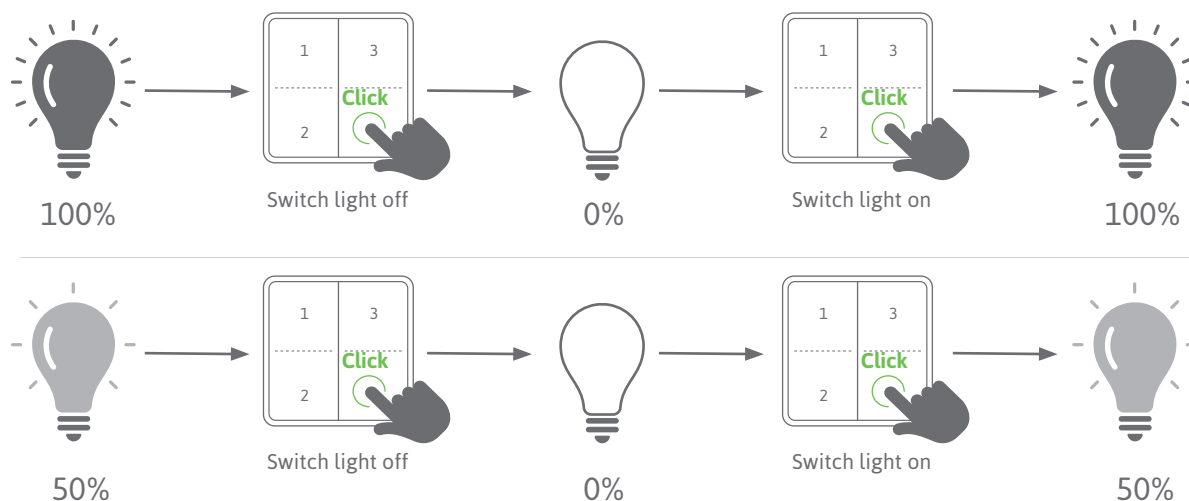
BEHAVIOR OF THE COLOR MOOD WITH DUO RECEIVER

Es gibt 5 Einstellungen:

1. ▸ 100% warm white (WW) / 0% cool white (CW)
2. ▸ 75% warm white (WW) / 25% cool white (CW)
3. ▸ 50% warm white (WW) / 50% cool white (CW)
4. ▸ 25% warm white (WW) / 75% cool white (CW)
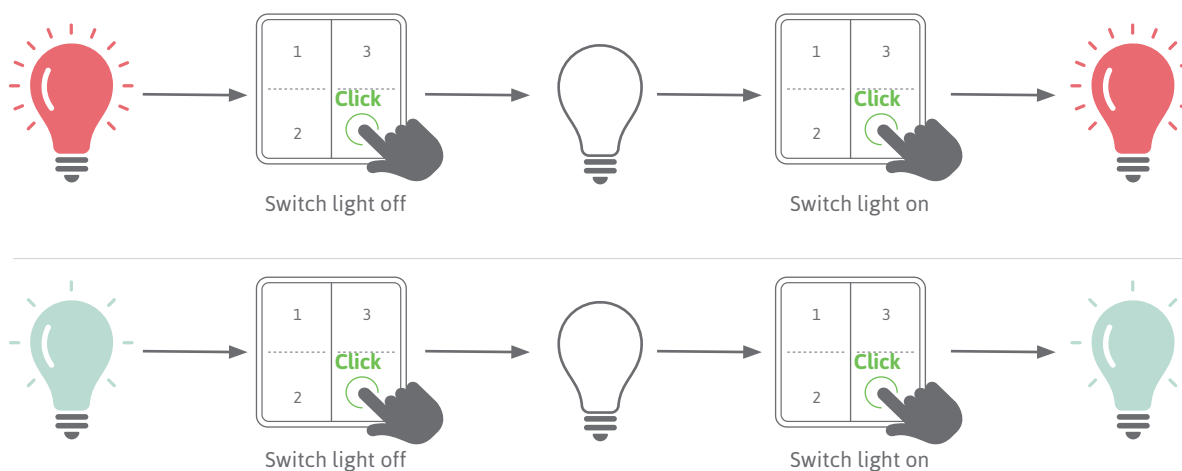5. ▸ 0% warm white (WW) / 100% cool white (CW)

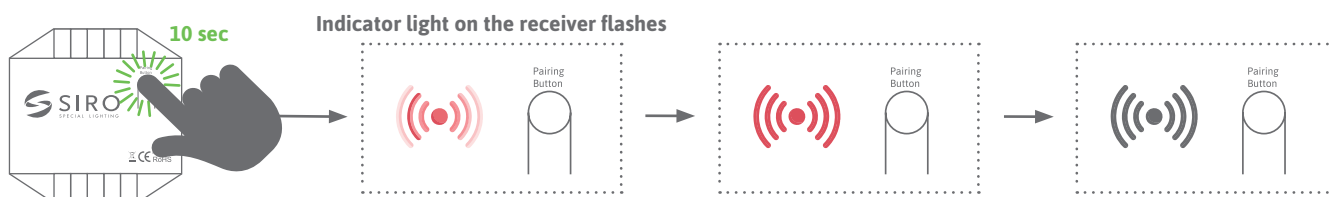100%WW 0%CW 75%WW 25%CW 50%WW 50%CW 25%WW 75%CW 0%WW 100%CW

1   2   3   4   5

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MEMORY FUNCTION

The system always remembers the last setting of the lighting situation before switching off. (power failure)

| 100% | Switch light off | 0% | Switch light on | 100% |

| 50% | Switch light off | 0% | Switch light on | 50% |

Behavior of the color mood with DUO Receiver: Here the system remembers the set color temperature in addition to the brightness.

| | Switch light off | | Switch light on | |

| | Switch light off | | Switch light on | |

RESETTING THE RECEIVER / FACTORY STATUS

10 sec

Indicator light on the receiver flashes

Pairing Button

Press and hold for 10 seconds. All connections are now deleted and the receiver is ready for a new link.