

A close-up photograph of a hand holding a red pen, poised to write on a white surface. A bright, circular yellow light source is visible in the background, creating a strong glow. The image is split diagonally by a white line, with the top-left portion being a solid light green color.

Radium

SMART Blue
Smart Switch

SMART Switch

The feature SMART Switch makes it possible to use ordinary wall switches as dimmers or for retrieving scenes set up before.

The SMART Switch can be configured by the Casambi app. Different switching modes may be assigned to one SMART Switch for each single SMART Blue controllable luminaire.

You can use the SMART Switch to switch on several light sources or on whole light scenes. So it is possible to create different light atmospheres and to get the right lighting for your application (e.g. for dinner, TV, etc.).

Go to Lamps tab and double click the lamp control which you want to assign a SMART Switching mode to.

Under Smart Switching tap the current mode to open the SMART Switching selection. As a default the mode is Dim and Save.

There are six different SMART Switching modes:

With the following gestures you can control your lighting:

Dim and save – quickly switch OFF and ON to start the dimming process, and quickly switch OFF and ON again for saving this level brightness as default.

Cycle through modes – by quickly switching OFF and ON a luminaire cycles through the different modes – Mode 1,2,3 and OFF

Control scenes – by switching one luminaire, all scenes where this one luminaire is employed, can be retrieved

Cycle scenes – by quickly switching OFF and ON, the luminaire cycles through the selected scenes

Active / Standby – controls two mutual, exclusive scenes; the first one is activated when the luminaire is switched on and the second is activated when this luminaire is switched off

Not in use – just switches the light ON or OFF – no special 'SMART' effect

Dim and Save

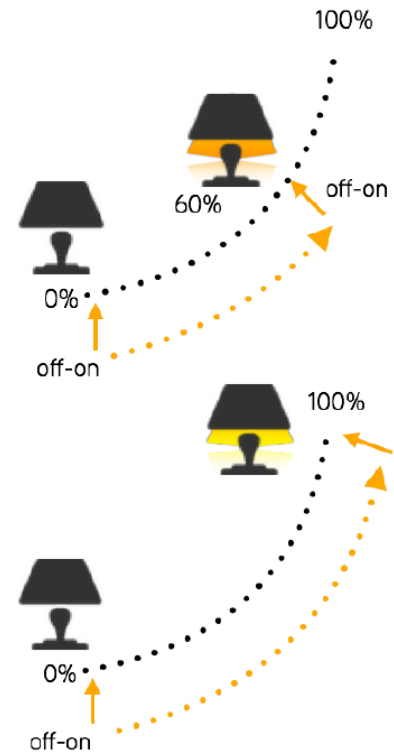
As a default Casambi enabled luminaires are set to use the Dim and Save SMART Switching mode. This means you can use the luminaires power switch for dimming and setting the default light level.

To start the dimming process, just quickly switch OFF and ON the light fixture from the wall or power switch. After flicking the switch the dimming process will start.

Once the light has reached the desired illumination level just quickly flick the power or wall switch OFF and ON, again, to save the current level as new default brightness for the light fixture.

In order to change the default brightness just start the dimming process over again.

To set the default illumination level back to maximum, just flick the power or wall switch OFF and ON once and the dimming process will start again. When the brightness level reaches the maximum value it is set as the new default for the light fixture.



Cycle Through modes

If you have set different modes for the luminaire controllable by Casambi app you can assign the power switch to control them. Modes can be different dimming levels, colours or colour temperatures. Flicking the power switch quickly OFF and ON will cycle between the different modes and off: Default, Mode1, Mode2, Mode 3, OFF.

To set a mode adjust the lighting level, colour temperature and colour of the light source to the desired level. Press long the mode you want to save the settings to and a popup will open. Select Save. Repeat the steps to set more modes.

After you have set all the desired modes tap the SMART Switching mode and select Cycle through modes from the list.

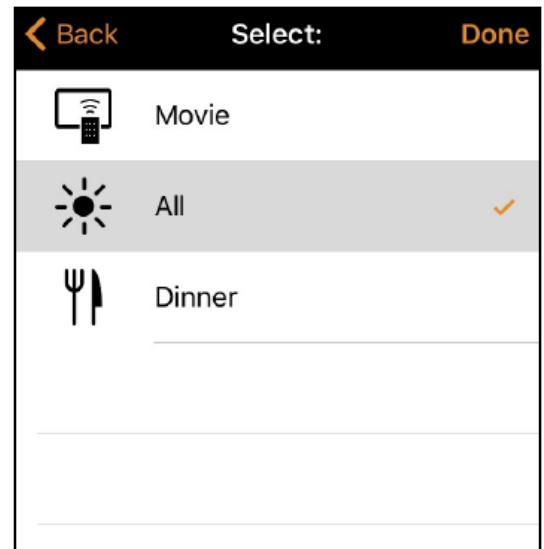
Tip: Create a standard step dimmer by storing Mode 1 = 75%, Mode 2 = 50% and Mode 3 = 25%.

Control Scenes

If you have created different scenes with Casambi app you can control them by a single power switch.

Select which scene or scenes you want to control. Turning on one luminaire will also turn on all other luminaires in that scene(s). Turning off one luminaire will also turn off all the other luminaires that are currently controlled by that scene.

Select the 'Control Scenes' option from SMART Switching and tap on the desired scene or scenes to select them. Confirm changes with 'Done'.



Cycle Scenes

If you have created different scenes with Casambi app you can cycle through them and/or switch them off with one power switch. Select the scenes you would like to cycle through and flick the power switch OFF and ON to cycle the selected scenes.

Select the 'Cycle Scenes' option from SMART Switching and tap on the desired scene or scenes to select them. It is also possible to change the order of the scenes by dragging and dropping. Confirm changes with 'done'.

For example, selected scenes Movie and Dinner:

Flick off-on -> Movie scene activates

Flick off-on -> Movie scene goes off and Dinner scene activates

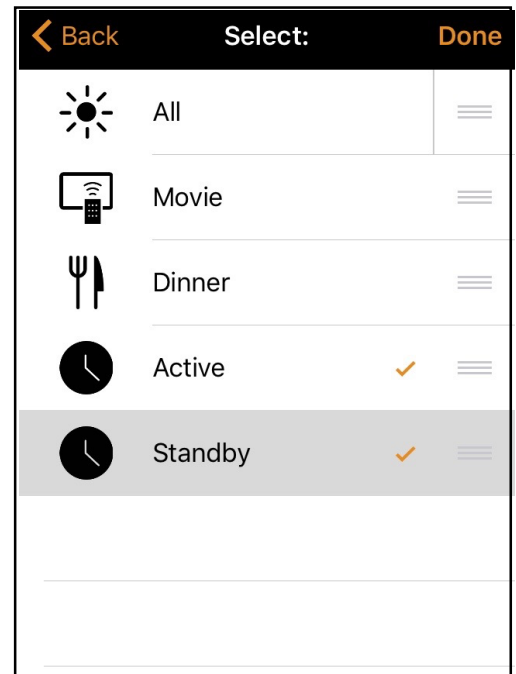
Flick off-on -> Dinner scene goes off

Active/Standby

With Active/Standby SMART Switching mode you can control two scenes that have exactly the same luminaires in them.

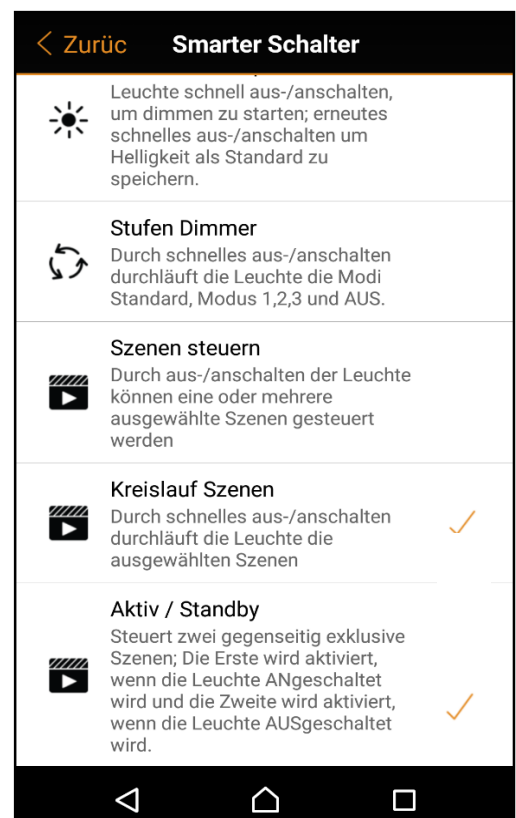
Create two scenes, one active scene that should turn on when the controlling luminaire is turned on and one Standby scene that is turned on when the controlling luminaire is turned off. This mode can be used for example with motion sensors:

When motion is detected the luminaires go to full light level and when there is no motion the luminaires are dimmed to – for example – 30%.



Not in Use

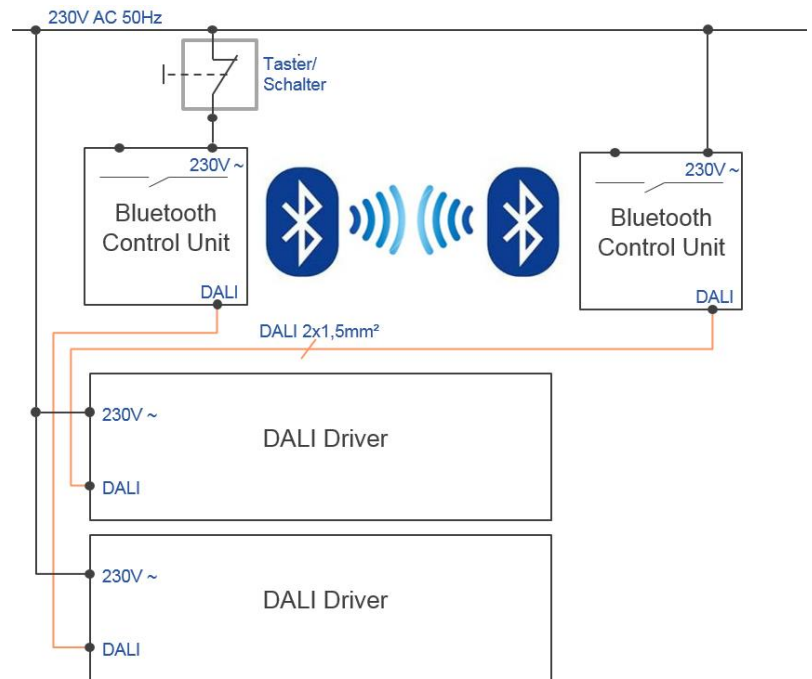
Sometimes it is necessary that the power switch does not do anything special when used. The 'Not in use' option will disable all our SMART Switching features.



Push button integration with SMART Blue BCUs

The SMART Blue modules have no separate entry for push buttons.

But it is possible to position a switch or a push button in front of the module, so that the module loses the power supply by activating for a moment. By voltage recovery it will be performed what was pre-set in the app before. The module, which controls the luminaire, can additionally be operated by a push-button or a switch.



When you use a switch instead of a push button, the light is not controllable by smartphone when it is turned off. Interconnection of scenes or light values is more comfortable with a push button.

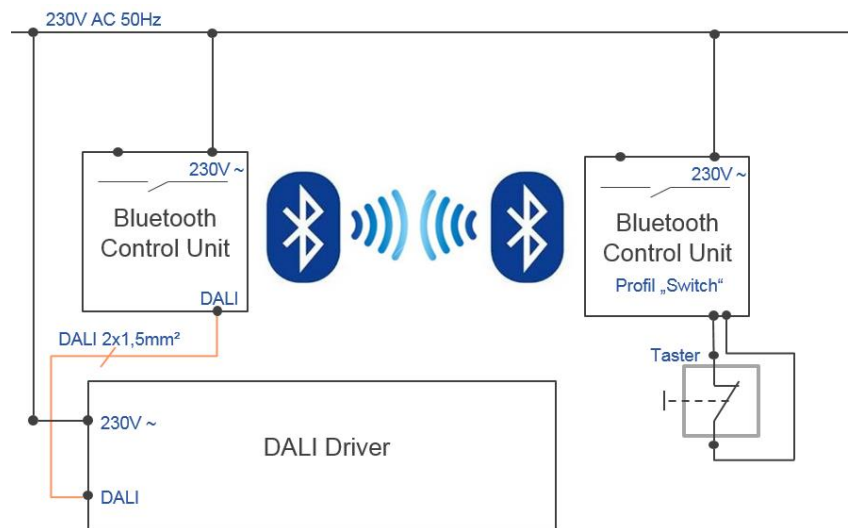
Use the BCU as a push button-coupler

Another possibility to integrate a push button is to use a BCU as a pure push button. Then the BCU is only to receive push button orders and cannot control a luminaire directly. Therefore a second BCU has to be inserted in the same network. The advantages of this configuration are, that scenes can be interconnected clean without that the luminaires turn off between the scenes. Thereby comfortable dimming by "Langdruck" (TouchDIM) is possible.

Important!

The BCU can only be practised, when the profile "Switch" was played before. How this is to use, you can find out in our "[Profile Guide](#)".

This function is not possible with BCU TED!



SMART Blue Remote

When you do not want to use a switch or a push button you can also use the SMART Blue Remote. It is a flexible Bluetooth switch, which can be used as a wall switch or also as a remote – all without any wire connection.

More information about SMART Blue Remote you get on our website under:
<http://www.radium.de/en/content/smart-blue-remote-wireless-user-interface>

