

## How to configure lighting control for a hotel room keycard

Before using the cheat sheet, please make sure you have the basic Casambi App knowledge for creating a network, pairing devices, creating groups and enabling control hierarchy. For more information, please refer to the tutorial videos on: <https://casambi.com/tutorial-videos/>

### Scenario

#### EnOcean hotel room keycard

- Inserting a hotel room keycard activates the **WELCOME** scene with manual control priority, allowing other room switches to adjust the lighting.
- Removing the keycard triggers the **ALL OFF** scene at a Higher than manual priority, overriding all other switches to ensure the lights remain off.

### Key Programming Overview

#### Scenes

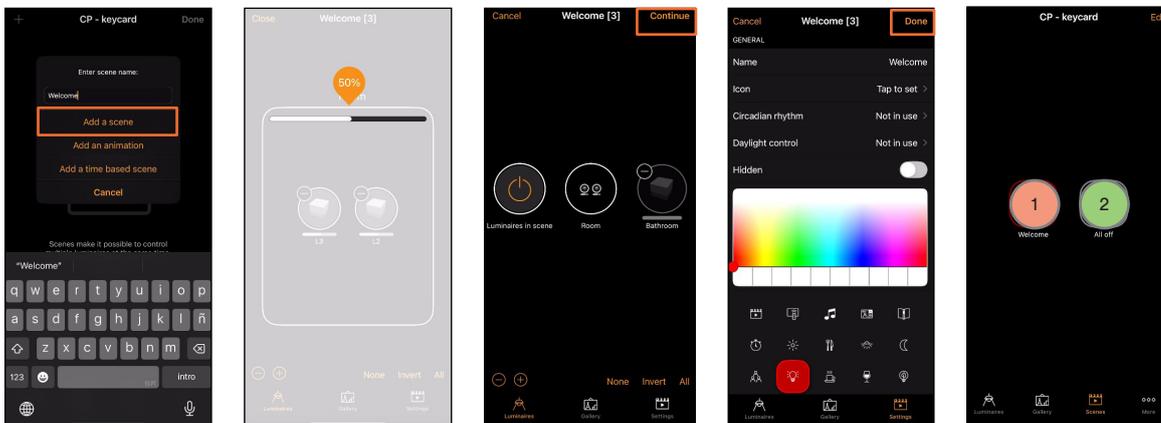
- **WELCOME:** Room lights are on at 50% and bathroom lights are off.
- **ALL OFF:** All lights are off.

#### Switches

- IN: The keycard triggers the **WELCOME** scene. OUT: Turns off the lights.

The **Controls priority** option enables switches to activate scenes at different levels in the Casambi Control Hierarchy. It is designed for latching switches. Using **Controls priority** you can define an action/scene for when a switch is closed (Active state), and another for when it is opened (Inactive state). In addition, you can define the Activation and Deactivation priorities the action has in the Casambi control hierarchy.

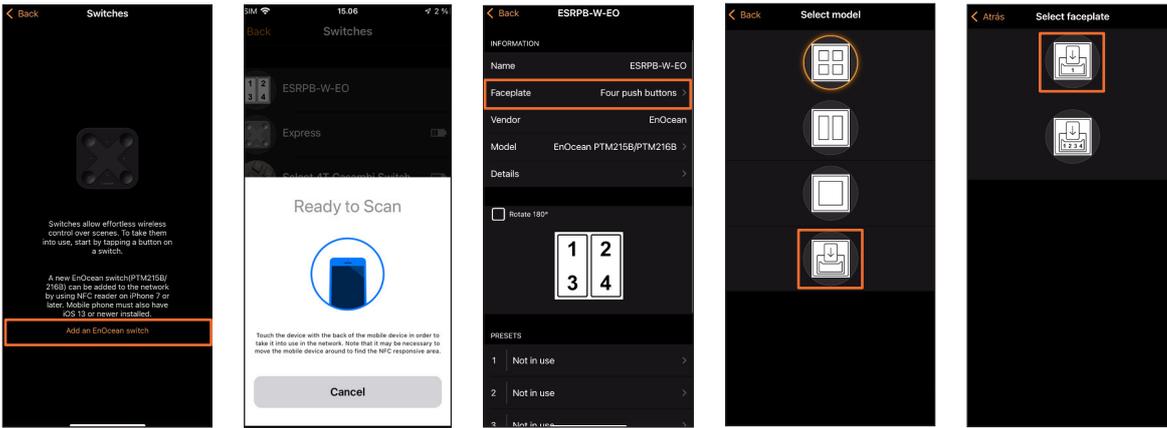
### STEP 1: SCENE Casambi App → Scene



Repeat this process to create the 2 scenes:

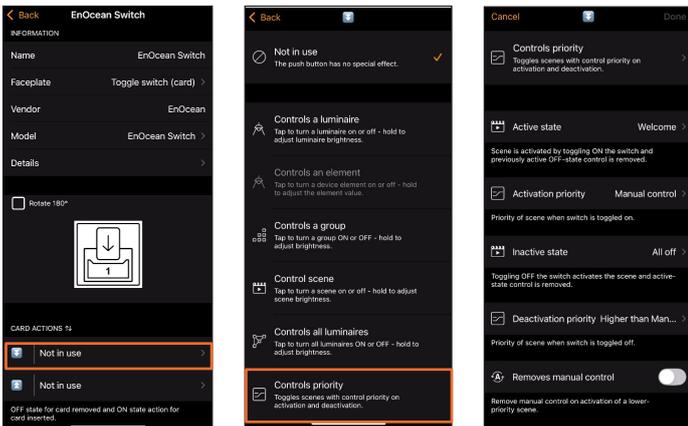
- 1 **WELCOME:** Set the room luminaires to 50% and bathroom lights to 0%.
- 2 **ALL OFF:** Set all luminaires to 0%.

STEP 2: SWITCH Casambi App → More → Switches



When the NFC reader detects the switch, the device may buzz and the Switches page is opened showing the switch.

Casambi App shows the 4 button faceplate as default. Change the faceplate before starting the configuration. In this case, select the keycard model and then the normal version (1 button).



- Select the **WELCOME** scene that will be activated when the keycard is inserted.
- By choosing **Manual control** priority, the **WELCOME** scene will allow other commands to function normally.
- Select **ALL OFF** scene as Inactive State. It will be activated when the keycard is removed, disabling the active-state control.
- For Deactivation priority, choose **Higher than manual**. It means that the **ALL OFF** scene cannot be overridden by any other switch command in the room.

Only the option requires configuration for a normal key card switch. The setting does not need to be configured for normal key cards because both the insert and removal actions and their priorities can be defined in the setting.

WHEN THE KEYCARD IS REMOVED... Casambi App → Luminaires



... a small icon (square with two upward-pointing arrows inside) in the top right of each luminaire will indicate the **Higher than manual** command is affecting the luminaire.