How to configure your lighting network to work in conjunction with a fire alarm panel

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

Fire alarm

- When the fire alarm is triggered, a dry contact closure from the emergency system relay activates a FIRE scene at Emergency priority level that cannot be overridden by any other command in the Casambi system.
- When the contact is opened again following the deactivation of the alarm trigger, the **ON 50** scene is triggered at the lowest priority, ensuring all other commands that may be operating in the background take priority.

Casambi Hardware Requirement

• CBU-ASD-LR: 1 unit

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.

Key Programming Overview

Scenes

- FIRE: All lights are on at 100%.
- ON 50: All lights are on at 50%.

Switches

CBU-ASD-LR Push button (Profile 1031)
 Button 1: Controls Priority



Repeat this process to create the 2 scenes:

- FIRE: Set all luminaires to 100%.
- ON 50: Set all luminaires to 50%.

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STEP 2: SWITCH		Casambi App —	→ More → Switches]
C Back Switches		 	Cancel Push buttons Done Controls priority Controls priority > Togges comes with control priority on the detectment. >	Select the FIRE scene that will be activated when fire alarm sound.
Battery powered switches can be updated or unpaired after pressing two preset buttons simultaneously.	lcon Tap to set > Vendor Casambi	Controls a luminaire Tap to turn a luminaire on or off - hold to adjust luminaire brightness.	Active state FIRE >	Choose Emergency that is the highest priority. It means that the FIRE scene
Canada and ExoCuciani Investment A men Eroclean and ExoCuciani Investment A men Eroclean and ExoCuciani Investment Mobile phone must also here 0.5 °B or never installed.	Model Push button > Details >	Controls an element Tap by furn a device demend or a definition of the mich and providely strike off-table order is removed. Activation priority Emergency >	cannot be overridden by any other command.	
	PUSH BUTTORS 1 Not in use > Controls what happens when a push button is used. >	Controls a group Tap to turn a group ON or OFF - hold to adjust brightness.	Priority of scene when switch is toggled on.	Select ON 50 scene will be actived when the emergency is over and the contact is
	Use toggle	Tap to turn a scene on or off - hold to adjust scene brightness.	Togling OFF the switch activates the scene and active- state central is removed.	opened, removing the active-state control.
	 (ⓐ iBeacon Disabled > (◊ Unpair device > 	6 ²⁰ Taga to turn all luminaries ON or OFF - hold to adjust brightness. Controls priority Toggles scenes with control priority on	Priority of scene when switch is toggited off.	By choosing Lowest-priority automation, the ON 50 scene will be triggered at the
	Unpairs this device so that it can be added to another network.	activation and deactivation.	Charlon and discharlon Interview manual codes of a school on of 5 lower I lowest priority, allowing oth commands to function normal	 lowest priority, allowing other automatic commands to function normally.

Casambi App



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Scene

... a small icon (triangle with an exclamation mark inside) in the top right of each luminaire will indicate the Emergency priority command is affecting the luminaire.

WIRING DIAGRAM	CBU-ASD-LR (Profile 1031)	
	FIRE ALARM PANEL	

