Installation Instructions – PM203 SLiC550C push-button controller – Casambi enabled

Description:

The Switch Lighting intelligent controls SLiC550C is a Casambi enabled Bluetooth push-button adapter, allowing up to 4 simple momentary push-buttons to be connected to a Casambi lighting system. It is installed behind the switch plate and signals to the Casambi lighting system the state of the push-buttons. The Casambi App is used to program the function of each push-button when the system is commissioned.

Note: the push-buttons do NOT directly switch any lighting circuit, do not connect them to anything other than the SLiC550C adapter as shown in the wiring diagram.

Installation:

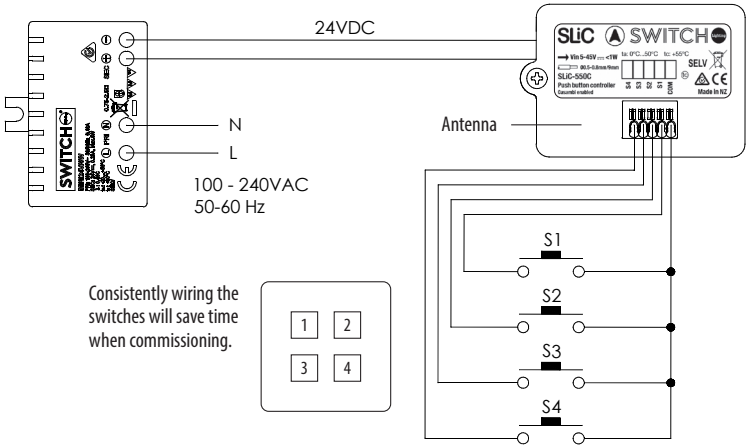
1. Ensure the supply is switched off during the install.
2. This device contains a Bluetooth Antenna – ensure the device is not installed adjacent to metal objects and wiring
3. To ensure maximum bluetooth range is achieved, it is recommended to push the unit through the back of the flush box so the antenna is in clear space
4. Connect the push-buttons to the unit as shown in the wiring diagram below.
5. Connect the red and black cables to the 24V output of the supplied driver
6. Connect the AC input to the driver
7. Follow commissioning instructions below

Warning: do not connect the push-button switches to any other circuit

Commissioning:

1. Download the app from Apple App Store or Google Play Store and allow notifications and Bluetooth if prompted.
2. Ensure sure all Casambi enabled devices are powered on and open the Casambi app.
3. Check that all the devices appear as "nearby devices" on the app.
4. Select ***Take into use*** and this will automatically add all devices to a new network.
5. When prompted select the ***Classic*** network.
6. Give your Network a name, location and select if you want to share the network. There are 4 options here; Not Shared, Administrator only, Password protected or ***Open***. For simple testing choose ***Open***
7. Click ***done*** when you are happy with your settings and your Network will be established, allowing you to now control all the Casambi devices in the mesh network.
8. Go to the ***More*** tab and select ***Switches***, this is where you will find the SLiC push-button controllers.
9. Press the magnifying glass (top right), then press the push button you wish to program and it will be automatically selected.
10. Select each of the 4 push-buttons in turn and set to ***Controls all luminaires***. Don't forget to press ***Done***, then press each push-button on the corresponding switch plate to test functionality of the system. All the lights in the system should cycle on/off each time you press any of the switches you have programmed.
11. You can now access the luminaires tab, gallery and scene tabs, which will give you the chance to group luminaires, set scenes for multiple devices, initiate timers, sensors, relays and other devices on the network to personalise your lighting control. Then return to the switches tab to program each switch to control them.

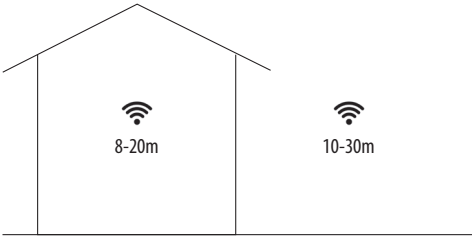
For further information and detailed instructions on setting Scenes, Groups, Timers, Sensors, Circadian lighting profiles and much more please use the QR link.



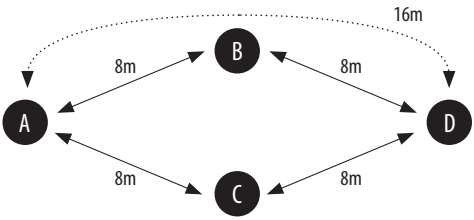
Consistently wiring the switches will save time when commissioning.

Range:

The Casambi system forms an interconnected radio mesh, so each unit also acts as a repeater, thus larger systems are easily achieved as long as at least one unit is no further than 8m from the next.



Range is highly dependent on surroundings and obstacles



Casambi mesh

Suitable momentary switches:

Must be rated to at least 12VDC

Switch plate type	Push-button p/n	Comment
ICONIC	PDL356PBSS-VW	White p/n
PDL600	PDL680TMPBBK	Black p/n
Clipsal	30PBBP-BK	Black p/n
Legrand	EMELVNWE	White p/n
HPM	870MWE	White p/n
Hager	WBMLVT-MB	Matt black

Compatible devices:

Suitable devices to run the Casambi App include iPhone & iPad iOS 10 and later, Android 4.4 and later. Most Apple and Android phones will be compatible.

GET IT ON Google Play

Download on the App Store

Specification SLiC550C:

Parameter	Value	Comment
Input voltage	5-40VDC	Mini 24V supplied
Power usage	<0.1W	SLiC550C only. With Mini 24V total power approx 0.5W
Network type	Casambi Classic	
Push-buttons	4 max	LED push-buttons are not supported
Bluetooth radio	2.4-2.48GHz @ <4dBm	
Ambient temp	0º to +50ºC	
IP rating	IP20 (indoor only)	