

# WIRELESS CASAMBI CONTROL

INSTALLATION INSTRUCTIONS | JUNE 2024



**READ COMPLETE INSTALLATION PROCESS BEFORE INSTALLING THE DEVICE INTO THE TRACK.**



## ATTENTION

By powering the track, connecting the wireless module and the luminaires without programming the system, the module will program all the new luminaires in random mode.

## WIRELESS CONTROL FEATURES

- Suitable for installation on Wever & Ducré Strex 48V system.
- To be controlled via Bluetooth by means of the Casambi app, available via App Store or Google Play.

### APP STORE



### GOOGLE PLAY



- To discover all features and functionalities of the app, visit the Casambi website at [WWW.CASAMBI.COM](http://WWW.CASAMBI.COM)
- Two automatic modes to program new luminaires into groups: EN1812\_V2\_Standard (factory default) and EN1812\_V2\_Fast Group. (EN1812\_V2\_TW\_STANDAR and EN1812\_V2\_TW\_FAST GROUP are not applicable for Wever & Ducré)
- Allows programming of up to 64 DALI luminaires by assigning them to up to a maximum of 8 groups.

## SETTING UP WIRELESS CONTROL WITH CASAMBI

Install the Casambi app from the App Store or Google Play (using the QR codes above).

### 1. CREATE A NEW NETWORK:

- Select the „My Networks“ section in the app and choose „Create new network“.
- If the network selected was of the Evolution type - all 8 groups will be usable. - recommended
- If the network selected was the classic type - only 4 groups will be usable.

### 2. PAIRING THE WIRELESS MODULE VIA BLUETOOTH:

- Insert the module into the track and power up the track without any luminaires on the track.
- The device will be detected by „Nearby Devices“ (indicated by a red icon on the side).

### 3. ACCESS THE NETWORK CREATED:

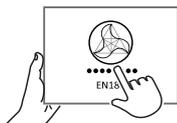
- In the „My networks“ section, find the icon of the wireless module corresponding to the associated Casambi module.

## DISCONNECTING FROM THE CASAMBI NETWORK

- Go to „More“ and select „Nearby devices“ from the menu.
- Click on the corresponding item in the „Bluetooth devices“ section and select the unpair function.

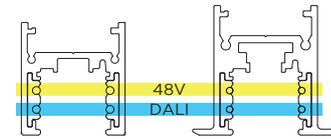
## CASAMBI APPLICATION FUNCTIONS

- By clicking on the main icon\* of the wireless module, you can switch all the luminaires on and off at the same time.



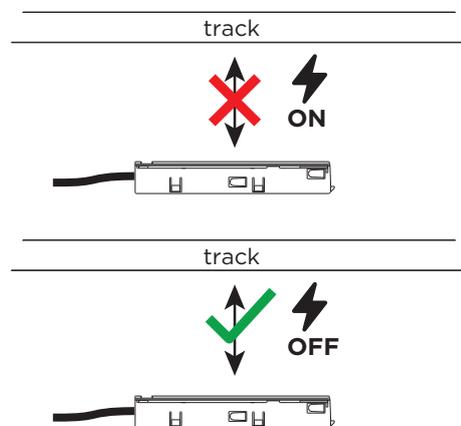
- Clicking and dragging the icon sideways displays the general slider, which allows you to adjust all the luminaires at the same time.
- Clicking and holding on the main icon\* displays the slider for each group so that they can be controlled separately

## CONNECTION EXAMPLE



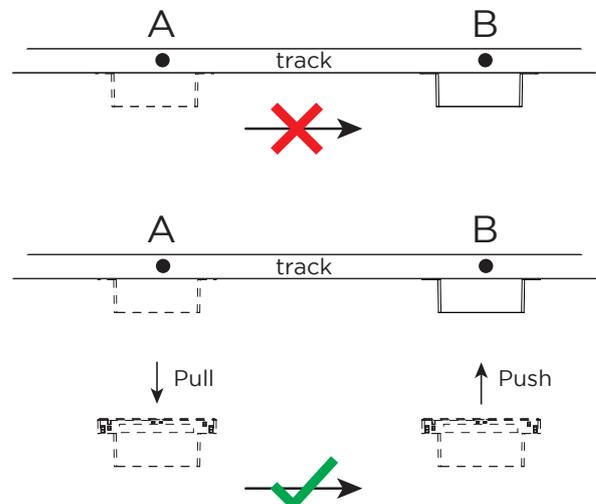
## IMPORTANT

The power needs to be **ON** and the power feed in track for programming the wireless Casambi Control. Do not pull out the power feed when the power is on. Turn the power **OFF** before removing the power feed.



## IMPORTANT

If you want to change the location of the device in the track, please pull the device out of the track and install it on the correct position.



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# WIRELESS CASAMBI CONTROL

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A EN1812\_V2\_STANDARD PROGRAMMING?

B EN1812\_V2\_FAST GROUP PROGRAMMING?



**READ COMPLETE INSTALLATION PROCESS BEFORE  
INSTALLING THE DEVICE INTO THE TRACK.**

## 1. PROGRAMMING DALI LUMINAIRES INTO GROUPS

- Luminaires must be new or reset if previously used (see the „RESET OF LUMINAIRES (2)“ section).
- Automatic programming can be

**A** EN1812\_V2\_STANDARD (factory default) or

**B** EN1812\_V2\_FAST GROUP, depending by the active profile

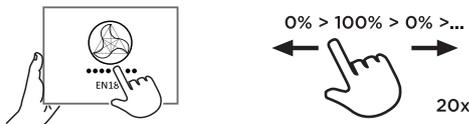
(see the „CHANGING CASAMBI PROFILE (3)“; „EN1812\_V2\_STANDARD (A) or EN1812\_V2\_FAST GROUP (B)“ section).

- When switched on, the module will scan the track looking for the presence of new luminaires.
- In EN1812\_V2\_Standard mode, luminaires will be programmed with individual addresses, distributing them between the groups.
- In EN1812\_V2\_Fast Group, all luminaires will be assigned to a single group.

## 2. RESET OF LUMINAIRES

(erasing group assignment to luminaires)

- Switching all relevant luminaires minimum 20 times **ON** and **OFF** using the main icon\* in the Casambi app.



- The end of this sequence can be recognised by the luminaires no longer responding to the ON and OFF switching and remaining stable at 100%.
- **RESULT:** This means all connected luminaires have been successfully reset and the re-assignment of groups can start again.
- Note that all luminaires connected to the track will be reset.
- In case resetting is only needed for some luminaires, make sure to remove the other luminaires from the track before resetting.
- To guarantee the correct reprogramming after the reset, both luminaires and the wireless module should be removed from the track and kept off the track for at least 15 seconds.

## 3. CHANGING CASAMBI PROFILE

### V2\_STANDARD (A) OR V2\_FAST GROUP (B)

- In order to change the Casambi profile, the module must be powered and not paired to any Casambi network.
- To unpair a device from the network, change to „More“ and to the menu „Nearby devices“.
- By clicking on the relevant item under „Bluetooth devices“ you can select the unpairing function, and then you can select „Change Profile“ under „Bluetooth devices“ to choose one of the below options:

**EN1812\_V2\_STANDARD (A)** (Factory default)

manages up to 8 groups, standard luminaire programming

**EN1812\_V2\_FAST\_GROUP (B)**

manages up to 8 groups, fast programming

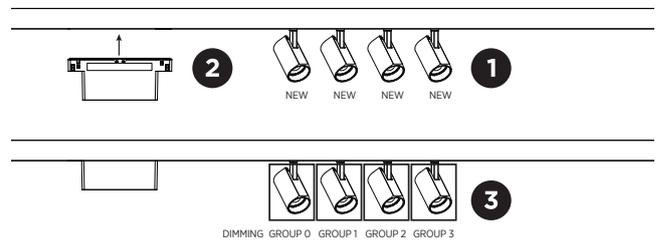
**EN1812\_V2\_BROADCAST**

only broadcast commands (luminaires will be in one group)

**A**

### EN1812\_V2\_STANDARD PROGRAMMING (Factory default)

Make sure to not add the wireless control to the track yet.



1. Insert luminaires into the powered track.
2. Insert the wireless control module into the powered track.
3. **RESULT:** The luminaires will be assigned randomly to groups, starting with DIMMING GROUP 0 up to DIMMING GROUP 7. The luminaire will dim down so it can be visibly verified when correctly assigned.

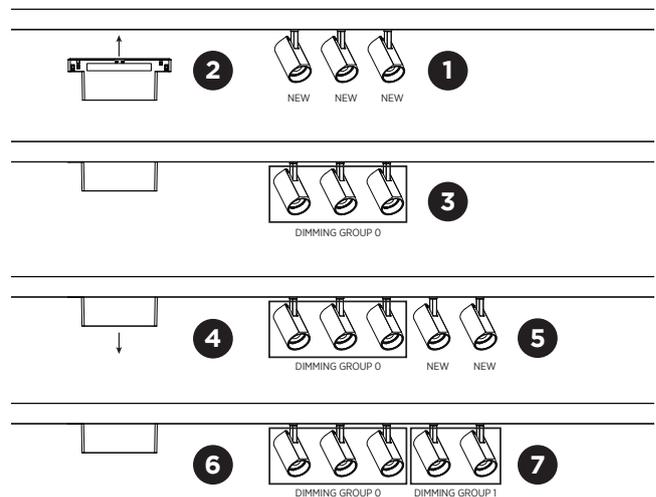
When adding more than 8 luminaires, the 9th luminaire will be added to DIMMING GROUP 0 and so forth.

**B**

### EN1812\_V2\_FAST GROUP PROGRAMMING

Make sure luminaires are reset (2) and change the profile (3).

Make sure to not add the wireless control to the track yet.



1. Insert luminaires into the powered track.
2. Insert the wireless control module into the powered track.
3. **RESULT:** The luminaires will be assigned together to the same group, starting with DIMMING GROUP 0. The luminaire will dim down so it can be visibly verified when correctly assigned.
4. Remove the wireless control module from the powered track.
5. Add additional luminaires into the powered track.
6. Insert the wireless control module into the powered track.
7. **RESULT:** The newly added luminaires will be assigned together to the next available dimming group.



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