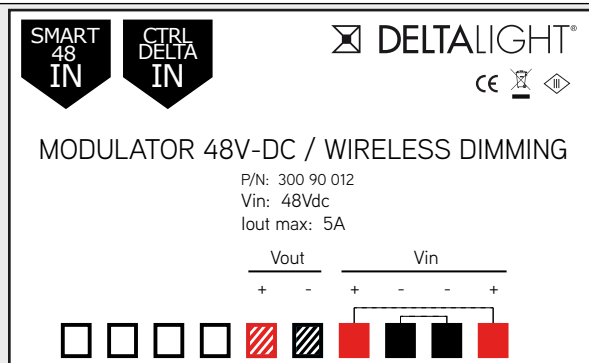
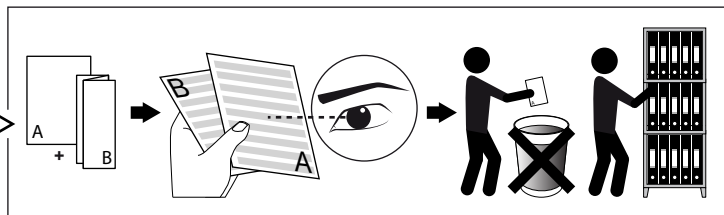


DEEL
PARTIE
TEIL
PART
PARTE
PARTE

A



IN: 48V-DC
Allowed voltage MIN. 46,5V-DC
MAX. 51V-DC

 **SOME 48V-DC POWER SUPPLIES HAVE AN ADJUSTABLE OUTPUT VOLTAGE. MEASURE THIS VOLTAGE AND ADJUST BETWEEN 46,5V-DC and 51-DC BEFORE CONNECTING TO THE MODULATOR**

OUT: SMART48 MODULATED 48V-DC, 200W MAX
FOR MDL (MODULATED DIM LOW VOLTAGE)
COMPATIBLE LOADS ONLY



CTRL DELTA WIRELESS CONTROLABLE
(USE CASAMBI APP TO PAIR MODULATOR)

MAX POWER VS DISTANCE MODULATOR TO TRACK

CONNECTION TO TRACK IN 1,5mm² CABLE

[illegible]

CONNECTION TO TRACK IN 2,5mm² CABLE

[illegible]

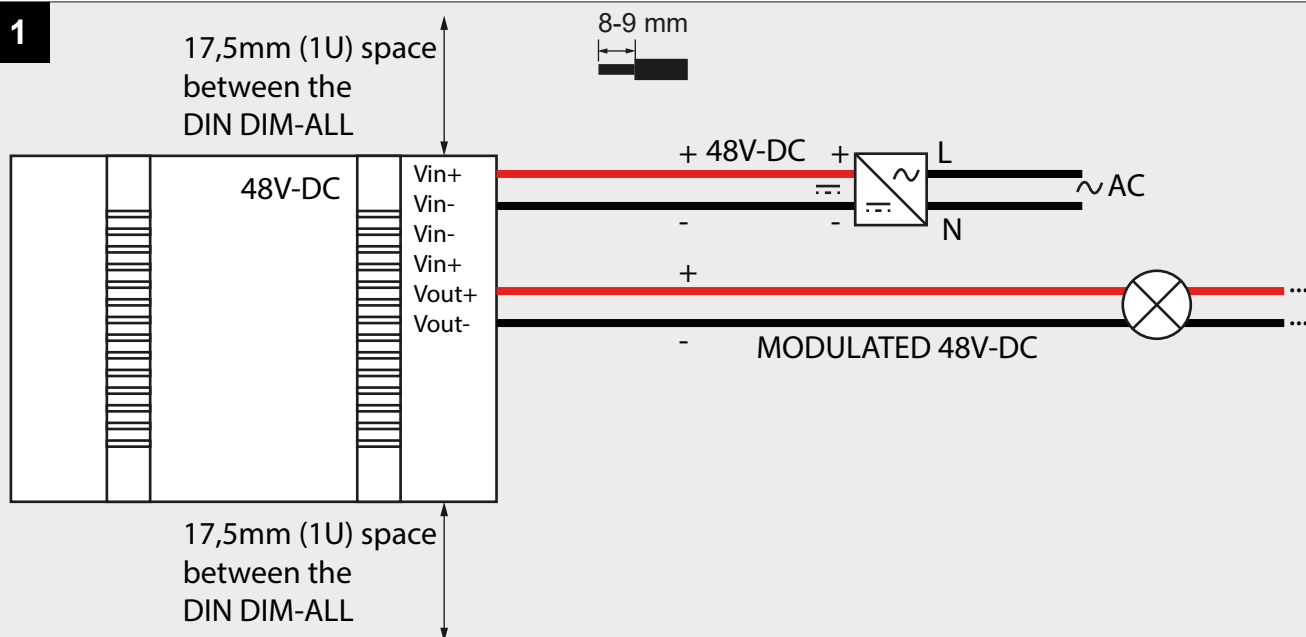
IP20

Beschermd tegen vaste voorwerpen die groter zijn dan 12 mm
 Protégé contre les objets solides de plus de 12 mm
 Geschützt gegen Festkörper größer als 12 mm
 Protected against solid objects greater than 12 mm
 Protegido contra objetos sólidos superiores a 12 mm
 Protetto contro oggetti solidi più grandi di 12 mm



Enkel geschikt voor toestellen op zeer lage spanning (minder dan 50 V-AC / 120 V-DC)
Convient uniquement pour les produits à très basse tension (moins de 50 V-AC / 120 V-DC)
Geeignet für Güter mit sehr niedriger Spannung (unter 50 V-AC / 120 V-DC)
Only suited for goods at very low voltage (below 50 V-AC / 120 V-DC)
Se recomienda únicamente para aquellos productos de tensión muy baja (menos de 50 V-AC / 120 V-DC)
Vale unicamente per i prodotti a tensione molto bassa (inferiore a 50 V-AC / 120 V-DC)

1



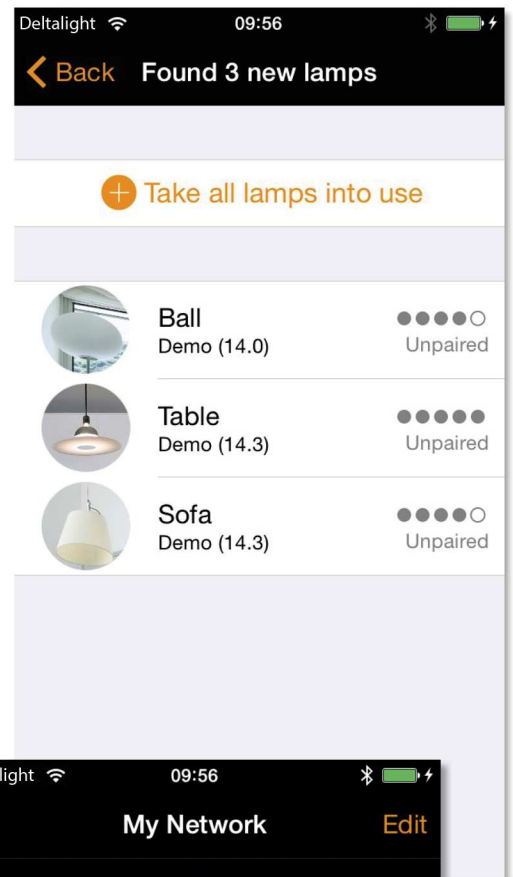
Casambi App Short User Guide



First time use

Casambi app is easy to use. Follow these simple steps.

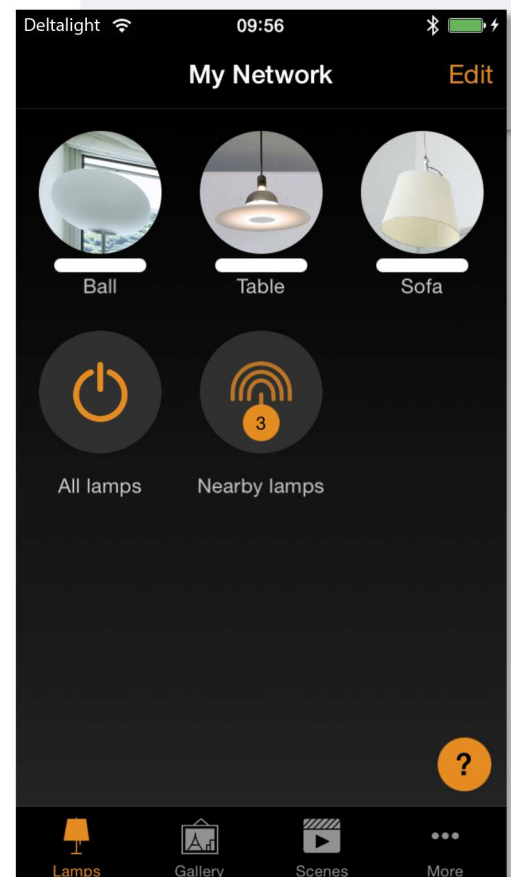
1. Download the app from Apple App Store or Google Play Store.
2. Turn on your Casambi enabled luminaires.
3. Open the app.
4. Casambi app will automatically find all Casambi enabled luminaires that are switched on.
5. Tap on the 'Take all lamps into use'
6. Casambi app will automatically add all luminaires to one network and open the 'Lamps' tab



Basic gestures

Here are the basic gestures how to control your lights.

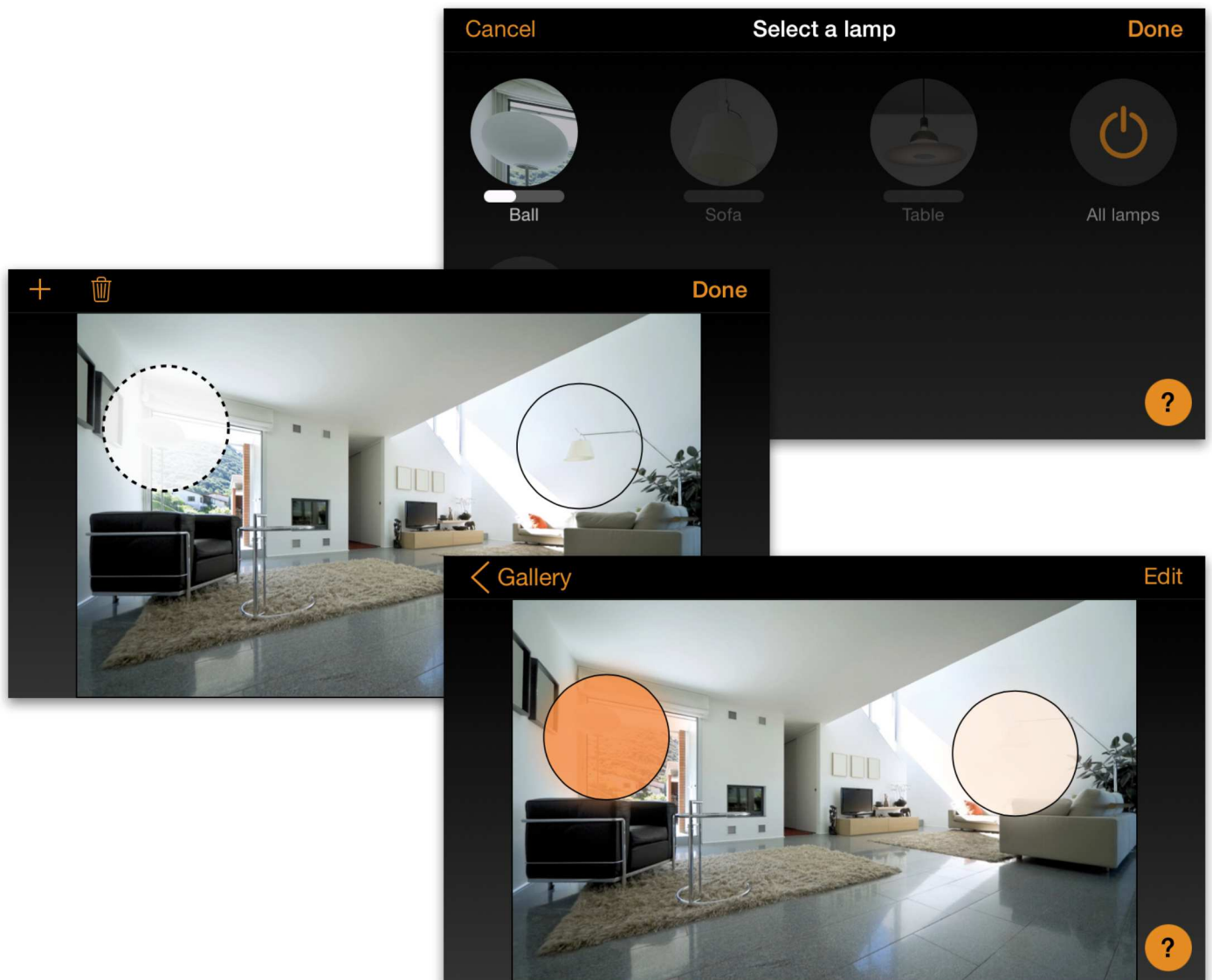
- To turn off or on your luminaire just tap on the lamp control.
- Pan lamp control left or right to adjust light level of the luminaire.
- Pan lamp control up or down to adjust the colour temperature of the luminaire.
- Hold on top of the lamp control to change the colour and save colours to palette.



Gallery

The Gallery in Casambi app is the most natural way of controlling your luminaires. Take a picture of the room where your luminaires are, and place lamp controls over them in the picture. You can also take a panorama picture to have more luminaires in one photo.

1. Add a photo of your room to Casambi Gallery by tapping 'Edit' and after that the '+' sign.
2. After you have added a photo you can add lamp controls to the picture. Tap on the '+' sign, select a lamp control that you want to add to the picture and tap 'Done'.
3. After you have added controls over all the luminaires in the picture tap 'Done'.
4. Now you can control your luminaires visually from the picture. No need to guess which luminaire is which.



Scenes and animations

In the 'Scenes' tab you can create different lightings for different occasions. It is possible to control multiple luminaires with one tap to create perfect ambience. One luminaire can be used in several scenes.

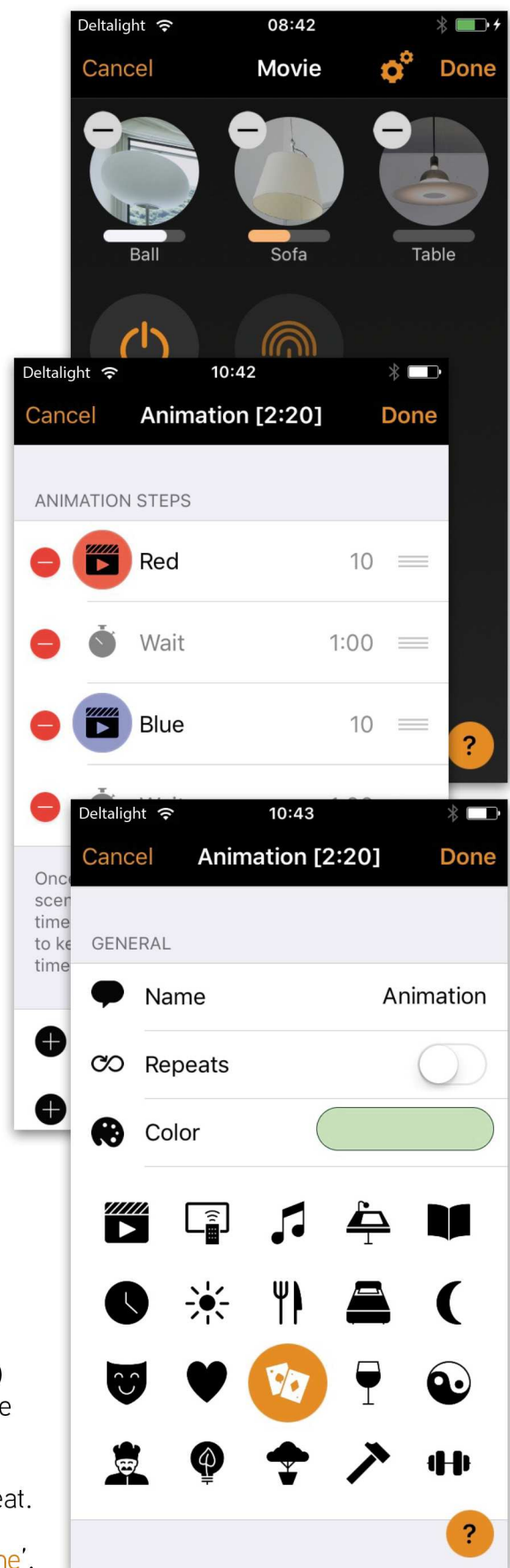
1. Tap on 'Add a scene' and enter a name for the scene. Select the 'Add a scene' option
2. Select one or multiple lamp controls and adjust the luminaires for the scene. You can adjust the luminaires separately or if you want to have same dim level or colour for all you can use the 'Lamps in scene' control to adjust all luminaires in the scene.
3. When you are done editing the scene tap on 'Done'.
4. If you would like to create more scenes tap on the 'Edit' on top right corner and then tap on the '+' sign.

In the 'Scenes' tab it is also possible to create animations. Animations or dynamic scenes are special scene type that fade from scene to scene. They can be used like ordinary scenes. Animations can also repeat.

1. Tap on the 'Edit' on top right corner and then tap on the '+' sign.
2. Tap on the 'Add an animation' option
3. Add animation steps. You can add scenes and wait times to animation. Example:
 - Add Scene Red, fade time 10 sec
 - Add wait 1 min
 - Add Scene Blue, fade time 10 sec

This animation setting will fade in to scene Red in 10 seconds and Red will be active for 1 minute. Then the scene Red will fade into scene Blue in 10 seconds.

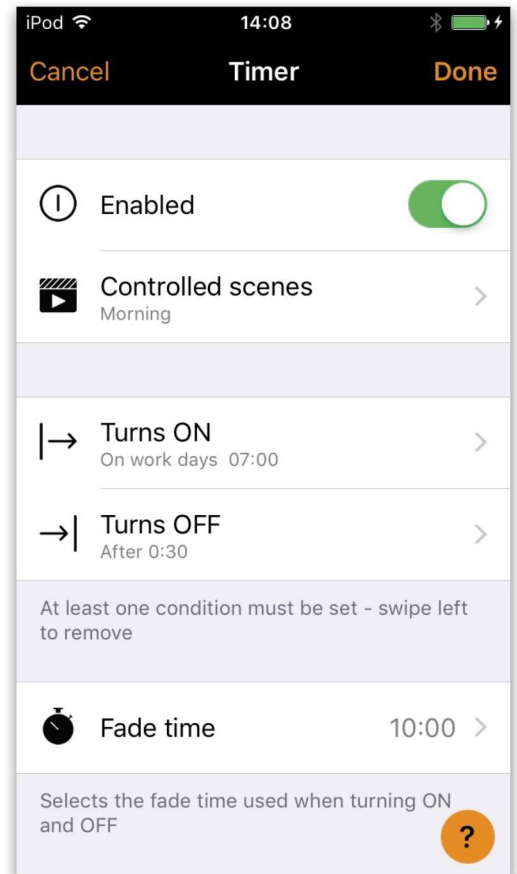
4. In General settings you can set the animation to repeat.
5. When you are done editing the animation tap on 'Done'.



Timer

With schedule/timer function you can create a list of timers that will turn scenes or animations on and off based on time.

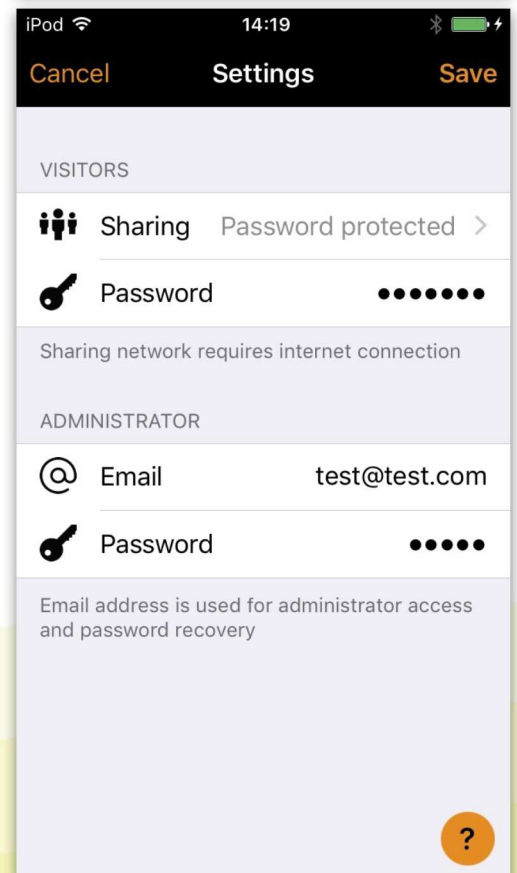
1. Go to More tab and select Schedule. Create a new timer by tapping the 'Add a timer'
2. Tap on the 'Controlled scenes' and select a scene or animation that this timer will control
3. Tap on the 'Turns ON' button to set the time when the scene should turn on and tap on the 'Turns OFF' button to set the time when the scene should turn off.
4. It is also possible to set a fade time for the timer so that the scene will come on smoothly.
5. When you are done editing the timer tap on 'Done'.



Networks and Sharing

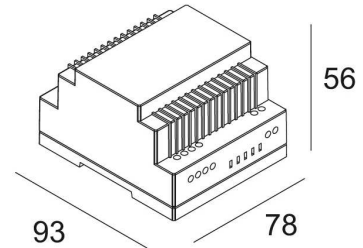
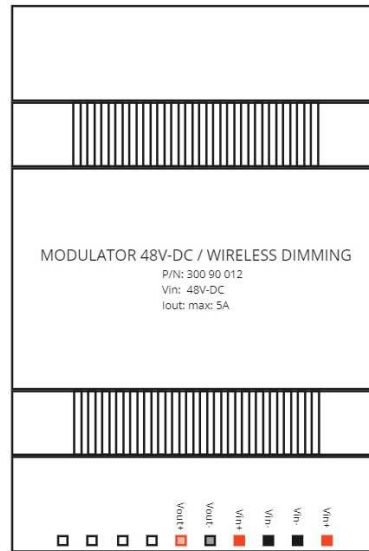
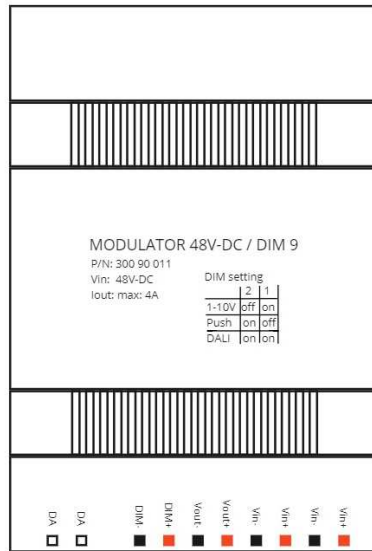
If you want to control your luminaires from more than one mobile device you need to change the network sharing settings. As a default the created network is not shared and only stored in the device that created it.

1. Go to 'More' tab and select 'Network setup' and 'Sharing settings'.
2. Tap on the Sharing and the 'Sharing mode' screen will open.
3. There are four different sharing modes: Not Shared, Administrator only, Password protected and Open. When you select Administrator only, Password protected or Open mode the network will be uploaded to cloud server and then it can be accessed also from other mobile devices.
4. Add also email address and password for the network.
5. Confirm your settings with 'Save'.

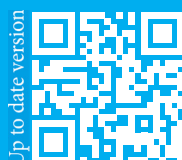
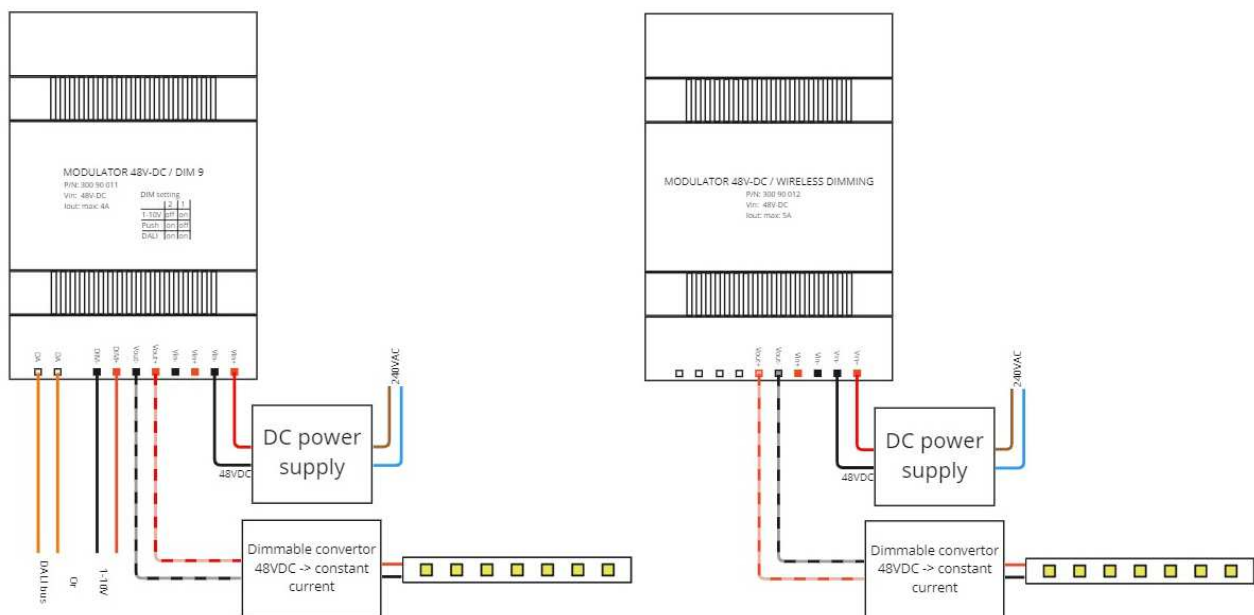


LEDsGO®

2 Types of modulators



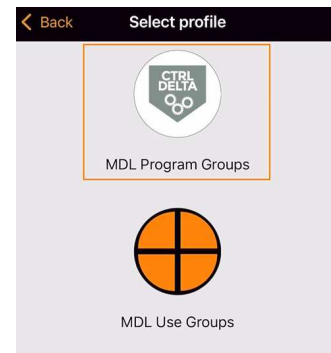
Wiring the modulator



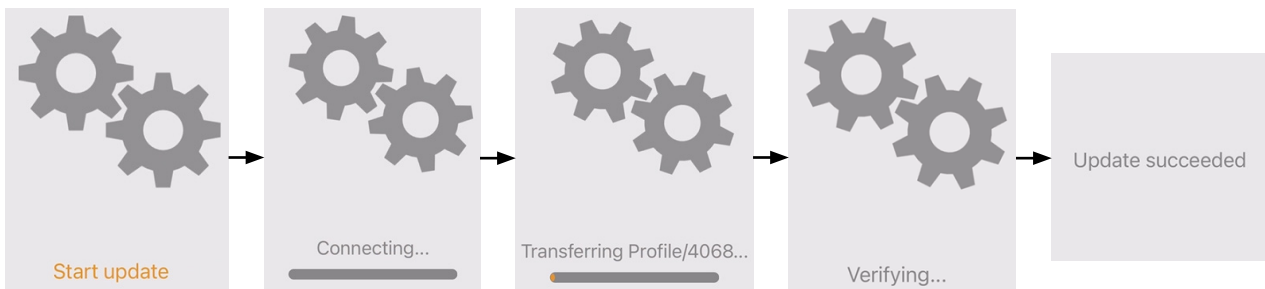
Configure the Wireless Modulator

Open the casambi app and change the profile of the modulator to “MDL Program Groups”.

To do this, go to “More” -> “Nearby devices”. Press the module name in the list and choose “Change Profile”.



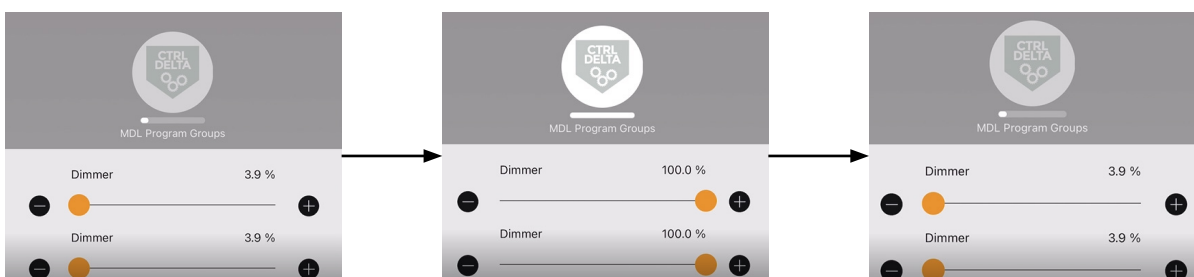
Select the profile and start the update, wait until the update is ready. Press “back” in the upper left corner.



Add the module to your network. You can do this by clicking the module and press “Add to MyNetwork”. Press “Back” and go to the luminaires tab.

Connect your first group to the output of the modulator.

Slide the first slider to 100%, your group will blink a few times. Wait until the slider goes back to his begin position.



Leave your first group in the track and connect your 2nd group to the output of the modulator.

Slide the 2nd slider to 100%, your group will blink a few times. Wait until the slider goes back to his begin position.

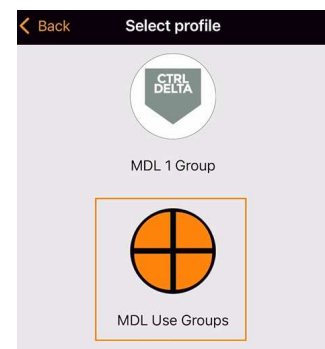
Repeat these steps to add more groups. You can add up to 4 groups (4 sliders available).

When you have connected all the groups, it is important to not change the sliders.

To use your groups now, follow the next steps.

Unpair the module from the network. Change the profile of the modulator to “MDL Use Groups”. Go back to the luminaire tab.

You can now control all your groups separately.



Remove groups

To remove the groups from the sliders, you need to change the profile of the modulator again. Choose 'MDL Program Groups'. If you add the module to your network again and you swipe slider 1 and 4 to 100%, then your groups will all be removed from the sliders.

If you want one group to change, you can just overwrite the slider.

Caution!

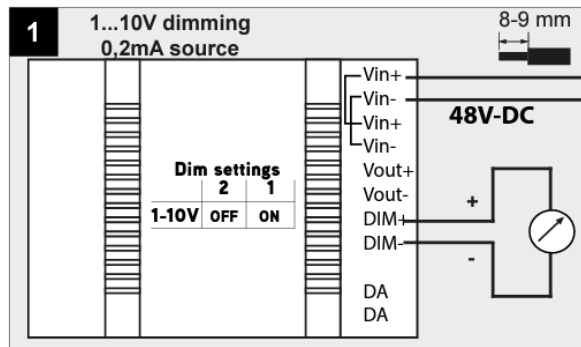
To program a group, your lights need to be ON. If they are OFF, remove the power and connect it again.



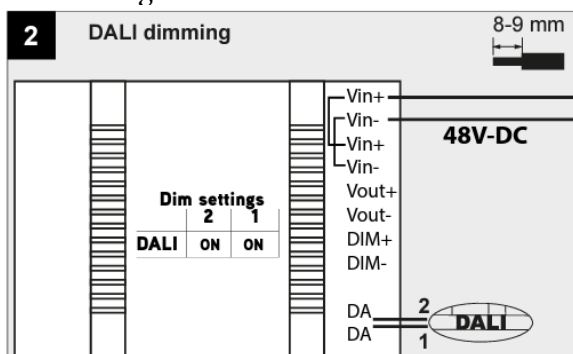
Configure the DIM9 Modulator

Connect an input signal. (DALI, 0-10V or push dim)
Set the switches correctly:

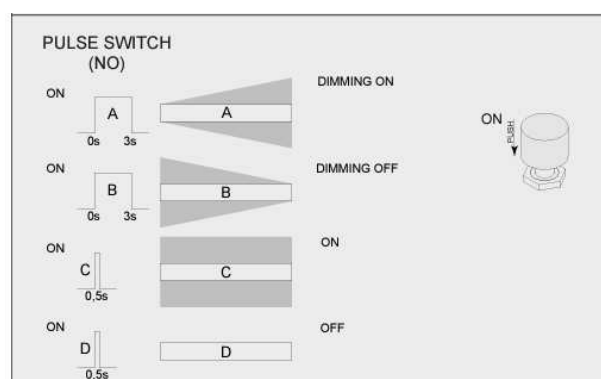
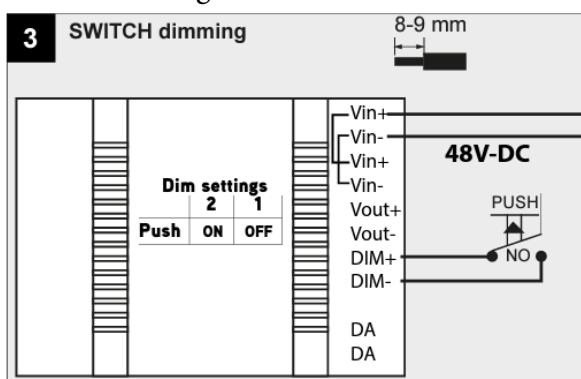
0-10V configuration



DALI configuration



Push dim configuration



Connect the modulator to the power.

You can use your modulator now!

