

Quick Configuration Guide

Quick guide how to configure CBU-ASD to support DALI with Casambi app

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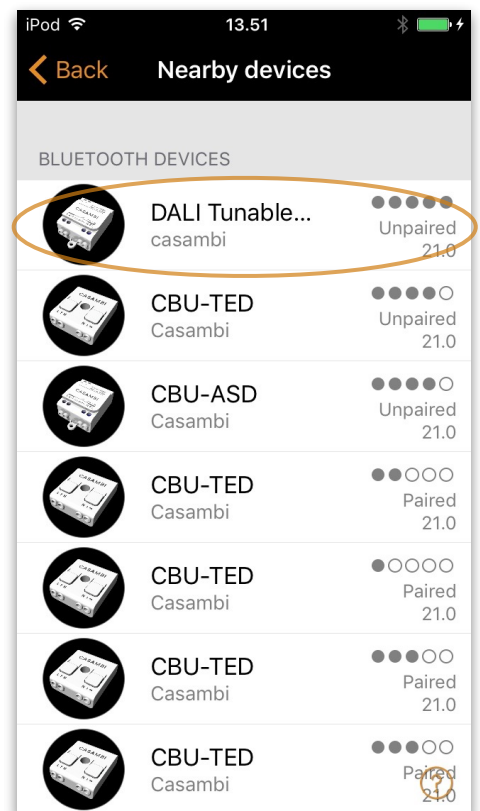
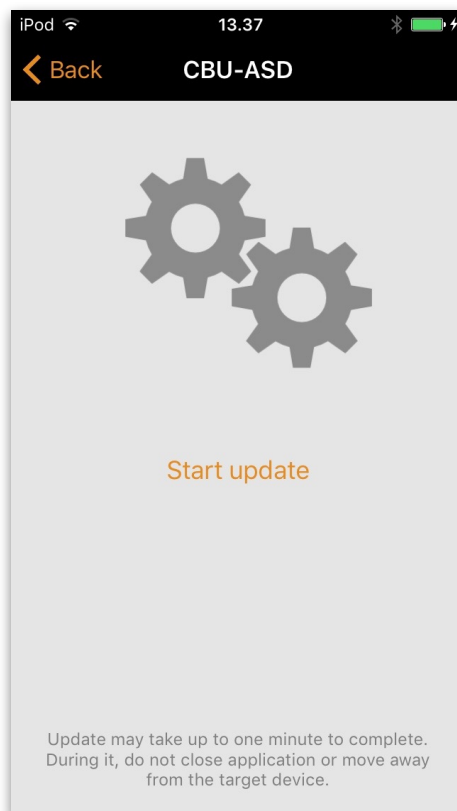
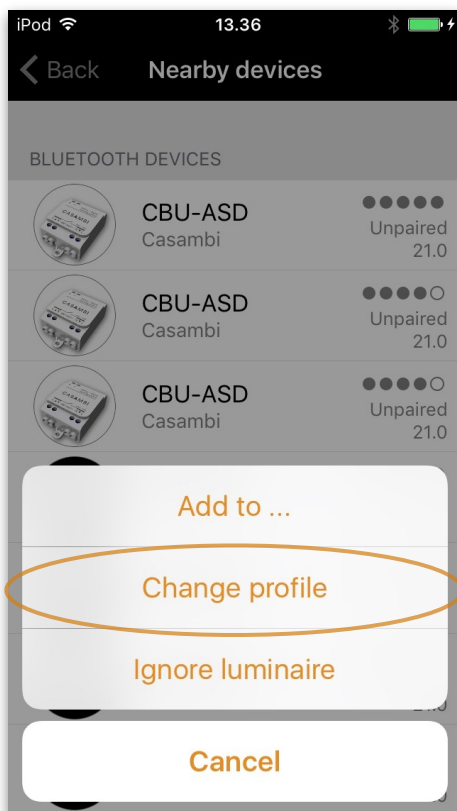
General information

Casambi CBU-ASD units are shipped with the standard 0-10V analog configuration. The units also support 1 to 4 channel standalone DALI digital output configuration. This means that CBU-ASD cannot be connected to existing DALI networks but it can control a single DALI driver.

Configuring CBU-ASD unit

You can reconfigure standard CBU-ASD, that has one of Casambi shared fixture IDs, with Casambi app.

- Open the app and go to Nearby Devices screen.
- Make sure that the unit is in unpaired state. The configuration cannot be changed if the unit is part of a network.
- Tap on the unit that you want to reconfigure and select "Change Profile".
- In the Select Profile screen you can select the new profile. Please see the list of available profiles below.
- Once you have selected the profile the Update screen will open.
- Tap on the **Start Update** and make sure you don't close the app during the configuration.
- When the update is done then you will see Update Succeeded text.
- Tap on back to get back to Nearby Devices screen.



List of available configurations

- **Configurations that require short address configuration to the DALI driver:**
 - DALI Tunable White for 2 channel tunable white
 - DALI RGB for 3 channel RGB
 - DALI RGB White for 4 channel RGBW
 - DALI 4xDIM for 4 separate dim channels

- **Configurations that don't require short address configuration to the DALI driver:**
 - DALI Broadcast 1 channel DALI
 - DALI RGB [auto] for 3 channel RGB with automatic short address configuration
 - DALI RGB White [auto] for 4 channel RGBW with automatic short address configuration
 - DALI Tunable White [auto] for 2 channel tunable white with automatic short address configuration

- **Configurations for DALI type 8 drivers:**
 - DALI DT8 TW 2700-6500K for tunable white with Kelvin values 2700 to 6500
 - DALI DT8 RGB for RGB
 - DALI DT8 RGBW for RGBW
 - DALI DT8 TW 3000-5000K for tunable white with Kelvin values 3000 to 5000

Configuring the DALI driver

If you have selected one of the DALI modes that require short address configuration you need to configure the short addresses to the DALI driver.

Configuration is usually done with a DALI USB tool. The tools are little different depending on the manufacturer but usually the DALI configuration tool will assign short addresses automatically to DALI driver and if they don't match with the ones that CBU-ASD uses the wiring needs to be changed accordingly.

Short address settings:

For 2 channel DALI tunable white configuration:

Warm white: address 0

Cool white: address 1

For 3 channel DALI RGB configuration:

Red: address 0

Green: address 1

Blue: address 2

For 4 channel DALI RGBW configuration:

Red: address 0

Green: address 1

Blue: address 2

White: address 3

If you would like to create your own fixture types with relevant icons and names for branding and product awareness you need an account to our configuration tool. Please contact support@casambi.com for more information.