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Casambi installation

Casambi to DMX Controller

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Introduction:

The Casambi to DMX Controller is a Bluetooth enabled device that allows any DMX driver or fixture to operate with Casambi. This controller can manage up to eight DMX channels, making it an excellent choice for RGBW and tunable white (TW) applications. The controller can be configured for various output types, including 4-channel RGBW (color picker), 4 individual channels, and 8 individual channels. It can be managed using the Casambi app, which is available for free download from the Apple App Store and Google Play Store.

Setting up addressing on site:

Please be advised that the following steps necessitate the expertise of a qualified technician. Additionally, undertaking any tasks related to a light generator should only be handled by a trained electrician.

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First time Casambi App use:

Download the Casambi app from Apple App Store or Google Play Store.

Switch on your Casambi-enabled devices and open the Casambi app.

Create a network: to create a new network, select Create new network. You are then prompted to create an Evolution network. If you need to create a Classic network, select More information and scroll to the bottom to find the option for creating a Classic network.

The network Radio settings Mode options:

Better performance (2 Mbit/s): Optimised for larger indoor networks with increased data traffic. Reduced communication range compared to Balanced network mode. This is the default Mode for a Classic or Evolution network.

Balanced (1 Mbit/s): Optimised for small to mid-size indoor networks (recommended 125 nodes max.) with moderate data traffic.

Long Range (0.5 Mbit/s) BETA: Optimised for small to mid-size outdoor networks (recommended 60 nodes max.) with low data traffic. Increased communication range compared to Balanced network mode. Compatible devices only. This mode is suitable ONLY for Casambi devices using our latest CBM-003 that has Bluetooth 5.0 Long Range capabilities.

Long range modes are only available for Evolution networks. The options will not be displayed if creating a Classic network.

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Devices suitable for use in Long range networks can be identified in the Nearby devices view. The signal strength indication for Long range compatible devices is indicated by 6 square icons rather than 5 round ones.

The app will search for all powered Casambi-enabled devices within Bluetooth range of your mobile device. These will be displayed in a list with the options Add all luminaires to or Add individually to...

- Add all luminaires will prompt you to create a new network (or add to an existing one). Only Casambi devices with the same firmware type as the network can be added. Once the network is created all devices will automatically be added (paired) to it.

- Add individually to... will prompt you to create a new network (or add to an existing one). Once a network is created, each luminaire will identify (flash) one by one and can be added to the network. (See Add devices section from the Casambi guide for more information). During this process you can also decide to rename and group luminaires if desired.

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To change a device's profile:

Unpair the device from your network

In the More > Nearby Devices list select the unpaired device, choose the > Change profile option and select the > casDMX – 8 Dim profile from the displayed list.

The Casambi to DMX Controller can be set up with various output configurations (profiles), including 4-channel RGBW (color picker), 4 individual channels, and 8 individual channels.

Note! For comprehensive details, kindly refer to the provided link for the [Casambi App User Guide](#).

Download Casambi App:

https://casambi.com/

Tutorial:

Casambi App User Guide:
https://support.casambi.com/support/solutions/articles/12000021610-casambi-app-user-guide-english-pdf

Casambi tutorial videos:
https://casambi.com/tutorial-videos/

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