



STEP 1

Quick Start Guide

CGW-KNX-01-B
CGW-KNX-02-B

Warnings

Only qualified and certified electricians are permitted to perform any electrical installation, wiring, modification, or connection work associated with this product/system.

Notes

Casambi KNX DALI (Dual) Hybrid Gateway does not offer **DALI DT1** (Emergency) support.

Prior knowledge and experience with KNX and DALI systems are required to perform system setup and configuration.

KNX Data Secure installation is not covered in this Quick Start Guide.

For further guidance and resources, refer to www.casambi.com.



CPRUG-CGW-KNXv1.0

Physically install all system-related equipment and carry out the wiring in full compliance with the architectural lighting and electrical design documentation, including the proper integration of Casambi-enabled luminaires.

Important!

Do not connect any external DALI bus power supplies to the DALI bus(es) of the Casambi KNX DALI (Dual) Hybrid Gateway.

Before connecting a D4i LED driver to the Casambi KNX DALI (Dual) Hybrid Gateway, ensure that the driver's internal DALI bus power supply is disabled.

The DALI Gateway Controller unit, like any other Casambi product, should not be placed in a metal enclosure or placed next to large metal structures. Metal effectively blocks radio signals which are crucial to the operation of the product.

STEP 2

Sign in to your Apple or Google account, then download and install the Casambi App from the respective App Store or Google Play Store appropriate for your device.



STEP 3

Create the Casambi wireless network and add Casambi-enabled luminaires to it.

Refer to Casambi App User Guide for details.



STEP 4

Add the DALI Gateway Controller(s) to the Casambi wireless network. Depending on the product version purchased, your system may include either one or two DALI Gateway Controllers.

The Casambi App provides default settings for the DALI Gateway Controller(s); however, you may configure them according to your specific requirements.



STEP 5

Create a user account on my.knx.org to purchase the required Engineering Tool Software (ETS) licence. Once the licence has been obtained, download and install the ETS application corresponding to the selected version.



STEP 6

Download the Casambi Device Configuration App (DCA) for the KNX DALI (Dual) Hybrid Gateway from Casambi website at www.casambi.com.



STEP 7

Open the ETS application and install the Casambi DCA application, downloaded from the Casambi website.

ETS → Settings → ETS Apps → + Install App From File

The Casambi KNX DALI (Dual) Hybrid Gateway DCA App will appear in the list of installed ETS applications.

Download and install other equipment vendors' DCA applications according to your KNX installation requirements.

At this stage, you may wish to download and install the Casambi KNX Service App from myKNX website. This app is intended for performing future device firmware updates.

STEP 8

With the ETS application open, go to the 'Settings', select your market and select 'Casambi Technologies Oy' as the vendor in the 'Online Catalog' section. Press 'Update now' if necessary.

Select any other additional equipment vendors required for your KNX installation.

ETS → Settings → Online Catalog

STEP 12

Perform **DALI commissioning** for the Casambi KNX DALI (Dual) Hybrid Gateway using the DCA configuration page.

Once DALI commissioning is complete, perform ETS programming of the Casambi KNX DALI (Dual) Hybrid Gateway using the KNX download function.

Test the Casambi-DALI-KNX configuration to ensure that commissioning has been completed correctly.

If necessary, perform additional ETS programming of the Casambi KNX DALI (Dual) Hybrid Gateway using the KNX download function in ETS.

ETS → Download → Download Application

STEP 9

With ETS application open, create a new KNX project and pre-configure the project structure (Buildings, Floors, Rooms, Corridors etc.), the transmission media (TP, PL, RF) and the topology (Backbones, Areas, Lines, Segments). Then add the Casambi KNX DALI Hybrid Gateway or the Casambi KNX DALI Dual Hybrid Gateway devices from the Catalog page.

Add the remaining KNX equipment for your project from the Catalog window within your KNX project.

ETS → Panels → All Panels → Catalog

Assign KNX addresses to all the devices.

Note!

You may need to press the physical "Program" button on the devices, including the Casambi KNX DALI (Dual) Hybrid Gateway, to enable KNX programming for the initial system download. This initial programming includes KNX address assignment. This can also be done using the device serial number (available from ETS version 6 onward).

STEP 13

Finalize the KNX installation by ensuring that the configuration of all KNX devices in the project is fully completed. Assign the required Group Addresses to each communication object to enable proper interaction and control within the KNX system. After all parameters and Group Addresses have been configured and verified, perform the final KNX programming using the ETS download function to apply all settings to the devices.

ETS → Download → Download Application

STEP 10

Perform KNX system programming (Download) after all devices have been pre-configured and ETS programming has been completed according to your KNX system requirements.

ETS → Download → Download All

Casambi product page

The Casambi KNX DALI (Dual) Hybrid Gateway enables seamless integration between KNX building control systems and Casambi wireless lighting networks. It allows KNX components – such as switches, sensors, touch panels and scene controllers – to directly control Casambi-enabled luminaires via Casambi DALI Gateway Controller(s).

Package contents

CGW-KNX-01-B

The product consists of the Casambi KNX DALI Hybrid Gateway with a single DALI bus, supplied together with one DALI Gateway Controller.

CGW-KNX-02-B

The product includes the Casambi KNX DALI Dual Hybrid Gateway with two DALI buses, supplied together with two DALI Gateway Controllers.

Both products are **KNX Data Secure** compliant, refer to the documentation on Casambi website at **www.casambi.com**.

STEP 11

Pre-configure the Casambi KNX DALI (Dual) Hybrid Gateway with respect to the DALI bus(es), ballasts (LED drivers), and other parameters using the device-specific 'Parameters' page in the ETS application.

Then perform ETS programming of the above configuration for the Casambi KNX DALI (Dual) Hybrid Gateway using the ETS download function.

ETS → Select 'Casambi KNX DALI (Dual) Hybrid Gateway'

ETS → Download → Download Application

CASAMBI



General Information

This Quick Start Guide provides essential information to help you get started with the product and to support basic operation. It is intended for professional installers and end users who are familiar with lighting control systems. Before using the product, please read this guide carefully and ensure that all installation and usage instructions are understood and followed. Incorrect installation or improper use may result in unexpected behavior or reduced performance. The product is designed to be used in accordance with applicable local laws, regulations, and standards. Installation and commissioning shall be carried out by qualified personnel where required. The information contained in this guide is accurate at the time of publication. For the latest information, software updates, and detailed documentation, refer to official Casambi resources.

Disclaimer

The information in this manual is provided for informational purposes only and may be subject to change. Casambi Technologies Oy reserves the right to amend, update, or modify the products, specifications, and documentation described herein at any time without prior notice.

