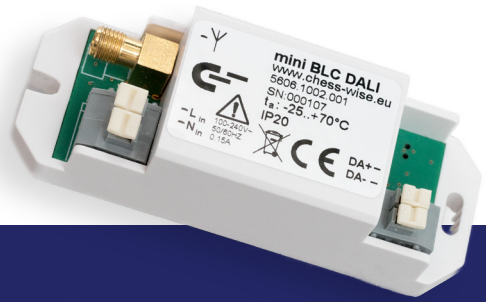


# mymesh

by Chess

## Installation instruction



## Mini BLC-DALI

### Mymesh Building Light Control

The Mymesh mini BLC-DALI is a product in the Mymesh Building Light Control product suite for wireless lighting control. The mini BLC-DALI is a wireless light controller for DALI drivers.

### Safety ⚠

- Installation should be performed only by a qualified electrician.
- Disconnect power at the source before installation, inspection or removal.
- Do not use the mini BLC-DALI if it is damaged.
- The electrical installation must be in conformance with the national legislation and relevant standards.
- The mains connection of the mini BLC-DALI must be provided with a fuse or circuit breaker.
- The mini BLC-DALI has protection class IP20 and is suitable for use at indoor locations.
- Mount the mini BLC-DALI in an IP66 housing for use at outdoor locations.
- The mini BLC-DALI is double insulated (protection class II).
- The optional strain relief mini BLC can be used to fixate and protect wiring to the mini BLC DALI.

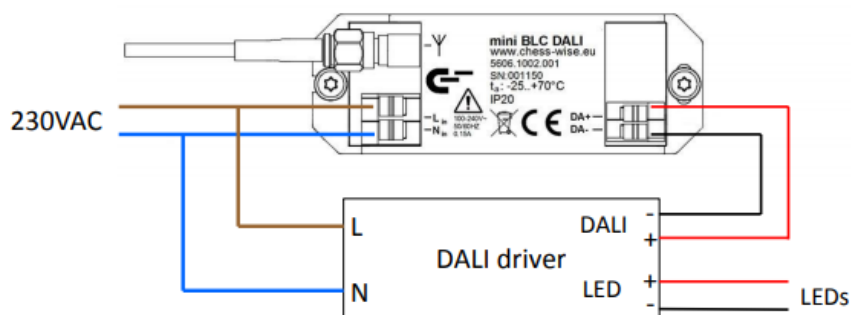
### Application

- Refer to the mini BLC-DALI product sheet (see [chess-wise.eu/downloads](http://chess-wise.eu/downloads)) for the product specifications and the environmental conditions.

### Installation

1. Mount the mini BLC-DALI with 2x M3 screw/bolt (76 mm distance).
2. Use maximal 1.5 mm<sup>2</sup> wiring for all connections. Push the wires completely into the terminal block. Use wire end sleeves when using flexible wires.
3. Solely use a plastic, polycarbonate or fiberglass housing without carbon additives should be used for installation of a mini BLC-DALI, or bring the white end part of the antenna outside the housing.
4. Install the antenna to the antenna connector. Do not mount the white end part of the antenna close to metal surfaces to obtain optimal radio performance.
5. Do not connect more than one DALI driver to a mini BLC-DALI. See wiring diagram below.

## BLC200 + DALI driver



Connect the power input of a DALI driver directly to the 230V mains.

## Configuration

- When the mini BLC-DALI is powered, the connected lamp should go on. Use the iPad Mymesh commission app for configuration of the mini BLC-DALI.

## Usage

The mini BLC-DALI will control the connected driver and lamp.

## Compliance

This product complies with the European directives and relevant standards for low voltage, EMC, RED, WEEE and RoHS. The mini BLC-DALI contains a radio. The applied radio frequency is within the ISM band 2403 – 2483.5 MHz (default 2403 MHz) and the maximum transmit power is +4 dBm. Hereby, Chess Wise declares that the radio equipment type mini BLC-DALI is in compliance with directive 2014/53/EU. The full text of the EU declaration of conformity is available at [chesswise.eu/downloads](http://chesswise.eu/downloads).

## Repair

Do not open this product. In case of failure the BLC-DALI must be replaced.

## Recycling

Do not dispose this product as household waste, but bring it to an appropriate collection point for recycling.