

CONTR TR CAS>DA0 #bDW Module

Wireless module

Art. no. 28002212

Radio module for basicDIM Wireless

Application

BasicDIM Wireless is a wireless control unit for dimmable LED drivers. The device is preconfigured and installed in luminaires of the Zumtobel Group with the name suffix "BC".

It can also be used as a single "repeater" component in the system.

The BasicDIM Wireless module can be installed behind the push button, e.g. in flush-mounted boxes, in order to integrate commercially available push-buttons into the radio system as operating devices.

Presence sensors with switched phase can also be integrated into the radio system.

Design notes

- BasicDIM Wireless does not comply with IEC 60929 and should therefore not be connected to an existing DALI network
- To ensure good radio connection, the basicDIM Wireless must not be completely covered with metal
- For further technical information see www.tridonic.com
- Firmware updates can be carried out wirelessly using any Android or IOS device



Functional description

BasicDIM Wireless is controlled wirelessly via a smartphone or tablet with the 4remote app.

Several devices automatically form a mesh network that can be controlled from any point. The network communicates wirelessly and directly with the smartphone or tablet.

An external gateway or wireless LAN network is not required.

BasicDIM Wireless has an integrated 2.4 GHz antenna.

The unit can also be operated via a normal on/off wall switch. By switching the switch on and off, the user can

select between various preset operating modes. These modes can affect one or more devices in the network. In

this way the user does not have to constantly have a smartphone or tablet on hand to select the desired settings or operating modes.

Technical data

Nominal voltage	220–240 V AC, 50/60 Hz
Frequency	Radio receiver: 2.4 - 2.483 GHz
Miscellaneous	Bus voltage DC DALI output; 12 V
Output power	Radio receiver: max. +4 dBm
Miscellaneous	Short-circuit current DALI output: 7 mA Max. DALI wiring length: 1 m with 1 mm ² line cross-section tc point: 70 °C
Operating temperature	-20–+50 °C
Storage temperature ts	-25–+75 °C
Dimensions	57 x 36 x 22 (W x H x D, in mm)
Protection type	IP20