



The intelligent and economical single room solution from B.E.G.

DALI LINK single room solution

The entry-level set for small offices consists of a DALI LINK power supply, a PD11 DALI LINK multisensor and a DALI LINK 4-way pushbutton interface with built-in Bluetooth gateway. The super-flat PD11 is the first choice for the most demanding architectural considerations, with a large detection range for its class.

Unlike other systems, the DALI LINK PD11 is not only a multisensor but also a master occupancy detector with its own intelligence as a controller. Therefore B.E.G. DALI LINK is highly fail-safe, expandable and economical. All components are also available individually, so that larger rooms such as conference rooms and classrooms can be covered.

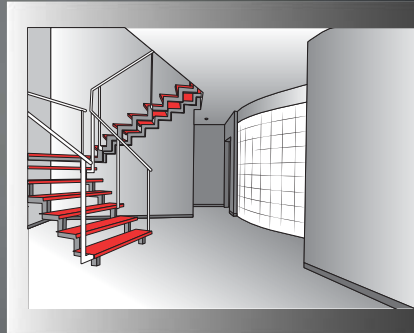
The free DALI LINK app for iOS and Android has a simple and intuitive design, both for the end user and for commissioning. Addressing of DALI lights, adjustments to factory settings or programming of scenes takes place intuitively in just a few steps.

The 4 pushbutton module inputs can be individually programmed, either to access scenes (up to 16) or to control lighting groups. As there is rarely room for 16 pushbuttons, the B.E.G. DALI LINK app has a special function to access scenes by mobile phone.

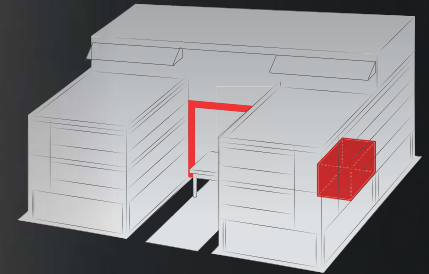




The "Guided Light" function, already well-known from B.E.G. DALISYS, and unique in this form, can be used in hallways and stairways in particular to raise the brightness level in any section and the areas adjacent to it. Guided Light provides a pool of light to accompany users through the building – optimum energy efficiency and maximum convenience.



The B.E.G. DALI LINK PD11 multisensor as a master occupancy detector offers offset constant light regulation for up to 2 lighting zones. As well as occupancy, daylight is also taken into account in regulating light levels, to produce uniform illumination while also saving energy.



DALI LINK single room solution

All DALI lighting groups, pushbutton interface(s) and all detectors (including slaves) only require a single DALI circuit. This makes retrofitting in particular much easier.

The existing 2-wire wiring for pushbuttons or light switches can be used for the DALI bus for connecting the B.E.G. DALI LINK pushbutton module.



Conversion with existing wiring



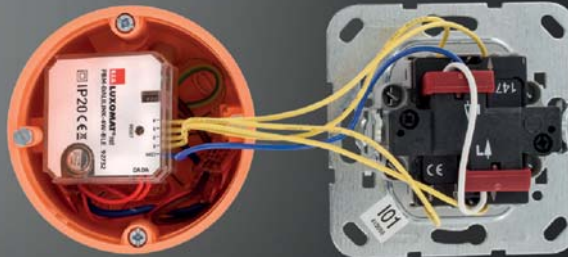
1. Start point: light switch



2. Use of previous L and N for DALI bus.



3. Built-in pushbutton interface

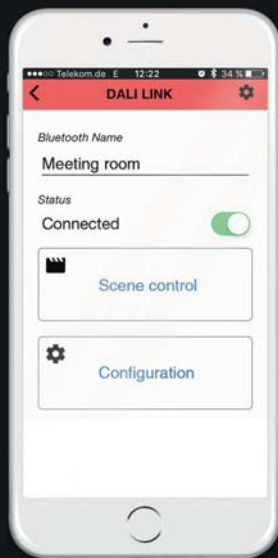


3. Connection of 4-way pushbutton.



4. Now, instead of a switch, there is a pushbutton switch with four pushbuttons available.

Bluetooth app

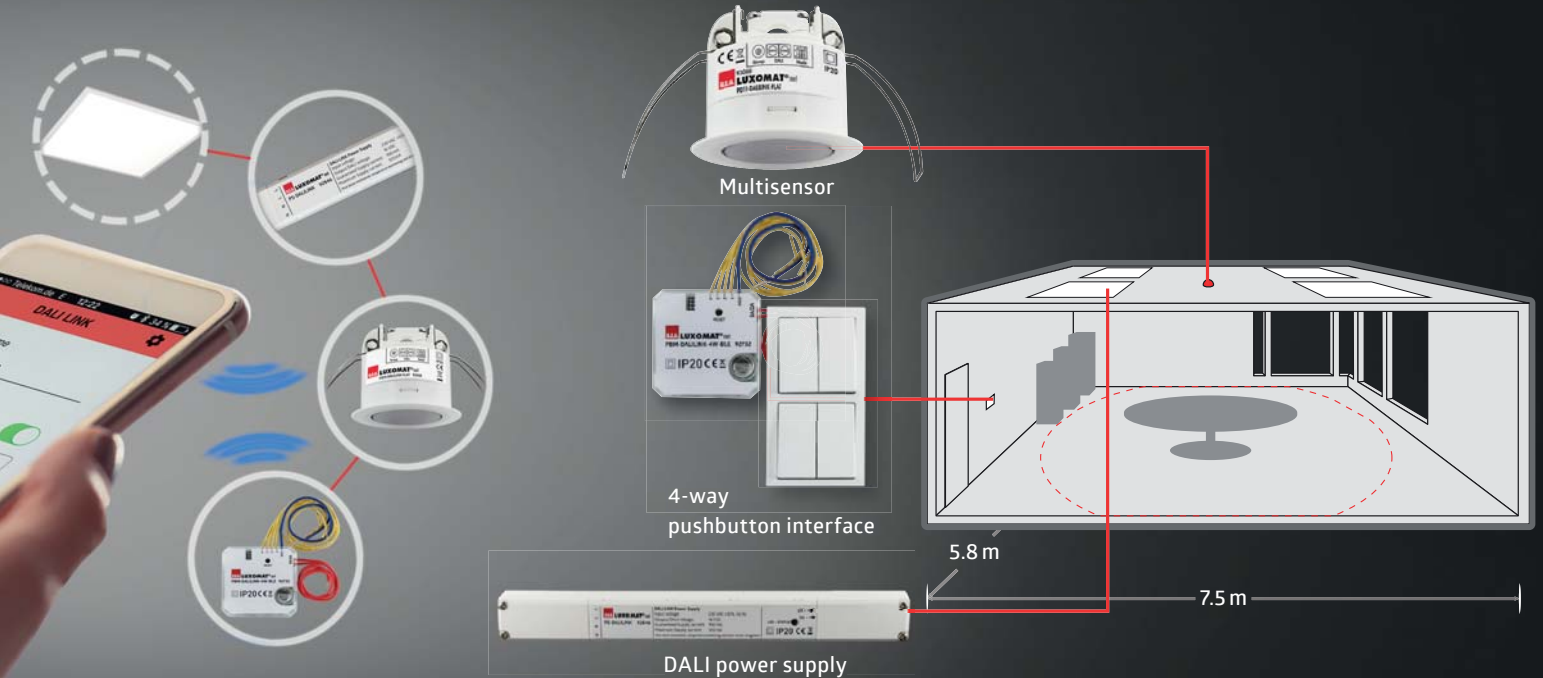


Set up settings and scenes

- The B.E.G. Bluetooth app contains a protected area with which the installer can set up the DALI LINK component parameters.
- All devices and their options can automatically be polled and displayed in the app.
- Standard scenes can be used, or custom scenes applied.
- The lighting can be switched and dimmed as required and scenes can be activated.



Sample single room solution



Advantages of DALI single room installation



Controllable from any smartphone

Using the DALI LINK Bluetooth app, a user with a smartphone can control room lighting and scene selection individually.



Guided Light

Additional DALI multisensors can be installed not only as slave units, but also for "Guided Light". Adjacent areas are then maintained at comfortable orientation light levels.



Simple lighting regulation

The definition of two lighting groups (DUO function) with offset function using continuous DALI wiring can be carried out quickly and directly for each multisensor via the programming.



Demanding design requirements

The super-flat PD11 means there is now a design-oriented DALI room solution.





Expandable

A maximum of 25 DALI lights and 6 control devices (multimasters or pushbutton interfaces) can be connected to the power supply. The number of usable devices can be doubled by using another DALI LINK power supply.



4 pushbutton inputs

All pushbutton inputs can be freely configured to control lighting groups or access scenes.



Orientation light

The “orientation light” function can be activated, and operates after the follow-up time previously configured. It limits the maximum dimming level of connected lights to an adjustable value. This means that safety-relevant areas are never completely dark, but energy is still saved compared to full illumination.



Lighting scenes

Up to 16 lighting scenes can be programmed. The scenes can be accessed by a pushbutton or via the DALI LINK Bluetooth app.

DALI LINK components



DALI LINK Bluetooth pushbutton interface

- Setup via B.E.G. BLE app
- Voltage: 16 VDC DALI bus
- Cable length: max. 50 cm
- Time setting: 1 min - 150 min, only in stairway mode
- Can be combined with all 4-way switch surfaces from major manufacturers



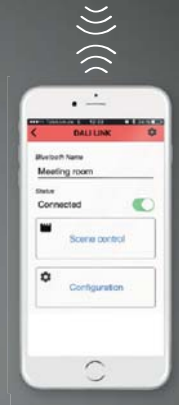
DALI LINK multisensor PD11

- Setup via B.E.G. BLE app
- Detection area: vertical, 360°
- Voltage: 16 VDC DALI bus
- Range: max. Ø 9 m tangential, max. Ø 6 m frontal, max. Ø 3 m small movements/ seated activities



As well as the PD11, there are other multisensors available for DALI LINK, with various mounting options.

DALI LINK components



DALI LINK Bluetooth app

- The B.E.G. Bluetooth app is available free of charge in the relevant app stores.
- Programming can be carried out direct from your smartphone, with no additional devices
- Smartphone not included



DALI LINK Power supply

- Voltage: 230 V AC
- Dimensions: 165 x 24 x 24 mm
- Short circuit detection and overheat protection

Elegant and
unobtrusive
“



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