

P44-LC-DE

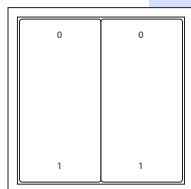
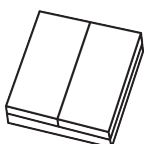
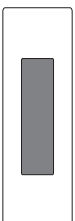
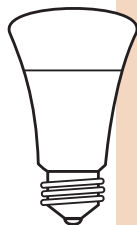
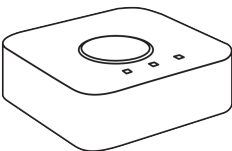
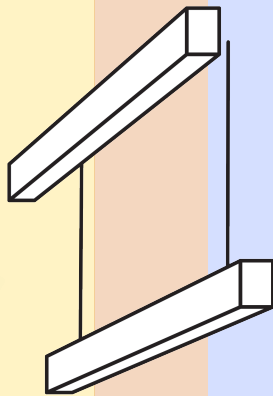
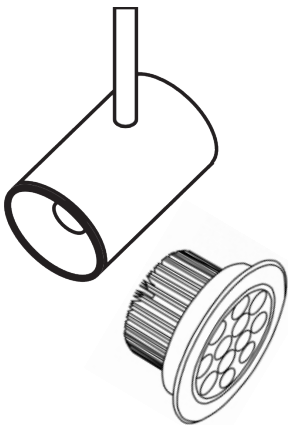
P44-LC-DE: A simple, flexible and complete solution for modern lighting

A variety of **DALI** luminaires, maintenance-free **EnOcean** wireless buttons, optional **hue** accents. With **matter** integration (beta) for app and voice control.

Simple: Combines complementary technologies in one device with great convenience.

Versatile: Integrates lights, push-buttons, sensors and actuators from various manufacturers

Future-proof: Integration into **matter** smart homes (beta) at the touch of a button. Upgradable to **Digital Strom** P44-DSB-DEH2.



A single device gives access to:

DALI

Up to 64 individually dimmable luminaires on a simple two-wire bus - single-colour, colour temperature and full-colour luminaires, both DT8 as well as composed of several individual dimmers.

hue

Atmospheric coloured, cold/warm white and monochrome LED lights in various shapes, wirelessly controlled.

EnOcean

Freely positionable wall switches without battery and wiring (maintenance-free), hand-held transmitters, radio-controlled relays and dimmers, sensors for advanced automation.

Mode of operation

- DALI devices are connected to the 2-wire DALI bus
- Wireless push-buttons are connected to the P44-LC-DE at the touch of a button.
- **Without further configuration**, connected push-buttons control the connected luminaires (on/off/dimming).
- For further configuration+ functions, the P44-LC-DE controller is connected to the building network (LAN) via Ethernet.
- The **user interface of the P44-LC-DE** can be opened **in the browser** from any computer, tablet or mobile phone to configure the system and download updates.
- The user interface can then be used to **create separately operable zones for different rooms** or areas in the same room and the desired operation can be customised.
- With the **built-in matter bridge (beta)**, the P44-LC-DE can be integrated into any matter-compatible SmartHome system and controlled via **app or voice**, for example.
- The P44-LC-DE has extended comfort functions such as timers and actions triggered by sensor values.
- **Scripting capabilities with an in-built development environment** enable a variety of customised applications such as special lighting effects and other automation sequences.

Features

- DALI Bus Master with DALI power supply for the control of up to 64 DALI luminaires (LED, fluorescent lamps). DT8 and DT6 dimmers are supported, dimmer groups and RGB/RGBW luminaires consisting of several individual dimmers can be configured.
- EnOcean radio module with antenna for connection with EnOcean radio buttons, sensors, contacts (supported EEP see [Website](#))
- Connects to Philips hue Bridge via Ethernet to control Philips/Signify hue LED lamps.
- Integrated Ethernet connection (100baseTX)
- Power supply via supplied 5V power supply unit or passive PoE (PPoE, 12-24V, with separate PPoE kit)
- **Can be expanded to a P44-DSB-DEH2 Digital Strom-Bridge if required** (via software upgrade).

Connections

- RJ45 socket for Ethernet connection 100baseTX (and optional PPoE)
- SMA screw connection for EnOcean antenna
- DALI bus connection via plug-in screw terminal
- USB micro connection for 5V power supply

Included in delivery

- P44-LC-DE device in flange housing
- EnOcean rod antenna SMA
- Plug-in screw terminal for DALI connection
- Ethernet patch cable
- USB-Micro Euro plug-in power supply 230V AC

Available from

- Germany/Austria/EU: **online from** [LEDclusive.de](https://www.ledclusive.de)
- Switzerland: **online from** [plan44.ch/shop](https://www.plan44.ch/shop)

Further information

- [plan44.ch/automation](https://www.plan44.ch/automation)

