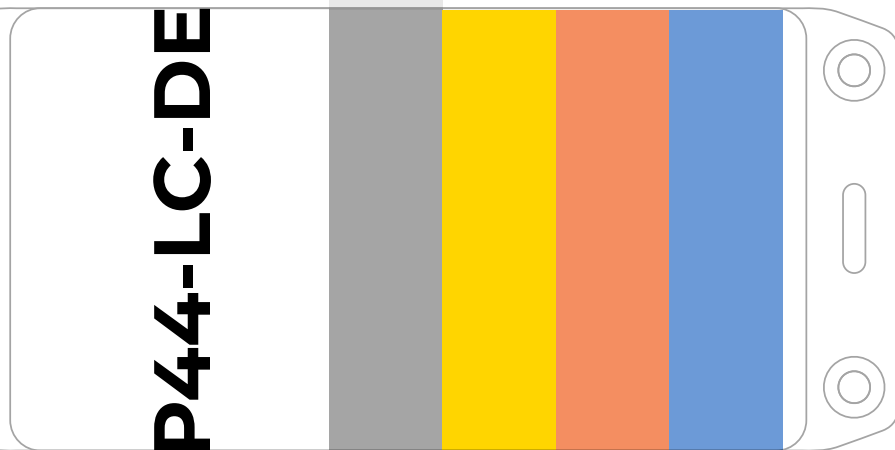


Use components from **DALI**, **EnOcean**, **hue** for efficient setup of comfortable lighting for residential and office spaces with a lot of additional comfort and flexibility compared to conventional solutions



Simple: Combines three well complementary technologies in one device with a lot of comfort.

Versatile: Integrates luminaires, pushbuttons, sensors, actuators from different manufacturers.

Future-proof: Supports new functions via firmware upgrades at the push of a button. Upgrade to digitalSTROM possible.

A single device integrates:

DALI

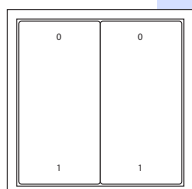
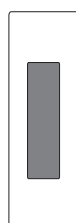
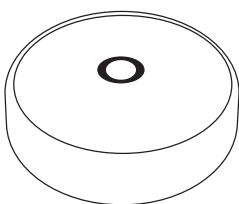
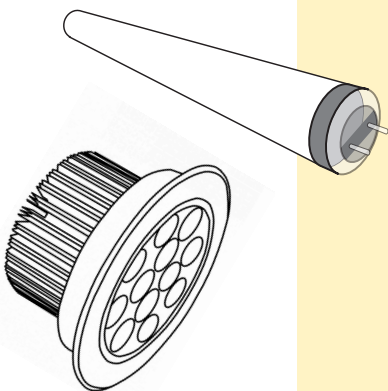
Up to 64 separately dimmable LED and fluorescent lights on a simple two wire bus. Also supports groups, RGB and RGBW multi channel lights, via DT8 as well as assembled from multiple single channel dimmers.

hue

Atmospheric colored, cold/warm white and monochrome LED lights in different shapes, with radio control.

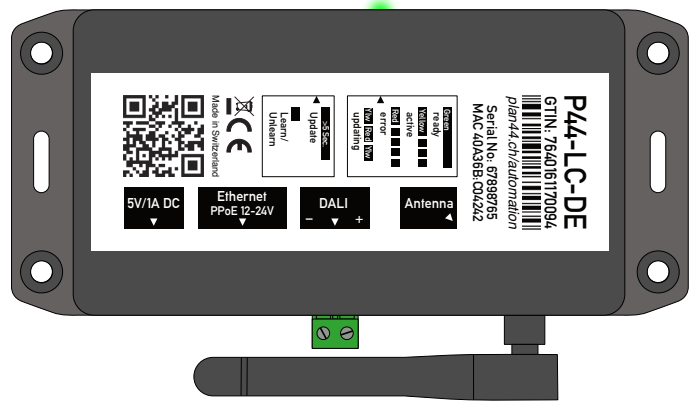
EnOcean

Any freely positionable radio pushbuttons without battery, radio-controlled relays and dimmers, sensors for special applications



Mode of Operation

- The P44-LC-DE controller is connected to the home network (LAN) via Ethernet.
- From any computer, tablet or cell phone, the user interface of the P44-LC-DE can be opened in the browser to configure the system and load updates.
- Wireless components (EnOcean, hue) are connected to the P44-LC-DE with a simple push of a button.
- DALI devices are connected to the 2-wire DALI bus
- Without further configuration, connected pushbuttons control the connected luminaires (on/off/dimming).
- The user interface can then be used to create separately operable zones for different rooms or areas in the same room and to set the desired operation individually.
- The P44-LC-DE has extended comfort functions such as timers and actions triggered by sensor values.



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 pushbuttons, sensors, contacts (supported EEP see [website](#)).
- Connects to Philips hue Bridge via Ethernet to control Philips/Signify hue LED lamps.
- Ethernet port (100baseTX) integrated
- Powered via included power supply or passive PoE (PPoE, 12-24V, with separate PPoE kit)
- Can be upgraded to a P44-DSB-DEH2 digitalSTROM bridge if required (software upgrade).
- Extended scripting capabilities allow a wide range of custom applications such as special lighting effects and sensor based behaviour.

Connectors

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

Scope of delivery

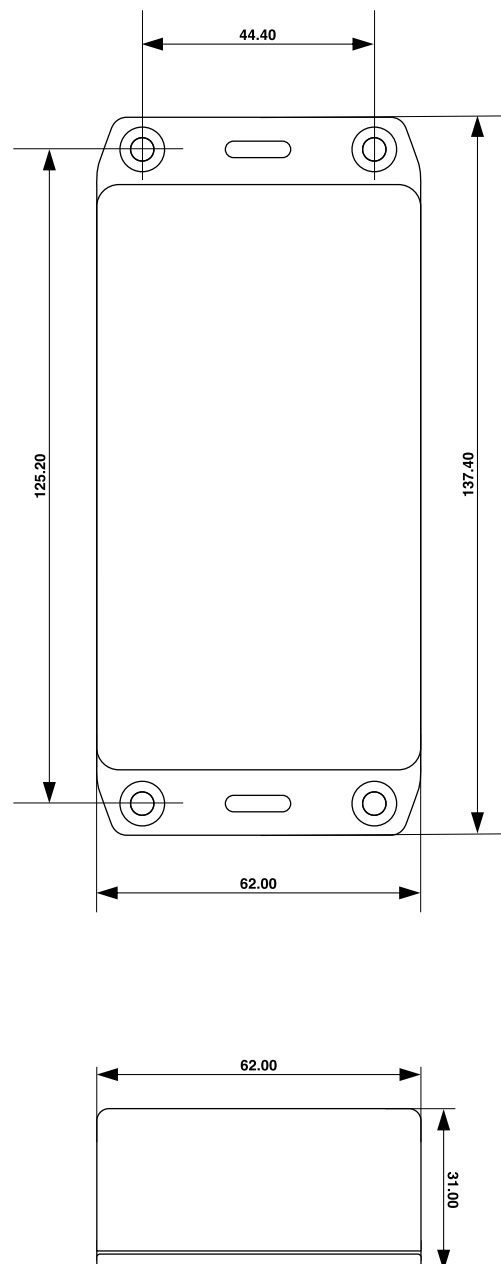
- P44-LC-DE device in flange housing
- EnOcean rod antenna SMA
- Plug-in screw terminal for DALI connection
- Ethernet patch cable
- USB micro plug-in power supply 230V AC

Where to buy

- Germany/Austria: online at LEDclusive.de
- Switzerland: online at plan44.ch

Further information

- plan44.ch/automation



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