

Expand your **digitalSTROM** installation

with the digitalSTROM Bridge **P44-DSB-DEH2**

with **DALI**, **EnOcean**, **hue**

(also available as standalone device **P44-LC-DE**)

**P44-DSB-DEH2**

**Simple:** automatically integrates into existing digitalSTROM systems without configuration

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

**Future-proof:** Supports new functions via firmware upgrades at the push of a button.

#### A single device integrates:

##### **DALI**

Up to 64 separately dimmable LED and fluorescent lights on a simple two wire bus.

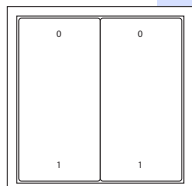
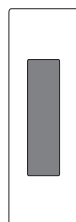
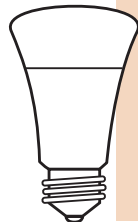
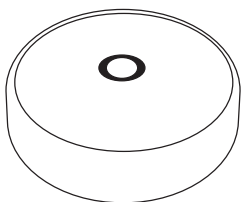
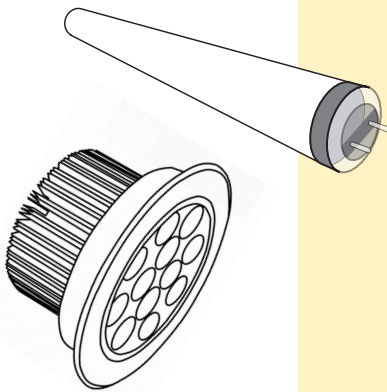
Also supports groups, RGB and RGBW multi channel lights, via DT8 as well as assembled from multiple single channel dimmers.

##### **hue**

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

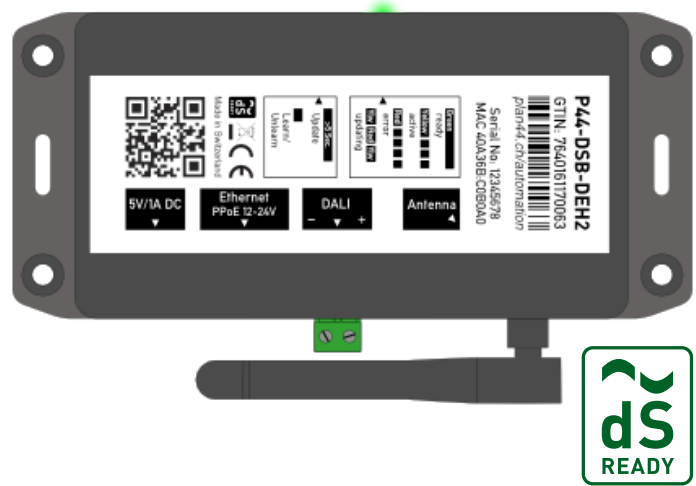
##### **EnOcean**

Any freely placeable wireless pushbuttons without battery, solar-powered climate sensors, heating valves, window contacts, etc.



## Mode of Operation

- The digitalSTROM-bridge P44-DSB-DEH2 is connected via Ethernet to the digitalSTROM server via the local network (LAN).
- The P44-DSB-DEH2 will be automatically detected as a “virtual digitalSTROM Meter” (vdSM).
- Wireless devices (EnOcean, hue) can be connected to the P44-DSB-DEH2 with a simple button press.
- DALI devices are connected to the 2 wire DALI bus
- All DALI devices on the bus and all wireless devices connected to the P44-DSB-DEH2 automatically appear in the digitalSTROM system and can be used and configured just like regular digitalSTROM terminal blocks.
- For advanced configuration and firmware updates, the web interface of the P44-DSB-DEH2 can be accessed from the digitalSTROM Configurator via context menu.



## 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, actuators (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)
- 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-DSB-DEH2 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

- EU: online at [digitalSTROM](#), at various electrical wholesalers and electronics stores
- Switzerland: online at [plan44.ch](#), via digitalSTROM, electrical wholesalers and electronics stores

## Further information

- [plan44.ch/automation](#)

