

USER GUIDE

LEPUSHDALIB

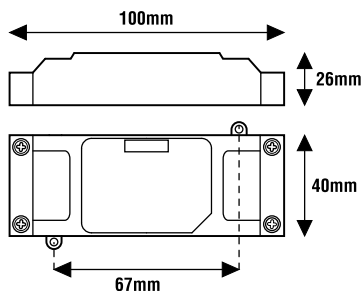
DALI signal generator with push-button control



www.lef-lighting.it

General Characteristics

Plastic case
Device for independent mounting
Electric class protection II
Protection degree IP20



| DALI 1 | OUT DALI 1 | DIM BLE | DIM PUSH 12-24-48Vdc | DIM PUSH 230Vac |
|--------|------------|---------|----------------------|-----------------|
|--------|------------|---------|----------------------|-----------------|

| CODICE CODE | Tensione di ingresso Input voltage (Vdc) | Comando Command | Uscita di segnale Signal output | Consumo DALI DALI consumption (mA) | Peso Weight (g) |
|-------------|--|------------------|---------------------------------|------------------------------------|-----------------|
| LEPUSHDALIB | 12-24-48 | PUSH BLUETOOTH | DALI | 2 | 50 |

LEF Lighting APP

The features implemented are:
switching on, switching off and brightness level control for each light point.
Possibility to group and control multiple light points with a simple command.
Definition and restoration of favourite light scenarios.
System management from a single simplified user interface.

LEF Lighting APP functionality

(*depending on the device, only some functions may be available).

Android



iOS



- To install the APP on your Apple or Android device, frame the desired QRCode to be automatically redirected to LEF Lighting APP product sheet.



Controllable device from tablet or smartphone with Bluetooth technology

ATTENTION:

The installation of the product must be followed by qualified personnel.
If the product is used for purposes other than the original ones or if it is connected incorrectly, LEF Lighting S.R.L. will not accept any responsibility for damages caused.

Technical Features

Input voltage range 12-24-48Vdc

Device for controlling DALI power supplies

Brightness adjustment through:

- push-button(PUSH 230Vac)
- push-button (PUSH 12-24-48Vdc)
- Bluetooth signal (LEF Lighting App)

This system sends (in broadcast) DALI commands, it is not necessary to set the addresses of the DALI power supplies connected to the BUS

Operating ambient temperature T_a -20°C ÷ +50°C

Reverse polarity protection (RPP)

Open circuit protection (OCP)

Overvoltage protection (OVP)

| | | | |
|------|--------|-------------------------------------|------|
| CH - | OUT CV | LEF Lighting www.lef-lighting.it | PUSH |
| CH - | L + | LEPUSHDALIB | NC |
| + | DC IN | V IN: 12-24-48Vdc | PUSH |
| - | | DALI OUT | NC |
| | | DALI DT6 | DALI |
| | | RoHS | NC |
| | | CE | DALI |
| | | MADE IN ITALY | |

Reference Standards

EN 55015
EN 61000-3-2
EN 61000-3-3
EN 61347-1
EN 61347-2-13
EN 61547
EN 62386
EN 62493



PRODUCT TO BE DISPOSED
DIFFERENTLY FROM URBAN WASTE
AEE identification nr.IT18040000010321

MADE IN ITALY



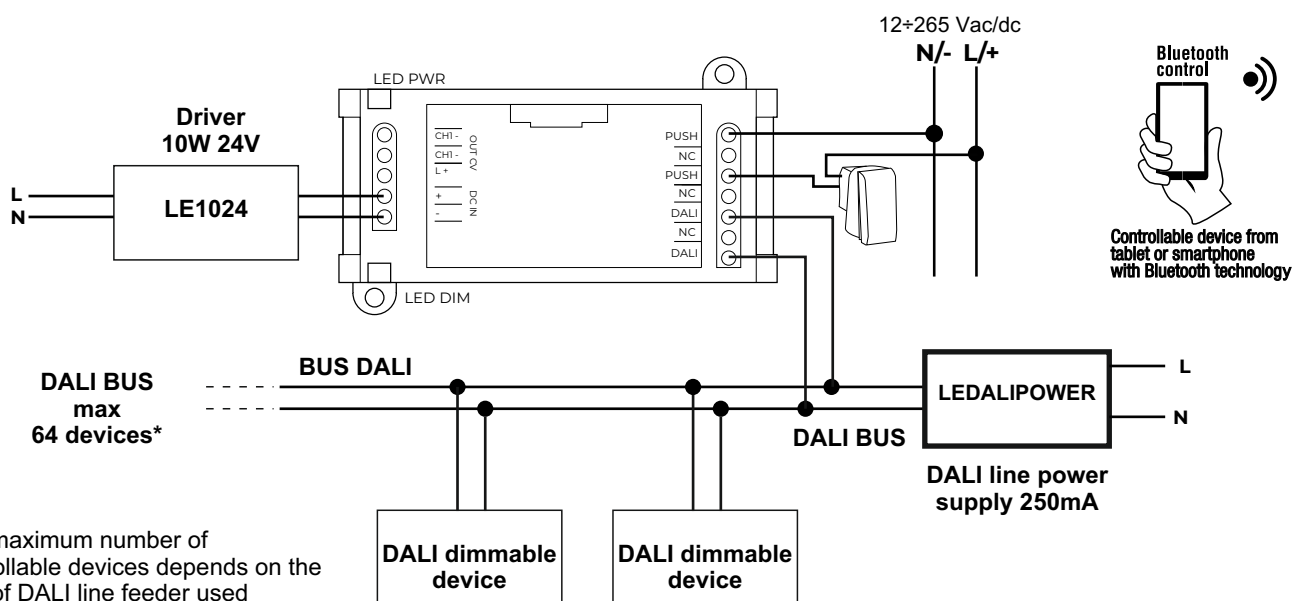
LEF LIGHTING S.R.L. | www.lef-lighting.it

Viale L.Ariosto 478/480 - 50019 Sesto Fiorentino (FI) - ITALY | Tel +39 055 421 77 27 - Fax +39 055 425 44 92

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* The maximum number of controllable devices depends on the type of DALI line feeder used

The dimmer must be powered according to the polarity indicated in Fig.1 through the DC IN terminals (+ and -). If LINE and NEUTRAL are reversed, the device does not suffer any damage.

The **PWR LED** on the board indicates the presence of power.

The **DIM LED** indicates the dimming status of the output.

The connection of the LED load is optional and can be made using the OUT CV terminals (L + CH1-) (max 12A).

PUSH MODE

To activate control / operating mode, it is necessary to connect the DALI bus to the two DALI inputs and connect a signal in **direct or alternating voltage**:

DC voltage range: 10 ÷ 265Vdc, AC: 12 ÷ 265Vac 50 ÷ 60Hz between the two PUSH inputs.

The max current absorbed by the PUSH interface is about 2mA.

The input signal does not require polarization.

N.B.

The device does not supply the DALI bus and it is therefore necessary to use an external **DALI** line power supply (**cod. LEDALIPOWER**).

A power supply with a **12-24-48V** output must be used to power the **LEPUSHDALIB** control unit.

The dimmer saves the output status in order to restore the set level each time the **BUTTON** is pressed ('**LEVEL MEMORY**' function).

PUSH interface operation

Single Click (quick press (<1sec))

- Turns the output on or off (ON / OFF).

Double Click (quick press (<1sec))

-Set maximum brightness (output = 100%).

Long Press (long press (> 1sec))

-If the dimmer is in the OFF state, set the output to the minimum value (default = 1%).

-If the dimmer is in the ON state, prolonged pressure allows the dimming of the output (ascent / descent)..

BLUETOOTH mode

To activate control / operation mode it is necessary to install LEF Lighting App on the Android or iOS device you want to use for dimmer control.

Connection via BLUETOOTH does not require the pairing procedure.