

USER GUIDE

Code: LEPUSHDALIB

DALI SIGNAL GENERATOR



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)

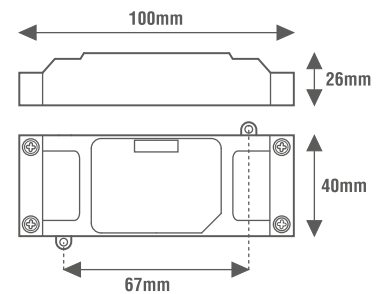
This system sends (in broadcast) DALI commands, it is not necessary to set the addresses of the DALI power supplies connected to the BUS

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

Reverse polarity protection (RPP)

Open circuit protection (OCP)

Overvoltage protection (OVP)



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,
 - Brightness level control for each light point,
 - Minimum brightness calibration.
- Other functions:
- Grouping and controlling of multiple light points with a simple command,
 - Definition and restoration of favourite light scenarios,
 - System management from a single simplified user interface.



Android



IOS



LEF Lighting APP operation

Depending on the device, only some functions may be available

Management of 1 or 4 channels dimmer having different operation modes:

- Single channel
- 4 synchronized channels
- RGB (4 Channels or 4 areas)
- Dynamic White

To install the app on an Apple or Android device:

Get a shot of the intended QRcode in order to be automatically redirected to the LEF Lighting APP product sheet.

General Characteristics

Plastic case

Device for independent mounting

Electric class protection II

Protection degree IP20

ATTENTION:

The product installation must be carried out by qualified Personnel.

If the device is used for purposes other than the original ones or is connected in a wrong way, LEF LIGHTING S.R.L. does not assume any responsibility for any damage

Reference standards

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

MADE IN ITALY



PRODUCT TO BE DISPOSED
DIFFERENTLY FROM URBAN WASTE
AEE Identification nr.IT1804000010321



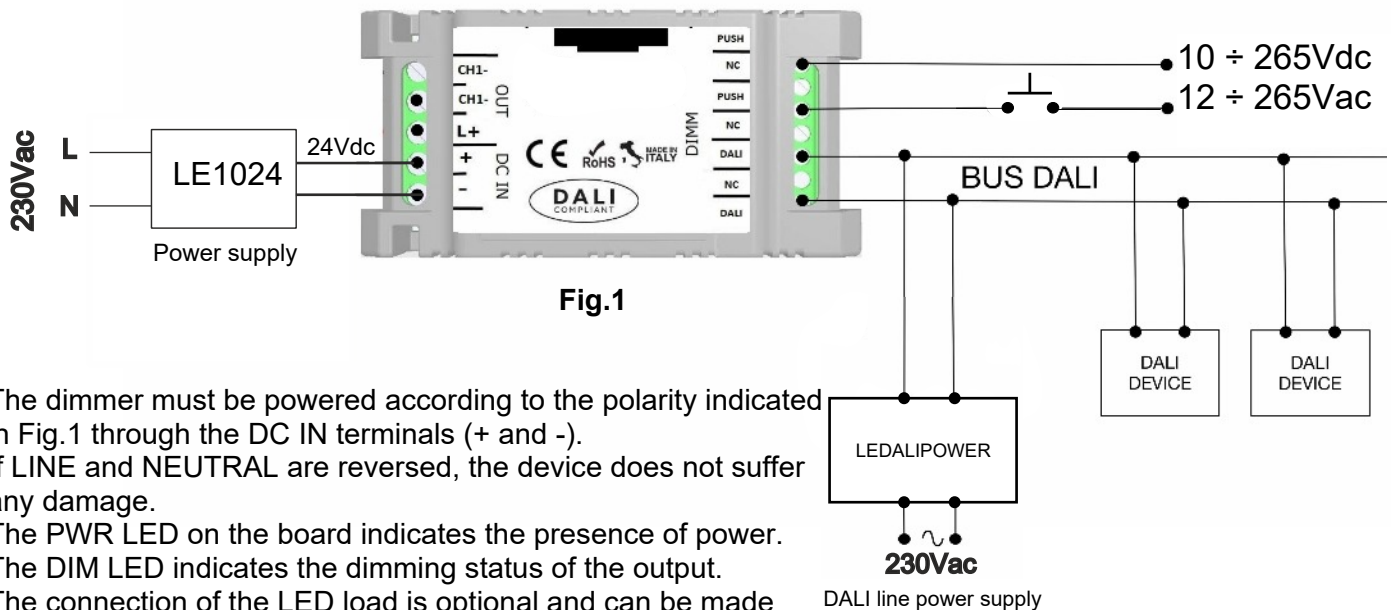
USER GUIDE

Code: LEPUSHDALIB

DALI SIGNAL GENERATOR



DEVICE POWER SUPPLY AND CONNECTION TO THE DALI BUS



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+ BLUETOOTH

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. see Fig. 1.

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 (LEDALIPOWER).

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

The PUSH input controls the intensity.

The dimmer saves the output status in order to restore the set level in the event of a power failure ("LEVEL MEMORY" function).

Operation PUSH interface

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 CONTROL

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.