



# INSTRUCTION MANUAL ZIGBEE LED WALL DIMMER 2501ZB

## IMPORTANT!

- Always work SAFELY; before installing, turn off the power in the fuse box.
- This dimmer is NOT SUITABLE for 12V halogen lamps combined with an iron core wire wrapped transformer. The warranty is void if this combination is made nevertheless!

This Zigbee LED wall dimmer (230VAC/50Hz, 5-200W/VA) is suitable for dimming the following light sources:

- Dimmable (retrofit) LED (filament) lamps (230V, max 150W).
- Low voltage LED lamps combined with dimmable led drivers (180W max).
- Incandescent and halogen lamps (230V, max 200W).
- 12V halogen lamps combined with dimmable electronic transformers (180W max).

## CHARACTERISTICS OF THIS LED WALL DIMMER:

- Phase cut dimmer ('R,C').
- The dimmer has a soft start for a favorable influence on the life span of the applied LED lamps.
- Programming of the MIN and MAX setting of the connected light source(s).
- Memory of the last dim setting.
- Changeover switching through an extra connection on the dimmer. (Figure B)
- N ( neutral wire, blue ), is not required!

## INSTRUCTION FOR INSTALLATION (FIGURE A and B):

- Turn off the power
- Strip the wires sufficiently (approx. 5 mm) and insert them into the proper terminals of the dimmer (Figure A or B)
- Connect the dimmer according to the illustration; in case of only one dimmer, apply Figure A. In the case of a changeover switch, use Figure B, depending on where the dimmer is located.
- Mount the dimmer into the flush-mounting box, place the ring plate and tighten the nut (for fixing the cover plate).
- Mount the frame, the cover plate (tighten nut! (2) and the rotary knob.
- Switch on the power

## SETTING THE DIMMER

The setting is important to get an optimal dimming range and stable light image with the connected light source(s).

### a) Switching on dimmer;

- Turn on the connected light source by pressing the dimmer button (1).
- Using the dimmer knob (1), set the connected light source to the desired brightness by turning the dimmer knob.

### b) Program (SET) minimum brightness;

- Press and hold the dimmer button for 10 seconds until the light source turns off 1x and on again.
- Set the desired minimum brightness by turning the dimmer knob (1) counterclockwise.
- Press the dimmer button (1) once.
- The dimmer will now automatically search for the appropriate maximum setting. This may take a few seconds. The light source flashes 1 x at completion.
- The minimum and maximum light intensity is stored in memory.

Programming can be repeated at any time. If, after programming the minimum and maximum brightness, the light image is stable, then the correct control range for the connected light source(s) has been found.

## EQUIPMENT:

- Small flathead screwdriver
- Combination pliers for firmly tightening the nut.
- Stripping pliers, for stripping wires

## CONNECTING DIMMER TO THE APP:

Connecting to the app is required to operate the dimmer with the app and voice control.

1. Make sure your controller is in pairing mode. How this works can be found in the manual of your controller (For example: Philips Hue, Ikea trådfri, Alexa or Tuya Smart life).
2. Pressing the on/off button 6 times in quick succession will put the dimmer into pairing mode. The light source will flash 4 times quickly.

Should the dimmer not be found by the app, reset the dimmer as follows:

1. Turn on the dimmer.
2. Press 3 times in a row on the dimmer button, keep the last time the button pressed for 2 seconds. (Press, release, Press, release, hold for 2 seconds).
3. You will see the lamp blink once within the 2 seconds, if this does not happen, try again.
4. Now try to pair the dimmer with the app again using the steps above.

Due to app updates, this manual may no longer be current. Please check [www.tradim.nl](http://www.tradim.nl) for the most recent version.

Figure A

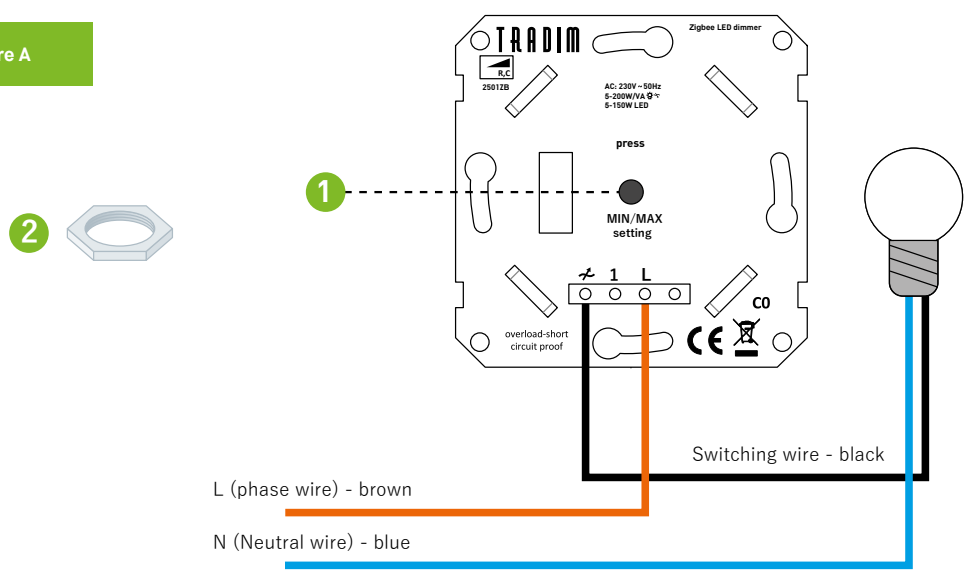
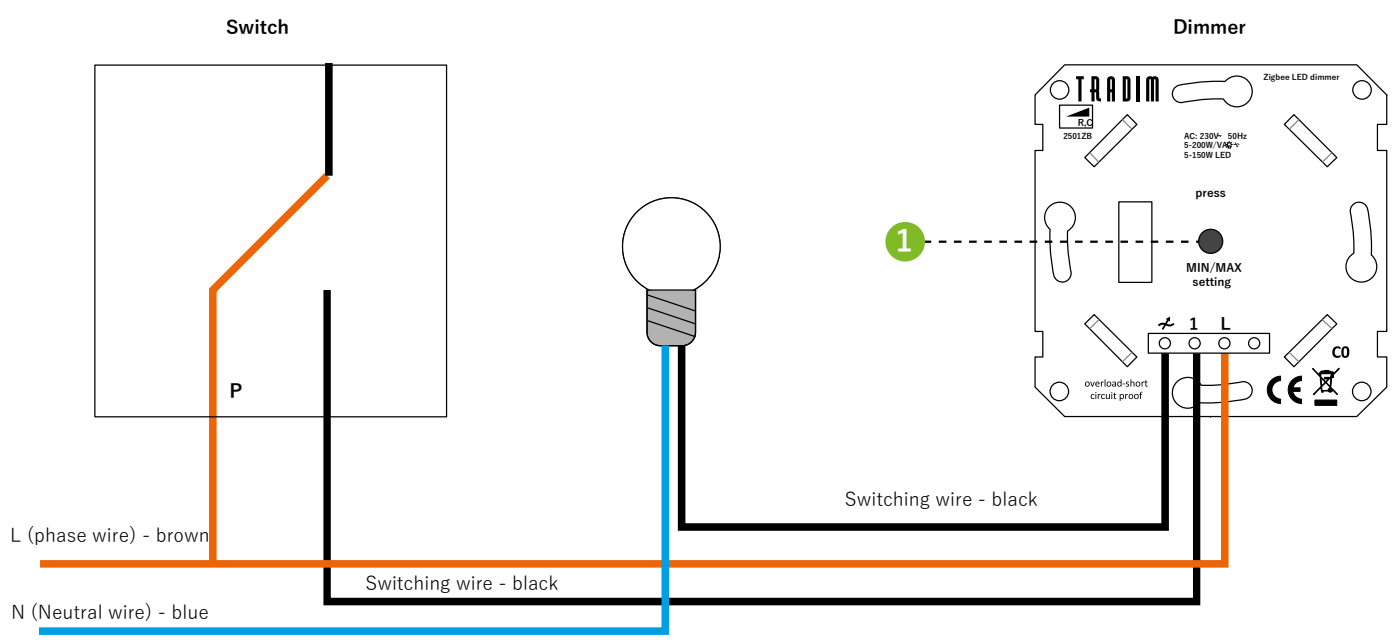


Figure B



The manufacturer is not liable for damages caused by incorrect use or improper installation of the dimmer. The warranty period is 2 years from the date of purchase, to be proven at the retailer by means of your purchase receipt. Version EN 2.0 (18/09/23). **Keep this manual for (re-)installation!**