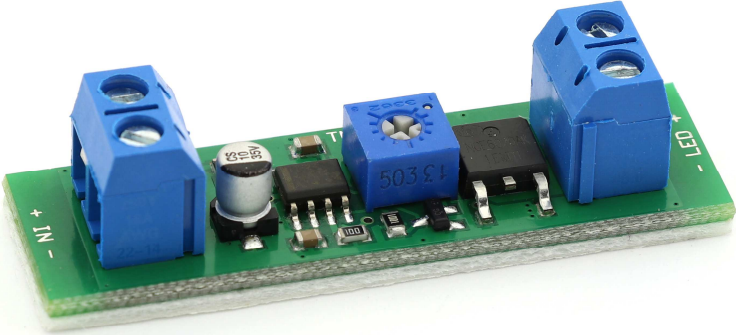


**TM-53371**



# 12V LED Dimmer

User's manual



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**Safety warning**

During the operation of the device the specified technical parameters shall always be met. At the installation the environment shall be fully taken into consideration. The device must not be exposed to moisture and direct sunshine.

A soldering tool may be necessary for the installation and/or mounting of the devices, which requires special care.

During the installation it shall be ensured that the bottom of the device should not contact with a conductive (e.g. metal) surface!

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## **Properties**

- Suitable for 12V standard LED strips
- High current capability
- Wide dimming range (1% - 99%)
- Double sided adhesive tape back

## **Technical parameters**

Supply voltage: 12V DC

Idle mode current consumption: 8 mA

Max. output current: 3A

Dimensions: 51x15 mm

## **Short description**

This LED dimmer is suitable for standard 12V LED strips to change the brightness (the product package does not contain LED strip). The brightness of the LED strip can be adjusted continuously with the on-board potentiometer from 1% to 99%.

## **Mounting**

The product has double sided adhesive tape on the back, and easy to mount to any surface including wood, metal, glass, plastic, etc.

## **Wiring**

The module shall be installed according to the wiring diagram (Figure 1).

The module is powered from external 12V power supply, and the LED strip must be also 12V model.

## **Adjustment**

Please use small screwdriver to adjust the potentiometer on the board, and do it carefully. The clockwise rotating direction will increase the brightness, and counter-clockwise direction will decrease the brightness. The one-turn trimmer potentiometer is adjustable within 270° (not full 360°).

## **Guarantee and legal statement**

Each parameter of the device was submitted to comprehensive testing prior to marketing. The manufacturer undertakes one year guarantee for the product. Defects occurred during this period will be repaired by the manufacturer free of charge against the presentation of the invoice.

The validity of the guarantee will cease in case of improper usage and/or treatment.

Attention! By virtue of the European EMC directive the product can be used solely with devices provided with CE marking.

*The mentioned standards and branch names are the trademarks of the firms concerned.*

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*Figure 1*