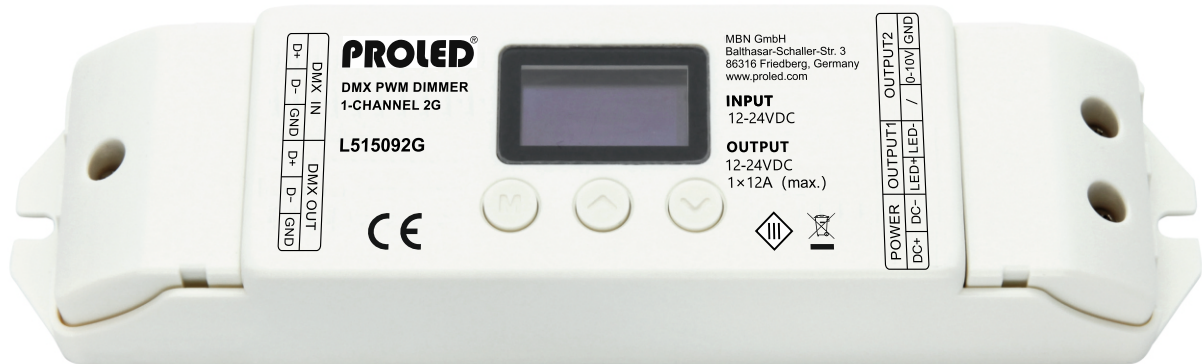


DMX PWM DIMMER 1-CHANNEL 2G L515092G



Preface

Thank you for choosing PROLED DMX PWM DIMMER 1-CHANNEL 2G. Before installation and use, we strongly recommend you to read this manual carefully. If the device has been damaged during transport, please report this to your supplier immediately. Please don't take any action without contacting your supplier first

Limited Warrenty

In case of quality problems we provide free repair or replacement within one year from the day of purchase, if this product has been used properly in accordance with the user's manual, except in following cases:

1. Any defects caused by wrong operation.
2. Any damages caused by unauthorized removal, maintenance, modifying, incorrect connection and replacement of chips.
3. Any damages due to transportation, vibration etc. after purchase.
4. Any damages caused by earthquake, fire, lightning, pollution and abnormal voltage.
5. Any damages caused by negligence, inappropriate storing at high temperatures and humidity or near harmful chemicals.
6. Product has been updated

Safety Warnings

1. Please don't install this dimmer during thunderstorms, intense magnetic or high-voltage electrical fields. To reduce the risk of component damage and fire caused by a short circuit, make sure, that all connections are correct.
2. Always be sure to mount this unit in an area with proper ventilation to avoid overheating.
3. Check voltage and power requirements of the dimmer as well as the polarity of the power supply.
4. Never connect any cables while power is on and always assure correct connections to avoid short circuits before switching on.
5. Never attempt any repairs yourself; otherwise the manufacturer's warranty will be void.
6. For update information please consult your supplier.

Product Description

PROLED DMX PWM DIMMER 1-CHANNEL 2G allows dimming of monochromatic LED-luminaires or Flex Strips. Setup or starting of Test-Programs can be done by using 3 buttons at the dimmer.

1. Technical data

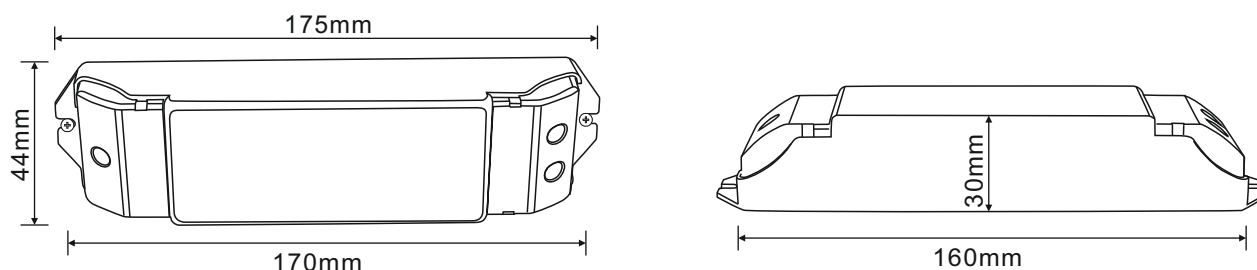
Modell	PROLED DMX PWM DIMMER 1-CHANNEL 2G
Input voltage	DC 12 - 24 V
Output voltage	DC 12 - 24 V
Output current	max. 1x 12 A
Output power	144 W / 288 W (12 V / 24 V)
Ambiente temperature	-10°C – 45°C
Dimensions	175 mm × 44 mm x 30 mm (LxBxT)
Net-weight	150 g

2. Specifications

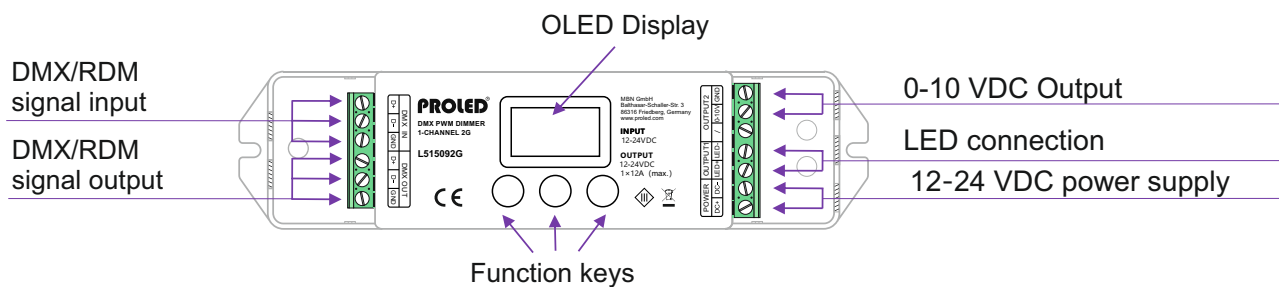
- OLED-Display
- 8 bit or 16 bit DMX 512-signal (8 bit = 4 DMX-channels, 16 bit = 8 DMX-channels)
- 3 Dimming curves (only at 8 bit)
- Test programs



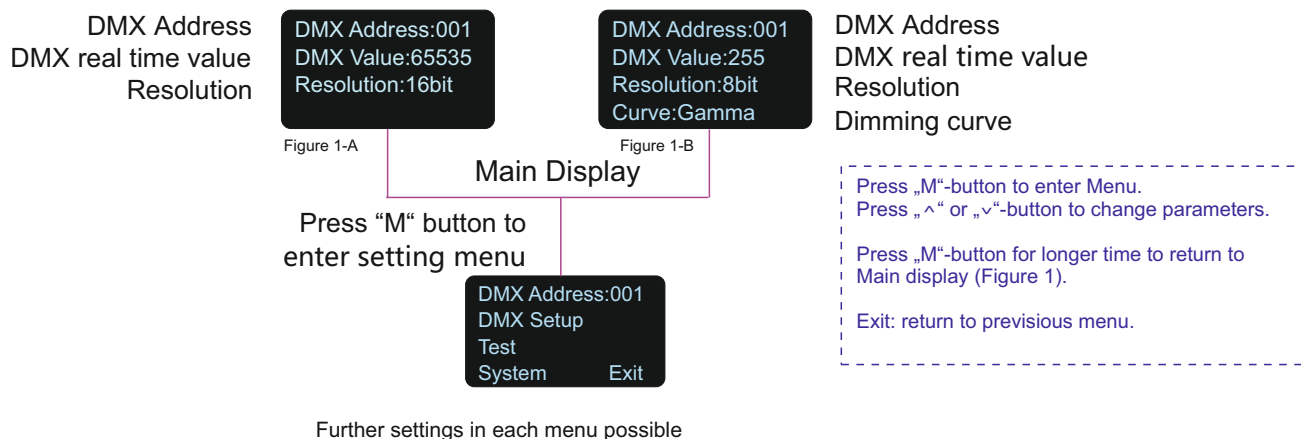
3. Dimensions



4. Connections



5. Menu diagram



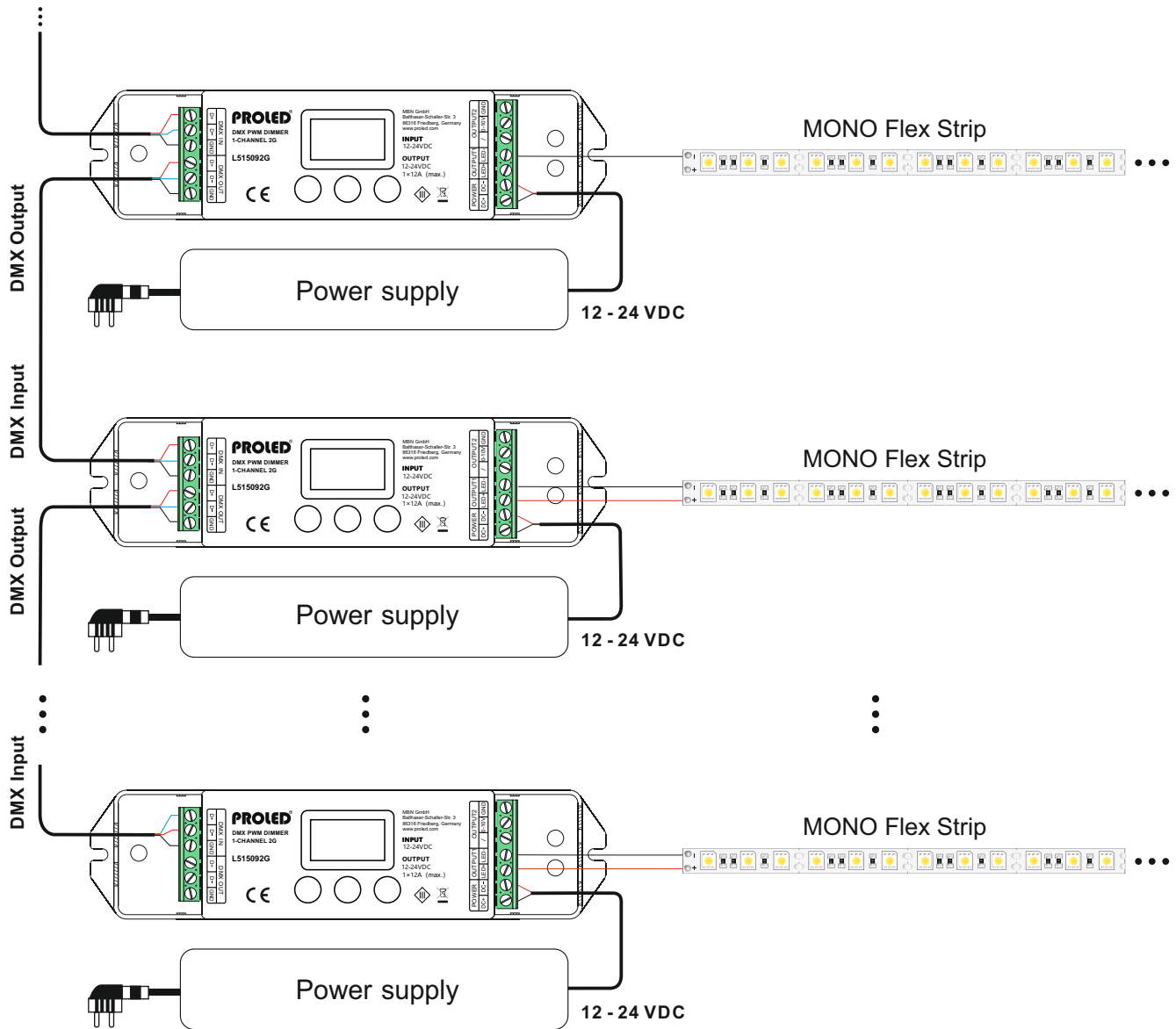
PROLED DMX PWM DIMMER 1-CHANNEL 2G can start Self-Test-Scenes only, when you enter the manu „Self-Test“.

Screen saver will be activated around 2 minutes after last command input..

To load factory defaults press in main menu (Figure 1) all 3 buttons together. PROLED DMX PWM DIMMER 1-CHANNEL 2G will load factory defaults and display will show „Device restore default“ for around 2 s. After this the system will return to main menu (Figure 1).

6. Connection diagram

Connection to DMX Master control



LED chose of voltage

Voltage output is always same as voltage input.

If the luminaire need 12 VDC, please choose a power supply with 12 VDC.

If the luminaire need 24 VDC, please choose a power supply with 24 VDC.

LED chose of power

Output current can of load has a range of 0 - 12 A.

At 12 VDC the power output can be between 0 - 144 W.

At 24 VDC the power output can be between 0 - 288 W.

The choosen power should be min. 20% above the connected load.

The more power you have, the better it works.