

USER MANUAL

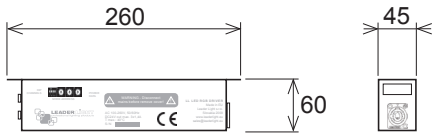
LL PRO RGB DRIVER

LL42 400

COMPLIMENTS ON YOUR PURCHASE!



All dimensions are in millimeters



Following items are included:

- LL PRO RGB DRIVER 1 pc.
- Power plug PowerCon "A" and "B" 1 pc.
- User manual 1 pc.

Additional items needed:

- Control cable
- Screws and washers 2xM

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ENVIRONMENT



Do not throw away the appliance with the normal household waste at the end of its life, but hand it in at an official collection point for recycling. By doing this, you help to preserve the environment.

01 SAFETY INFORMATION



WARNING!!!

Carefully read before installing, powering or servicing.
Nothing to do if anything misunderstand! Installation can be done only by a qualified professional in accordance with relevant local codes.

01.1 Protection from electric shock



- Shut down power before installation or maintenance.
- Driver and recommended AC power supply must be installed by a qualified professional in accordance with relevant local codes. Only acceptable source of AC power and frequency that complies with local building and electrical codes to use.
- Do not use or do not connect the products if the power cable, power plug or unit are any way damaged, wet, or if they are overheating.
- Do not modify, alter, or attempt to service the LeaderLight appliance. Doing so will void the warranty.
- Before removing or installing any cover or part of appliance disconnect it from AC power.
- Appliance always connect to earth (eltech.).

01.2 Fire prevention



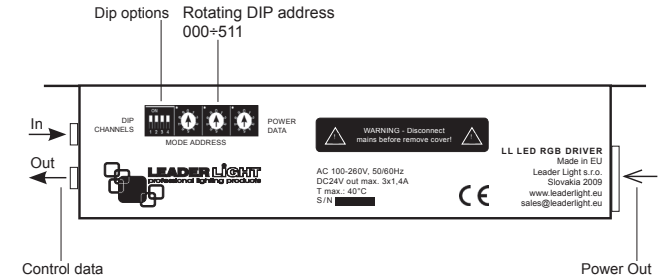
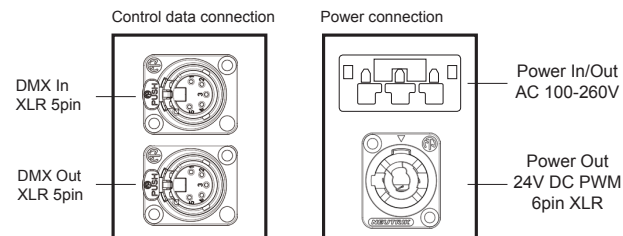
- Follow all safety consideration.
- Thermostatic switches or fuses never to bypass.
- Device never shield – minimum distance around ventilating slot must be 100mm (4 in.).
- Allowing max. ambient temperature is 40°C (104°F).

02 PRODUCT SPECIFICATION

02.1 Technical Specification

Power connection:	100-260V AC, 60VA, 50-60Hz
Power output:	3 channels DC 24V PWM, max. 1,4A each channel total power 60W (60 %) max. 2,5A with 6pin XLR
Data connection:	DMX512 In/Out with RJ45 (by ESTA, DMX2 link) or 5pin XLR (on request)
Net weight:	0,7kg
Ambient temp.(Ta):	-10°C ~ +40°C except outdoor box with cooling and heating module
Installation:	Surface mounting

02.2 Data and power connections



03 INSTALLATION

03.1 Unpacking

- Unpack carefully.
- This is electronic equipment and should be handled carefully.
- Damaged delivered package or if are any mechanical parts broken – it must be claim immediately by the transport company. Photo pictures as evidence are valuable for future claim.

03.2 Physical installation

- Loading capacity of bearing area has to be at least 10 times the weight of all device clusters (drivers, luminaries, clamps, cables, ...).

03.3 Connecting to AC power



- **To tackle all Safety Information- 01!**
- For protection from electric shock, the device must be grounded (earthed)!
- It is not necessary to open the box before power supply. Power supply is solved simple with connector.
- The unit is equipped with auto-switching power supply that automatically adjusts to any 50-60Hz AC power source from 100-260V.
- Cord plug connections:

Symbol	Pin	Wire Colour	Screw (US)
L	live	brown	yellow or brass
N	neutral	blue	silver
⊕	ground (earth)	yellow/green	green

03.4 DMX channels - subject to change

- The latest version of DMX channels appendix are on the websites - www.leaderlight.eu

DMX channels:

- dmx1 = Red
- dmx2 = Green
- dmx3 = Blue
- dmx4 = Master (Dip1=On)
- dmx5 = Strobo (Dip1=On)

Switch functions DipBCD:

- 9xx = AutoTest (RGB fade - over)
- 8xx = 100% Red
- 7xx = 100% Green
- 6xx = 100% Blue

Switch functions Dip4:

- Dip1 = ExtMode (+2 ch.: Master, Strobo)
- Dip2 = for future
- Dip3 = for future
- Dip4 = Ultra soft curve

04 MAINTENANCE

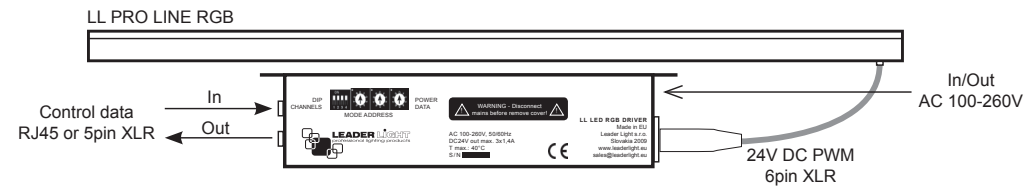


- **To tackle all Safety Information- 01!**
- Damage caused by inadequate cleaning or maintenance is not covered by warranty.
- Regular cleaning is demand (dust, dirt, ...).

Maintenance policy:

- Unplug mains before maintenance and at least 10 minutes cool off
- Appliance do not illegal open or demount
- Clean-up dust only from outer surface.
- Use vacuum or dumpy duster (warm water)
- Before reinstalling to check failure-free state – no wet parts!

LL PRO RGB DRIVER connection with LL PRO LINE RGB



1.1



LL PRO RGB DRIVER connection with LL PRO LINE

Order code	Product name	I _{max.} (A)
LL42 400	LL PRO RGB DRIVER	2,5A

If you have any question please, contact support@leaderlight.sk