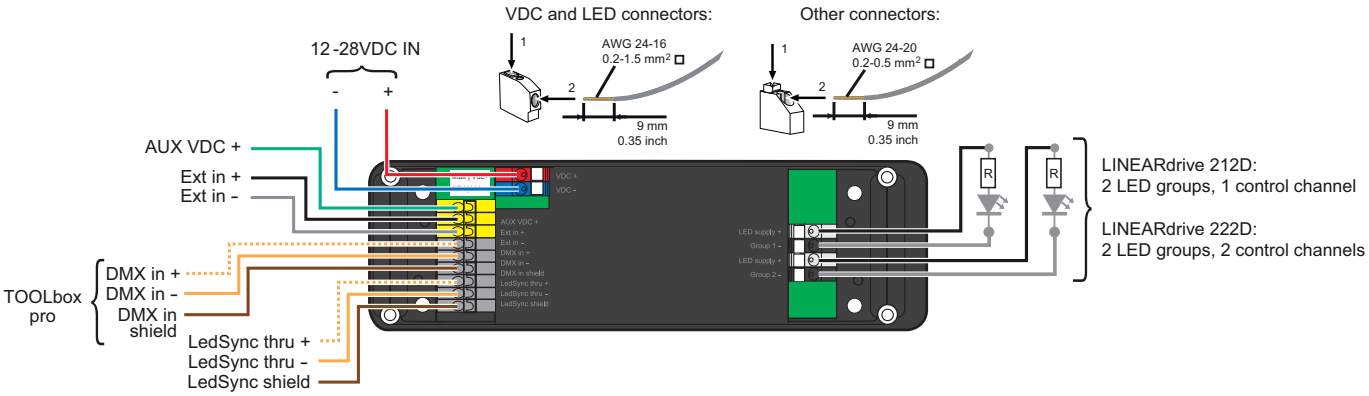
eldoLED

your product | *our drive*

Wiring diagram LINEARdrive 212D, 222D (LIN2*2D1)



CAUTION: The device may only be connected and installed by a qualified electrician. All applicable regulations, legislation and building codes must be observed. Incorrect installation of the device can cause irreparable damage to the device and the connected LEDs.

12V - 28V DC IN

To connect the LED driver to a 12-28V DC power supply unit (PSU), connect the PSU's positive voltage supply wire to the VDC+ connector and the PSU's negative voltage supply wire to the VDC- connector.

EXT in

You have the possibility to connect a 47kΩ potentiometer to the LED driver's Ext in+ and Ext in- connector for local dimming.

TOOLbox pro

You can connect a TOOLbox pro to the DMX in+, DMX in- and DMX in shield connector. Using the freely downloadable FluxTool software, you program the LED driver. For more information, go to www.eldoled.com/software.

DMX in / LedSync thru

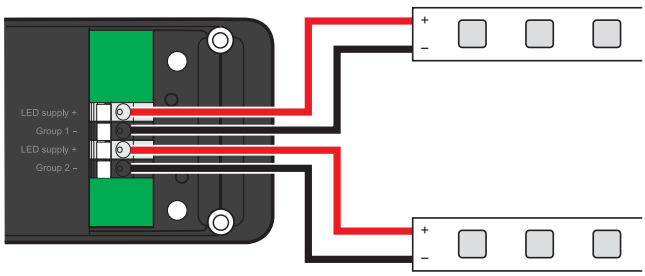
Use these connectors to connect the LED driver to a DMX network. For DMX in, connect the network cable's DMX+, DMX- and DMX shielding wire (the orange /white, orange and brown wire in a CAT5 cable) to the DMX+, DMX- and DMX shielding connector respectively. For LedSync thru, connect the network cable's data+, data- and shielding wire to the LedSync thru+, LedSync thru- and LedSync shield connector.

LED groups

Indicates the location of the connectors for your LED strips. LINEARdrive 212D is a single-channel driver, meaning both LED groups are controlled over the same control channel. LINEARdrive 222D is a dual-channel LED driver: the two LED groups can be controlled over two separate control channels.

Connecting two LED strips

Maximum current for both LED outputs together is 8A.
You are free to divide the 8A over the two LED outputs in any way you want.



Connecting one LED strip

Maximum current for both LED outputs together is 8A.
When connecting only one LED strip, the maximum current for the output it is connected to is also 8A.