eldoLED
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DC IN: max 28V

To connect the LED driver to a DC power supply (PSU), connect the PSU's positive voltage supply wire to the voltage supply (V sup) screw terminal and the PSU's negative voltage supply wire to the ground (GND) screw terminal.

DIP switch

Use this DIP switch to enable or disable termination. Set DIP switch 1 to ON to enable 120Ω termination; set DIP switch 1 to OFF to disable termination.

External/remote switch

You can connect an external/remote, momentary-action push-button switch to the voltage supply (V sup) and switch (SW) screw terminals. You can use this switch to flip through the show sequences that have been uploaded to your driver.

Jumper block

The position of the jumper on these jumper blocks determines the LED output current. It is possible to set a different current per jumper block i.e. LED group:

- No jumper: 350mA
- Jumper: 700mA

LED groups

Indicates the location of the screw terminals to which you can connect your LED groups. R(ed) represents channel 1, G(reen) represents channel 2, B(lue) represents channel 3 and

W(hite) represents channel 4. This default group color allocation can be changed using FluxTool parameters 80 through 83, "Group R/G/B/W channel mapping". Note that the LED output voltage available to your LED groups equals the input voltage minus 4V.

LedSync/DMX IN and LedSync OUT (optional)

Use these connectors when the driver is used in a DMX network. For data input, connect your network cable's data+, data- and shielding wire (the orange/white, orange and brown wire in a CAT5 cable) to the I+, I- and Shield screw terminal respectively. For data output, connect your network cable's data+, data- and shielding wire (the orange/white, orange and brown wire in a CAT5 cable) to the O+, O- and Shield screw terminal.

M3/M4 mounting holes

The LED driver can be secured with M3 or M4 screws.

Onboard switch (optional)

Momentary-action push-button switch that allows you to flip through the show sequences that have been uploaded to your LED driver. Pushing the switch makes contact.
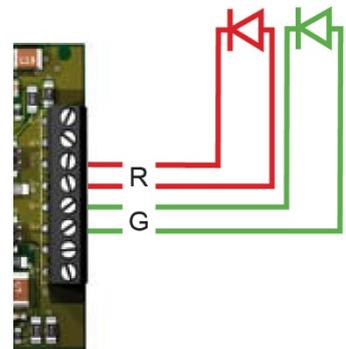
Thermal feedback (optional)

You can connect a negative temperature coefficient (NTC) thermistor for feedback about the LEDs' temperature. Connect the thermistor to the temperature sensor (T+) and the temperature ground (T-) screw terminal.

Connecting 3 LED groups to a 4-channel LM-Dot Pico
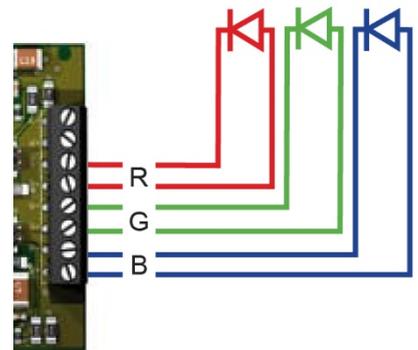
Connecting 2 LED groups to a 4-channel LM-Dot Pico

Connecting 1 LED group to a 4-channel LM-Dot Pico