eldoLED
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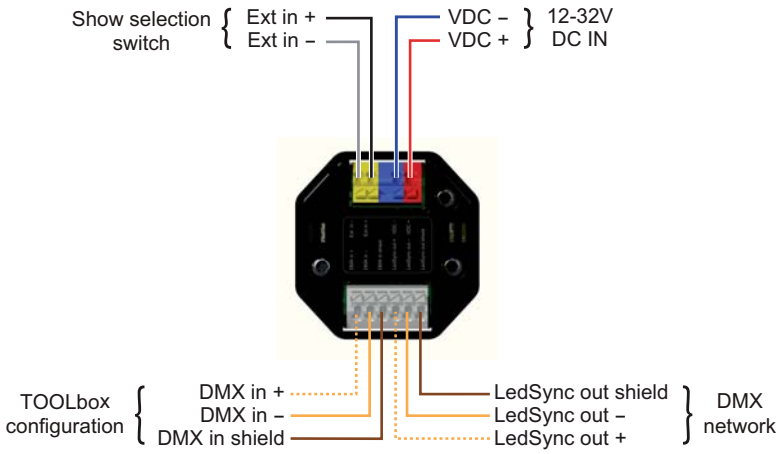
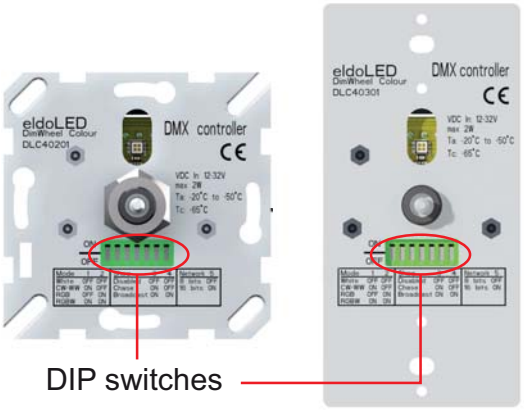
Wiring diagram DimWheel Colour (DLC40201/DLC40301)





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 - 32V DC in

Connect the positive voltage supply wire of a 12-32V DC, SELV equivalent power supply to the VDC+ connector and its negative voltage supply wire to the VDC- connector.

Ext in

You can use a momentary switch as show selection switch. Connect such a momentary switch to the Ext in+ and Ext in- connector.

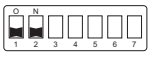
DMX in

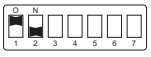
To upload show sequences with the eldoLED TOOLbox, connect the network cable's data+, data- and shielding wire (the orange/white, orange and brown wire in a CAT5 cable) to the DMX in+, DMX in- and DMX in shield connector respectively.

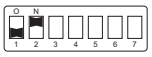
LedSync out

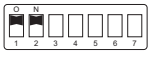
For data output to the connected DMX drivers and luminaires, connect the network cable's data+, data- and shielding wire (the orange/white, orange and brown wire in a CAT5 cable) to the LedSync out+, LedSync out- and LedSync out shield connector respectively. LedSync is compatible with any USITT DMX512A based driver.

DIP switches: setting the operation mode


White mode for general white lighting applications (1 channel)


CW/WW (cool white / warm white) mode for colour temperature control (2 channels)


RGB mode for full colour applications (3 channels)

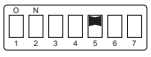

RGB-W/A mode for full colour applications (4 channels)

Colour mode

Show mode (chase)

Show mode (broadcast)

8-bit network resolution


16-bit network resolution

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