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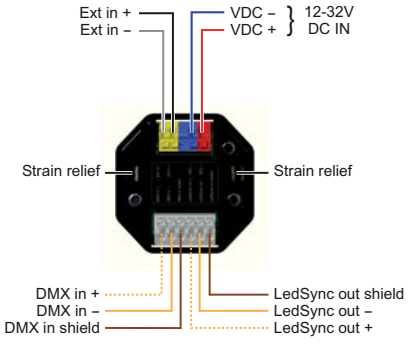
Quick Start Guide DimWheel Colour — DimWheel Series

How to connect, configure, mount and operate your DimWheel

1. Connecting your DimWheel

Show mode
When operating DimWheel in show mode, you can connect a momentary action switch to the 'Ext in' connectors for show selection (optional).



Power
Connect the DimWheel to a 12-32V DC, SELV equivalent power supply.

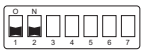
Strain relief
Recommended: Fixate wires with tie-wraps that are looped through indicated holes.

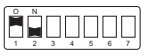
ShowMaster
To upload show sequences you have created with ShowMaster, connect your TOOLbox to the DimWheel's 'DMX in' connectors (optional).

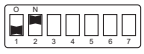
DMX
Connect your DMX network to the DimWheel's 'LedSync out' connectors.

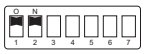
2. Configuring your DimWheel

Configure your DimWheel by setting the DIP switches on the front:


1-channel mode for general white lighting applications


2-channel mode for colour temperature control


3-channel mode for full colour (RGB) applications


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

colour mode

show mode (chase)

show mode (broadcast)

8-bit network resolution

16-bit network resolution

DIP switch 6 and 7 are non-influential.

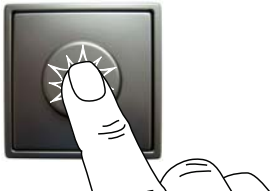
3. Mounting your DimWheel

The DIP switches remain accessible after installation. When carrying out changes in the DIP switch settings, turn the DimWheel off and on again (by pressing the knob twice) to activate the new settings.
The DimWheel is compatible with most standard faceplates. For UK-style electrical wall mounting boxes (BS4662), you can use the eldoLED faceplate kit with lightpipe.

Faceplate, wallbox and screws are not included with your DimWheel.

4. Operating your DimWheel

Turn the light on



Change brightness

Turn the light off

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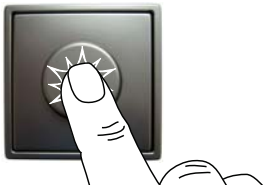
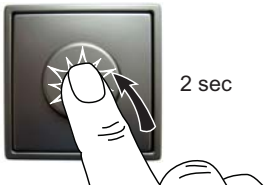
Advanced operation for 2-channel mode (CW/WW)

Turn the light on

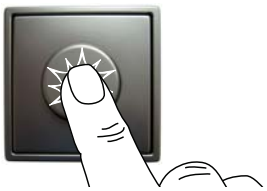


Activate configuration mode



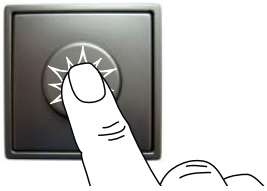
Set colour temperature

Save setting and return to basic operation

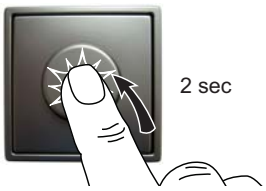


Advanced operation for 3/4-channel (RGB/RGBW) colour mode

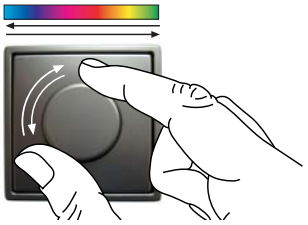
Turn the light on



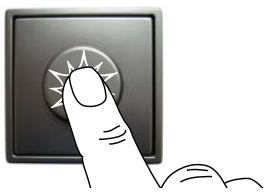
Activate configuration mode



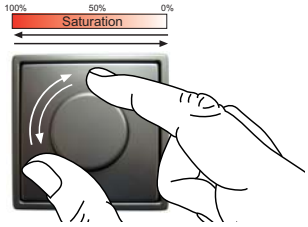
Set colour



Save colour setting



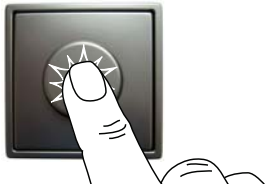
Set saturation



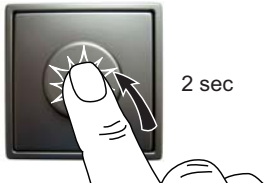
Save setting and return to basic operation

Advanced operation for 3/4-channel (RGB/RGBW) show mode

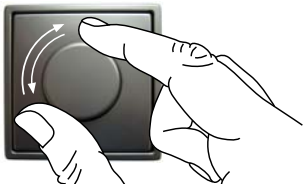
Turn the light on



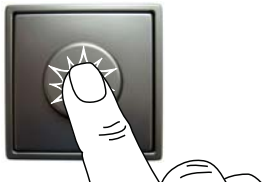
Activate configuration mode



Set show speed



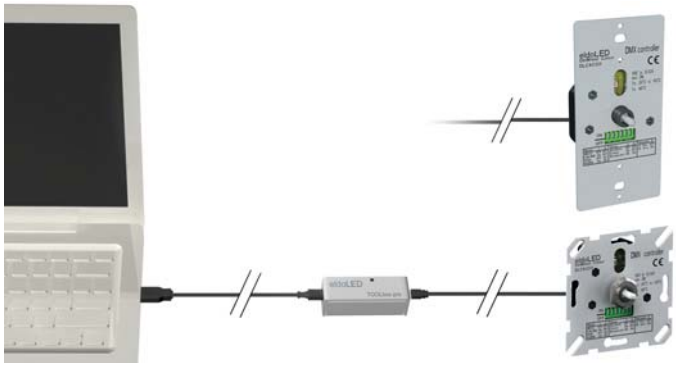
Save setting and return to basic operation

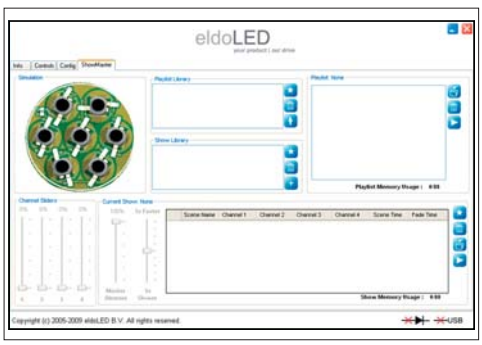


5. Creating/uploading show sequences

The DimWheel comes with 4 default show sequences and is set to show 2 by default:
Show 1: red fading into green, green into blue, blue into red, red... etc.
Show 2: red fading into green, green into blue, blue into white, white into red... etc.
Show 3: red changing into green, green into blue, blue into red, red... etc.
Show 4: red changing into green, green into blue, blue into white, white into red... etc.

You can create and manage your own custom show sequences and upload these to your DimWheel with ShowMaster. Upload the shows you created with the TOOLbox via the DimWheel's DMX in connectors. To finalize the upload of a playlist, turn the DimWheel off and on again by pressing the knob. For more details about working with ShowMaster, see the TOOLbox user manual (www.eldoled.com/support).





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