

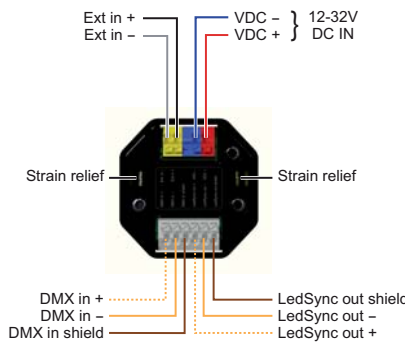


# How to connect, configure, mount and operate your DimWheel

## 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).

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

**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

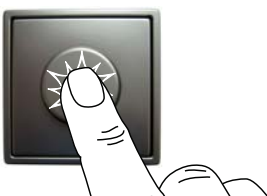


The DIP switches remain accessible after installation. When carrying out changes in the DIP switch settings, turn the DimWheel off and on again (by pressing the knob twice) to activate the new settings. The DimWheel is compatible with most standard faceplates. For UK-style electrical wall mounting boxes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

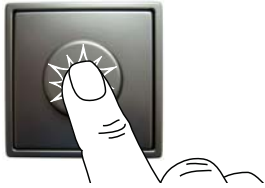


Turn the light off

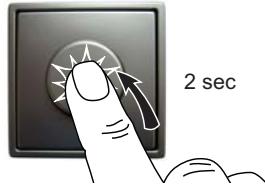


**Advanced operation for 2-channel mode (CW/WW)**

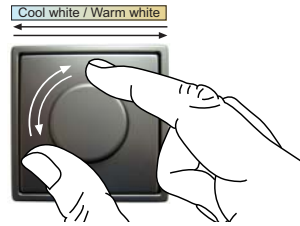
Turn the light on



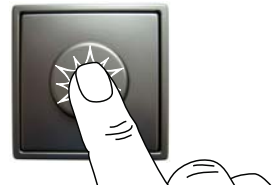
Activate configuration mode



Set colour temperature

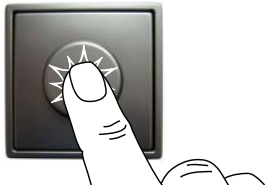


Save setting and return to basic operation

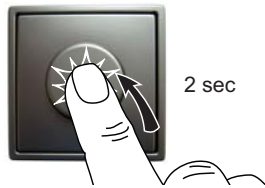


**Advanced operation for 3/4-channel (RGB/RGBW) colour mode**

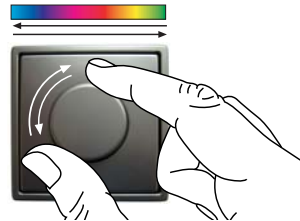
Turn the light on



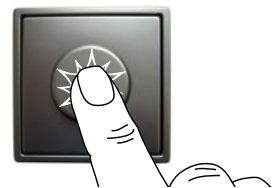
Activate configuration mode



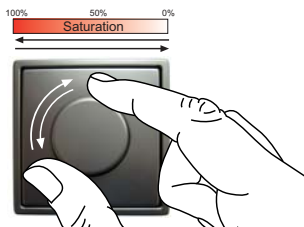
Set colour



Save colour setting



Set saturation



Save setting and return to basic operation

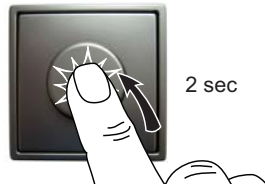


**Advanced operation for 3/4-channel (RGB/RGBW) show mode**

Turn the light on



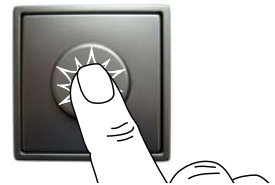
Activate configuration mode



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](http://www.eldoled.com/support)).

