Lights in Touchdesigner

You can control your fixtures straight from Touchdesigner, using an Enttec or over ArtNet

- Controlling Lights from Touchdesigner
- Controlling Ledstrips with WLED (from Touchdesigner)

Controlling Lights from Touchdesigner

In Touchdesigner DMX data is sent to the daisy-chain of fixtures through USB (via an ENTTEC available at the uitleen) or ArtNet.

https://www.youtube.com/embed/byyrxDm8sVc

In Touchdesigner you can create 'presets' called Toxes. You can save these on your computer for easy acces:

DMX Config	TOX	Example fixtures

5 channels: Intensity Red Green Blue Strobe	ETC_Colorsource_Par.tox	ETC ColorSource Spot jr (inventory Blackboxes & klein Zaal) ETC ColorSource Par (inventory Blackboxes) ColorSource Spot Deep Blue (inventory Kleine Zaal)
6 channels: Red Green Blue White Amber Uv	6CH_Par_RGBWAU.tox ETC_Colorsource_Junior_6ch.tox	High End PAR uitleen Theater : type & DMX traits: Elation SIXPAR 100 >> Mid Range PAR uitleen Theater type & DMX traits: 5PXHEX

6 channels: Red Green Blue White Intensity Prog	6CH_Eurolite_RGBWIP.tox	Eurolite Basic PAR uitleen theater manual & dmx traits : Eurolite
7 channels: Red Green Blue White Amber Uv Master Dimmer	7CH_Par_RGBWAUI.tox	High End PAR uitleen Theater : type & DMX traits: Elation SIXPAR 100 Mid Range PAR uitleen Theater type & DMX traits: 5PXHEX >>

14 channels (see Briteq manual)	Moving_Head_Briteq_BT_W19L10ZOOM_14ch.tox Moving_Head_Ayra_ero406.tox	 Briteq BT-W19L10 Zoom (uitleen Oudenoord) WASH, type & DMX traits BT-W19L10 Ayra Ero406 WASH (not in HKU but cheap at BaxShop)

Easy DMX_Out for Artnet (use a merge to connect multiple fixtures, dive in & adjust de DMX out to use another interface)

dmx_out_Artnet.tox

Patch for the Blackbox @ Janskerkhof (to connect with OSC via ipad)

Check out the WLED page to connect TD to LEDstrips

Controlling Ledstrips with WLED (from Touchdesigner)

WLED is one of the most popular packages

for controlling LED
strips with, or example, the WS2812B through cable & wifi.

The software also supports some other types, such as the WS2811 and WS2815, both on 12 volts. The first step is to flash the software on, for example, an ESP32.

website: https://kno.wled.ge/

community: https://wled.discourse.group/

Wled aansturenWl

https://www.youtube.com/embed/exAWzMfmwQ8

Wled & Touchdesigner:

https://www.youtube.com/embed/R3U0_gic4fE

Here's a preset for Touchdesigner WLED.tox

https://github.com/fieldOfView/WLED-video : A tool to stream video to WLED matrix displays

https://github.com/BradyMeighan/WLED-Studio : A Python application to stream videos, images, and animations directly to your WLED-powered LED video wall.