

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>




Sometimes, the DMX Out in TD won't work. Solution: adding dummy channels to the universe, so all 512 get 'a signal'

[This tox](#) should work. Choose Serial/Artnet (then also set artnet adres, preset = Blackbox JK)

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

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

<p>14 channels (see Briteq manual)</p>	<p>Moving Head Briteq BT_W19L10ZOO M_14ch.tox</p> <p>Moving Head Ayra_ero406.tox</p>	  <p>Briteq BT-W19L10 Zoom (uitleen Oudenoord)</p> <p>WASH, type & DMX traits BT-W19L10</p> <p>Ayra Ero406 WASH (not in HKU but cheap at BaxShop)</p>
<p>16 channels</p>	<p>MH Varytec 340FX_16ch.tox (visualizer under construction!)</p>	 <p>https://www.manualslib.com/manual/2561032/Varytec-Hero-Wash-340fx-Rgbw-Zoom.html</p>

Example patch how to use tox files:

[licht TD.toe](#)

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

Revision #3

Created 2025-03-21 09:28:02 UTC by Astrid

Updated 2025-03-21 09:29:35 UTC by Astrid