

The TDC Burst 6 is equipped with several working modes, each with its own advantages. For simple events there are stand-alone modes, for advanced situations there are options to create synchronized lightshows, or controlled with a DMX-512 controller. A short description for each mode can be found below:

**Auto:**

Automatic lightshow with a pre-programmed internal show, on a pre-defined speed.

**Sound:**

Automatic lightshow with a pre-programmed internal show, on the beat of the music, thanks to an internal microphone which senses the beat of the music and will change a step every time a beat is detected.

**Slave:**

In master/slave mode, it is possible to link several TDC Burst 6 fixtures together, to create synchronized lightshows in the Auto or Sound mode. The first fixture in the chain needs to be set in the Auto or Music mode. All the next fixtures need to be set to Slave and will mimic the behavior of the first fixture. The master/slave function requires XLR – XLR cables (not included).

**DMX:**

The TDC Burst 6 can be connected to a DMX-controller with standard XLR – XLR cable. While doing so, a DMX-terminator must be connected to the last fixture, at the end of the DMX-chain. This prevents reflections in the DMX-signal, which could cause flickering and unwanted behavior from your intelligent fixtures.

A DMX terminator is a XLR connector with a resistor of 120 Ohm, placed between pin 2 and 3 as a bridge.

With the following channel assignment, it is possible to control the TDC Burst 6:

CH1	0 1-255	Black out Dimmer
CH2	0 1-255	Black out Red dimmer
CH3	0 1-255	Black out Green dimmer
CH4	0 1-255	Black out Blue dimmer
CH5	0-15 16-255	Black out Strobe, slow to fast
CH6	0 1-255	Black out RGB color mixation
CH7	0-127 128-255	Adjust motor Motor move forward and back,slow to fast
CH8	0-127 128-255	Sound off Sound on