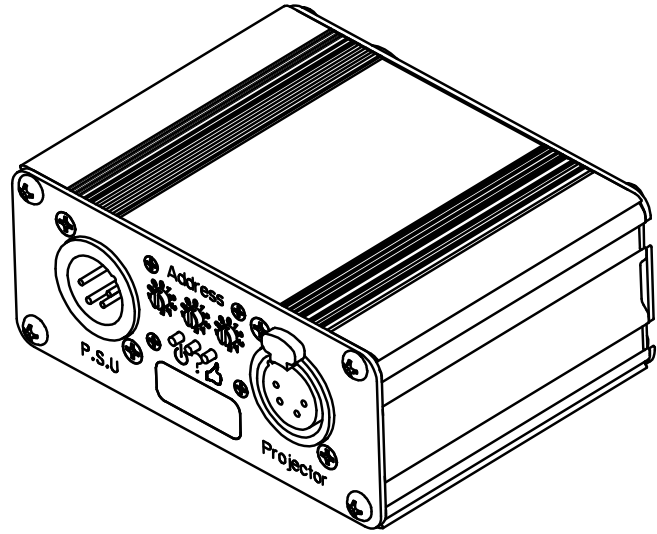


DMX Interface User Manual

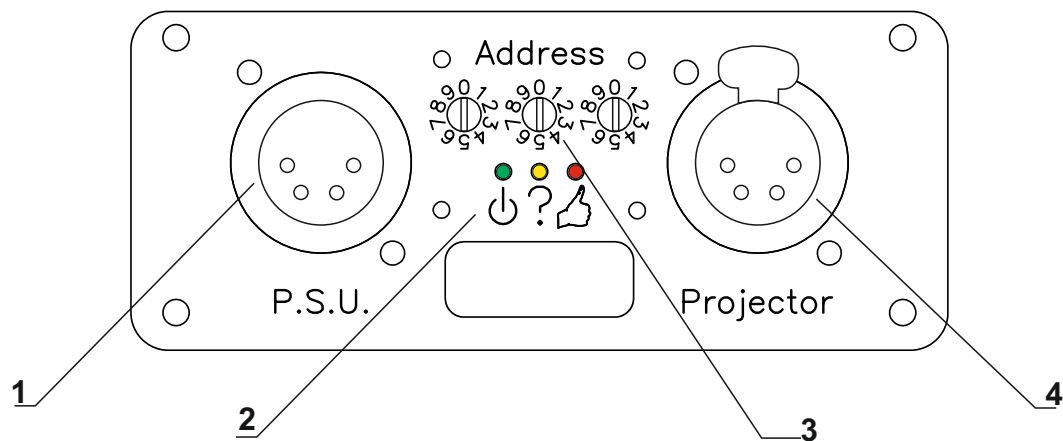
for GoBoPro+ and GoBoPro FX Projectors



Product Overview



Product Size: 108.5 x 45 x 80mm / 4.27 x 1.77 x 3.15 inches
Product Weight: 250g/ 055 lbs



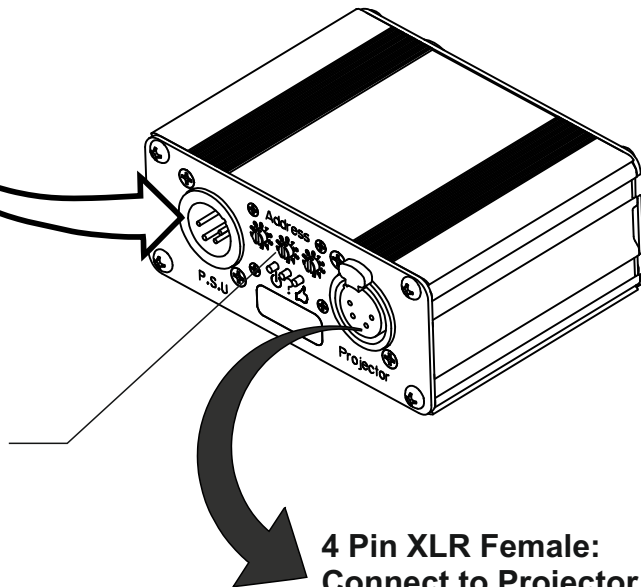
Front Panel Display

1. XLR 4 Pin Input from 28V Power Supply Unit.
2. LED indicators, from left:
 - Green: ON/OFF
 - Yellow: Error
 - Red: Connection Established.
3. Address Switches
4. XLR 4 Pin Output to Projector.

Product Connectivity

Front of DMX box

28V Power in

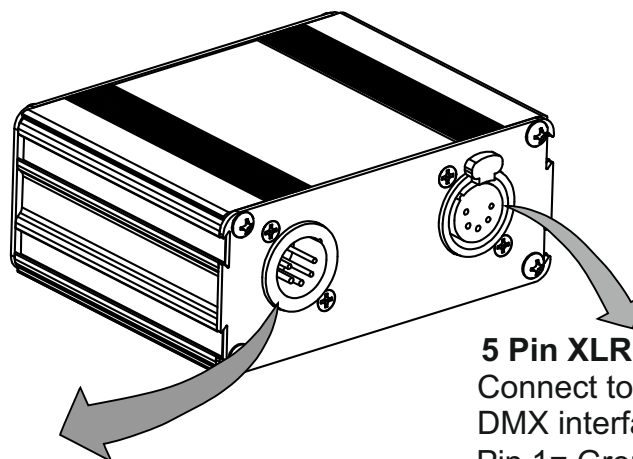


The 3 rotary switches select the DMX base address.
An address of 001 for example the projector would use DMX address 1 and 2, an address of 100 would be address 100 and 101.

**4 Pin XLR Female:
Connect to Projector**

Pin 1= Gnd
Pin 2 = 25V
Pin 3= Data
Pin 4 & 5= NC

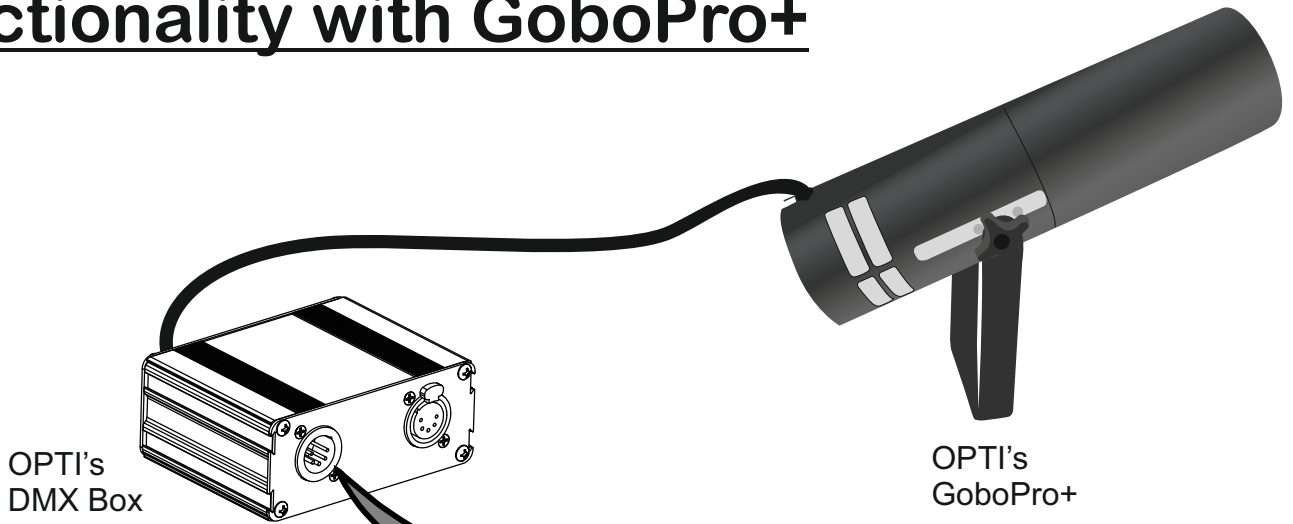
Back of DMX box



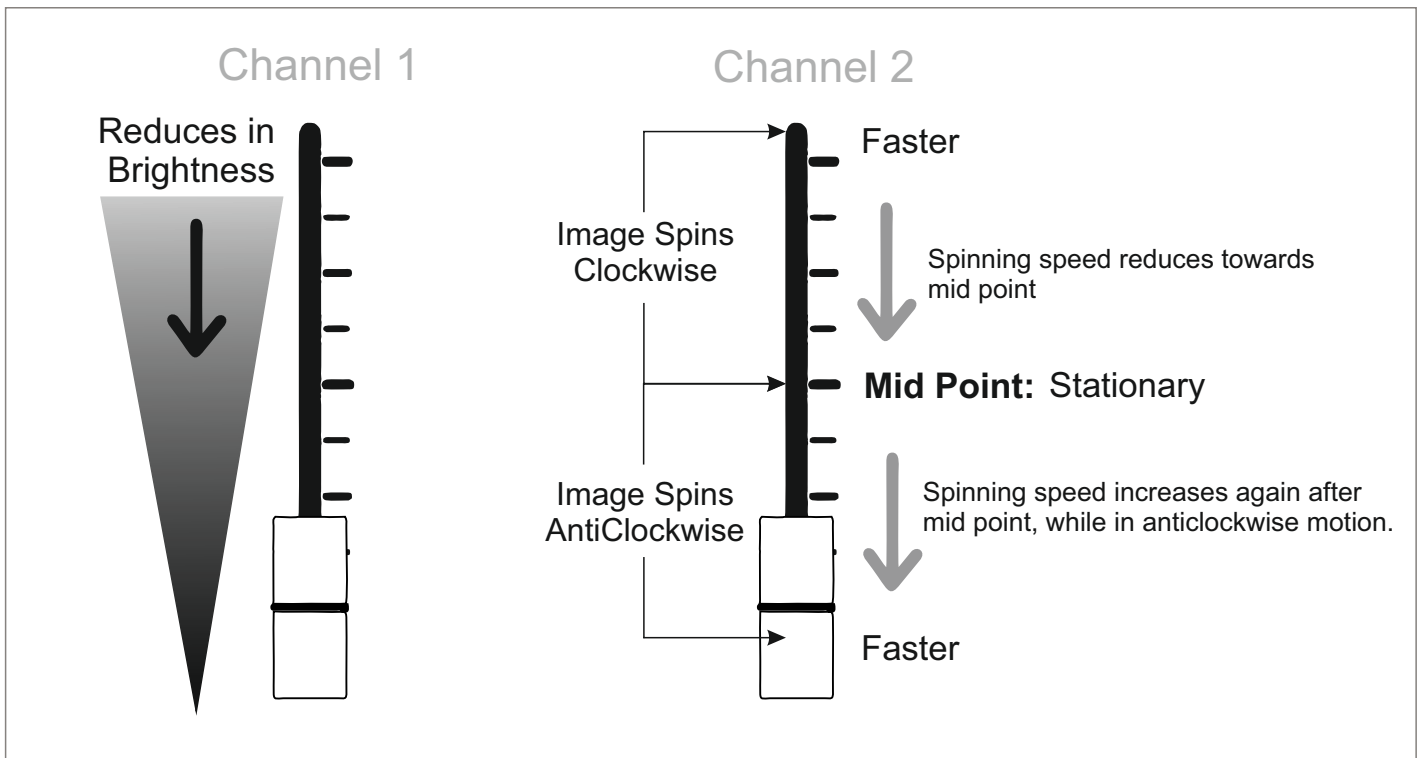
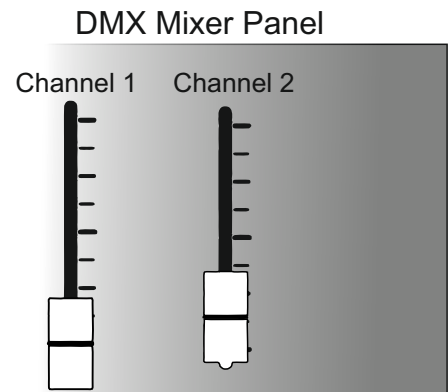
5 Pin XLR Male:
Connect to DMX Mixer Controller
Pin 1= Ground
Pin 2 =Data (Positive)
Pin 3= Data (Negative)
Pin 4 & 5= optional secondary data link

5 Pin XLR Female:
Connect to additional DMX interfaces.
Pin 1= Ground
Pin 2 =Data (Positive)
Pin 3= Data (Negative)
Pin 4 & 5= optional secondary data link

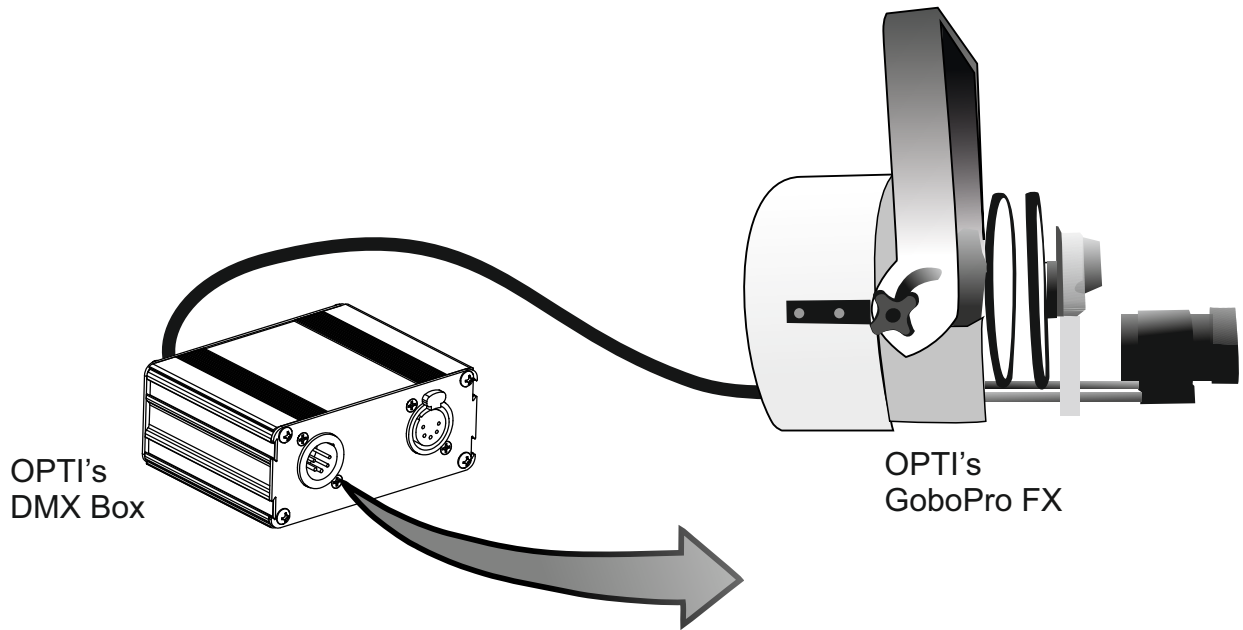
Functionality with GoboPro+



Once, all connections are established, two channels are required for dimming and motor controls respectively. A single channel is used both for direction and speed of rotator. When encoder slides to mid position, image stops spinning. The speed is also gradually reduced as encoder approaches the mid point. Once encoder passes midpoint, image starts spinning in the opposite direction while the speed of rotation gradually increases as the encoder slides to end position. See illustrated figure below.

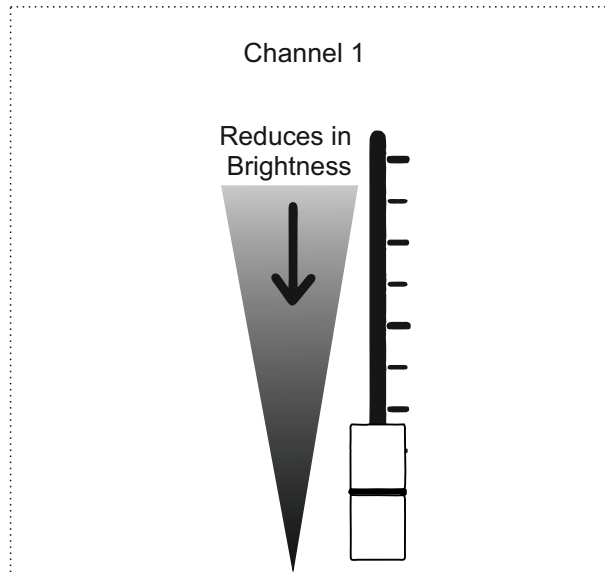


Functionality with FX



DMX with the GoboPro FX only operates the dimming effect, due to the projector's ability to use Variable Speed Rotators, motor speed control is not controlled by the DMX in this application, but instead via the Rotator cards.

DMX Mixer Panel



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