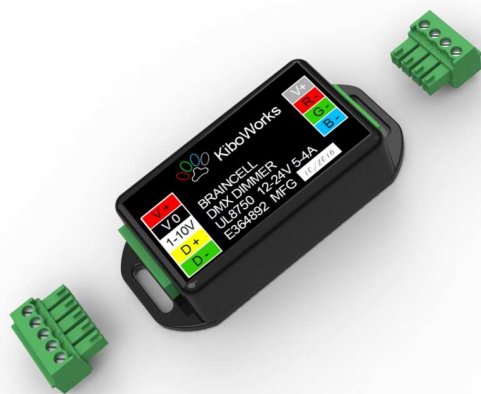




THE BRAINCELL PWM LED DIMMER



Affectionately called the BrainCell. This unit will accept DMX512, 0-10V, or Fiber DMX data and output 3 independent channels of pulse width modulated signals with a common class 2 V+. Advanced features include special ordered built in effects selected by a button.

For the theatrical install the BrainCell uses Gamma dimming to ensure the LED product can display the full spectrum of color without a sudden jump in brightness from 0 to the value of 1. Ideal for stage lighting which must transition from darkness to a hint of color, unlike traditional dimmers.

The 0-10V signal dimming is linear on all three outputs, without a drop off at 10-20% like other dimmers. In addition one output is inverted to support warm cool white light mixing with a single 0-10V slider.

The onboard push button switch makes addressing simple. Simply send white on the DMX address or channel you wish the unit to adopt, it will assume that address. It's small size allows for easy placement into junction boxes or simply tuck out of view. Pluggable terminal blocks eliminate specialized tools or connectors. Compatible with most 12-24V RGB LED tapes, LED strips and fixtures.

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KiboVision

We do what others find impossible.

Features

- DMX512, Fiber, 0-10V protocol inputs
- Custom protocols are possible by request
- Single button switch to set addressing
- Gamma brightness included
- 4 and 5 Contact pluggable connectors
- Screw Terminal connectors
- 0-10V Source provided by Braincell
- Pulse Width Modulated Outputs
- Internally fused, but power passes through
- 0-10V to DMX conversion

Plastic Inexpensive Fiber Version

- Fiber can route with AC conductors in conduit
- Plastic Optical 1mm fiber, 660nm
- 100m length for plastic fiber
- Versa Link POF Cable and connectors
- Fiber can be cut and connected in the field

Specifications

- 60-80mm x 35mm x 20mm box
- Less than 60 grams
- 6-30DCV @ 5 amp class II max though current
- PVC black plastic housing
- UL8750 Class 2
- Max conductor size 16 gauge

Ordering Information

- PN 000-000-450 DMX, 0-10V, RGB
- PN 000-000-451 FIBER DMX RGB
- PN 000-000-452 DMX TO FIBER
- PN 000-000-452 0-10V DIMMER
- Specify Custom Configurations

TeamKibo Distributors

- WWW.SGFNYC.COM
- WWW.OPTICARTS.COM
- WWW.MAG_LED.COM
- WWW.ALFACTO.COM

700-100-040

