DMX 0-10V and RGB
Standalone and Network
Dimmer

Kibo|Braincell

Braincell Types

- DMX input to RGB output
- DMX Fiber slave input to RGB output
- 0-10V Input to mixer and dimmer output
- DMX input to DMX Fiber master
- 0-10V input to DMX mixer and dimmer output

Kiboworks Braincell

The Braincell is a multi-platform control solution which accepts DMX512, 0-10V, or Fiber DMX data and output 3's independent channels of pulse width modulated signals with a common UL class 2 (<100 Watt) V+.

The KiboWorks Braincell has a number of advanced features which include special built in effects that can be selected by a button on the front of the Braincell. DMX brightness compensation allows DMX brightness to be adjusted depending on the fixture brightness, allowing fixtures of differing brightness to be adjusted without the need of reprogramming the DMX sequence, this allows one fixture 100% brightness at 100% DMX and a second fixture at 50% brightness with 100% DMX. DMX brightness compensation can be set during DMX addressing.

KiboWorks braincell has been designed for both architectural and entertainment lighting applications, in theatrical installations the BrainCell uses Gamma dimming to ensure the LED product can display the full spectrum of color without any 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.

KiboWorks
Custom LED Technology

KiboWorks Custom LED Technology.
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KiboWorks products are custom designed and manufactured to project order or tenders.

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KiboVision, KiboMenu,
The Translator
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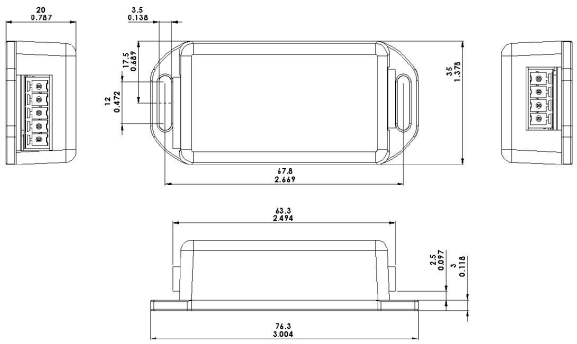
DMX 0-10V and RGB Standalone and Network Dimmer

Kibo|Braincell

Physical	
Housing	Plastic Enclosure
Material	PVC Black Plastic
Overall Dimensions	20mm (H) x 35mm (W) x 77mm (L)
Mounting	2x M6 screw mounting slots
Electrical	
Power Input	12/24 Vdc
Power Output	12/24 Vdc
Wattage	12Vdc 60 Watts/24Vdc 90 Watts
Environmental	
Operating Temperature	0°C to 40°C
Operating Relative Humidity	90% Non-Condensing
IP Rating	IP20 Dry location use only
Certification	UL
Cooling	Convection
Warranty	5 Year
Control	
DMX Input	RGB Output
DMX Fiber slave Input	RGB Output
0-10V Input	Mixer and dimmer Output
DMX Input	DMX Fiber master
0-10V Input	DMX mixer and dimmer Output
Configuration	Set DMX Address
	Set Max Brightness
	Set DMX Termination
	Set 0-10V Mode
Isolation / Protection	
Isolation	DMX Output - Ground Referenced
Interface / Indication	
Connections	Pluggable Terminal Block, 5 contacts 3.5mm
Indication	Config, Receive Data, Transmit Data

Braincell Size



Braincell Fiber

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DMX 0-10V and RGB Standalone and Network Dimmer

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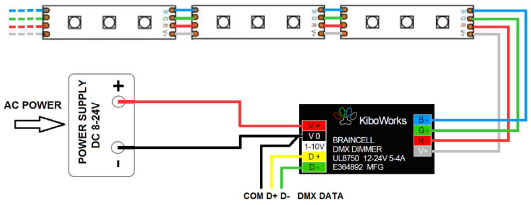
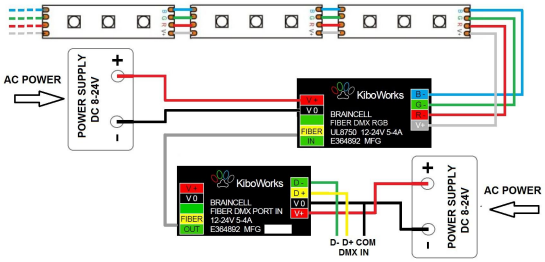
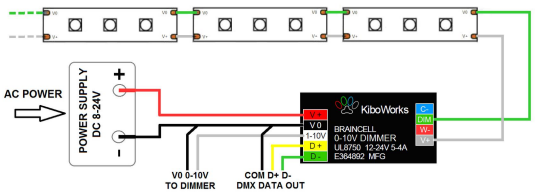
DMX Input to 3 Channel RGB Output



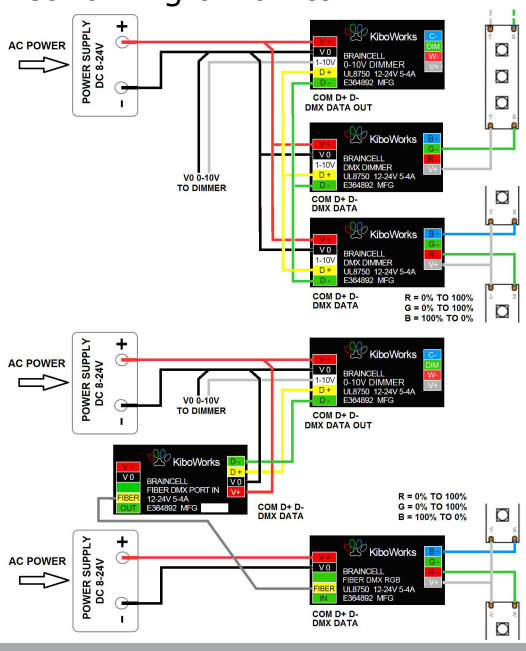
DMX Input to Fiber link to RGB Output



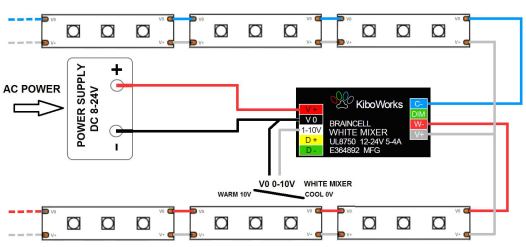
0-10V Input to Dimming Output



Networking 0-10V to DMX



0-10V Input to Tunable White Output



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