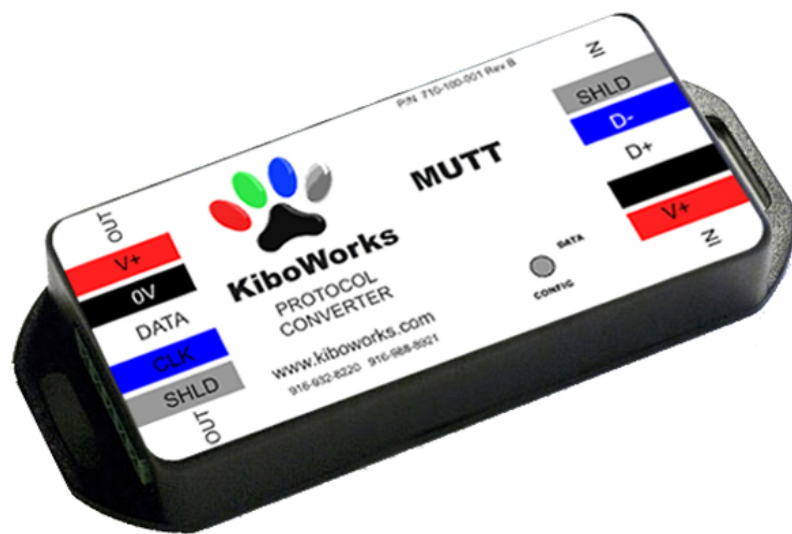




Stream and DMX Protocol Converter
 Siti DM412|621|414 | Macroblock MBI6024
 |6030|WS2801 LED products.

Kibo|Mutt



Kibo Mutt

Affectionately called the Mutt. The unit will accept DMX512 or Stream serial data from a RS485 network and convert to a variety of LED addressable driver protocols commonly used in video displays, LED dots on wires, LED tapes and more.

The onboard dip switch makes addressing simple. It's small size allows for easy placement into junction boxes or simply tuck out of view. Pluggable terminal blocks makes installation normal by eliminating specialized tools. For the theatrical installer this unit supports a variety of gamma tables to ensure the LED product can display the full spectrum of color even when stage lighting is at minimum levels.

Advanced features include color correction per pixel, color adjustment per string or tape. In addition pixel duplication, addressing and built in test patterns makes this unit far more useful than existing products. The built in KiboMenu serial interface does not require specialized or costly software because it is free. This design ensures each unit regardless of version has the correct software and features.

Features

- DMX512 and Serial RS485 protocol input
- Dip switch and menu pixel addressing
- Artnet compatible with Artnet LAN interface
- Earth shield for solid grounding from EMI
- Serial terminal mode menu configuration
- Five gamma correction options
- Variety of LED driver protocols
- Built in test patterns and effects
- Per LED pixel color correction
- Per String or Tape color adjustment
- Pixel data grouping or multiplier
- Baud rate adjustment to increase bandwidth
- 8bit input 8-16 bit output conversion



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Mechanical

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 6-30DCV @ 5 amp class II max though current
 Power Output 6-30VDC
 Input Connector Pluggable Terminal Block, 5 contacts 3.5mm

Environmental

Operating Temperature 0°C to 40°C
 Operating Relative Humidity 90% Non-Condensing
 IP Rating IP20 Dry location use only
 Certification CE
 Cooling Convection
 Warranty 3 Year

Control

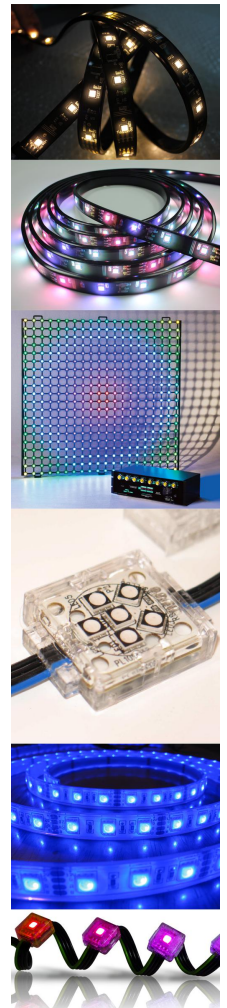
Control Bandwidth 1 Universe DMX
 DMX Addresses 512 (170 RGB Fixtures)
 Input Protocols DMX, and Stream (ArtNet compatible with ArtNet LAN interface)
 Input Connector Pluggable Terminal Block, 5 contacts 3.5mm
 Output Protocols Siti, MB, SAMHOP, WS2801
 Output Connector Pluggable Terminal Block, 5 contacts 3.5mm
 Configuration Internal Dip Switch
 IP Address
 Output Protocol per Universe
 5 Gamma Correction options
 Built in test patterns and effects
 Per String or Tape color adjustment
 Pixel data grouping or multiplier
 8bit input 8-16 bit output conversion
 Variable Baud Rates 240kb, 230kb, 115kb

Isolation / Protection

Isolation DMX Output - Ground Referenced

Interface / Indication

Connections Pluggable Terminal Block, 5 contacts 3.5mm
 Indication Config, Receive Data, Transmit Data



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