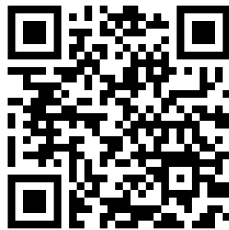


DMX Splitter

Quick Start Guide

Version 1.0

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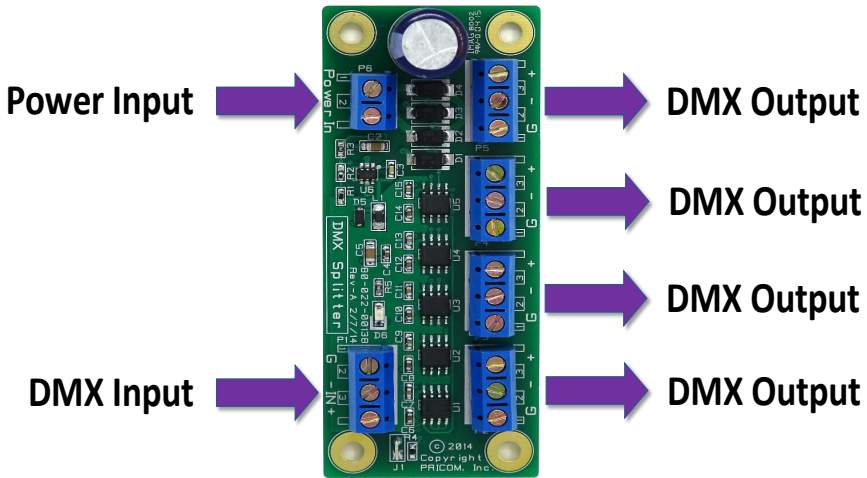


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1 Operation

Thank you for your purchase of a DMX Splitter. The DMX Splitter is designed to take a single DMX-512 input and create four individually buffered DMX-512 outputs. The DMX Splitter needs to be powered by an external 12VDC to 24VDC @ 1A power source. The DMX Splitter can be mounted using the 4 provided mounting holes, or the optional mounting bracket. Please be careful not to tighten the mounting screws to much as that could damage the board or mounting bracket.

The following diagram illustrates the connections.



The DMX Splitter is one-way-only, meaning it will only transmit DMX packets, and cannot return Remote Device Management (RDM) packets.

The DMX Splitter is NOT Optically Isolated.

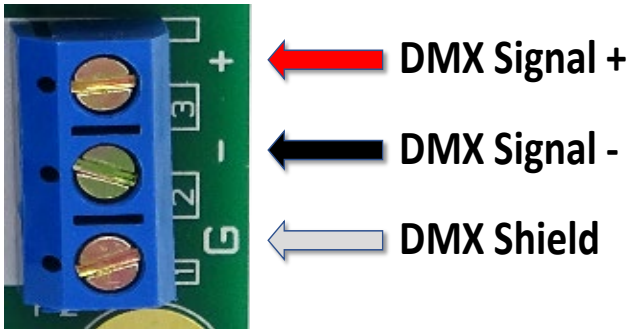
If you need RDM or Optical Isolation, please check our web site for our other DMX products.



2 Connections

Start by connecting the Power Supply to the Power Input terminal strip. The DMX splitter contains a built-in rectifier circuit, so input power polarity is not important. If the power source is connected, a Blue power LED will illuminate.

Since DMX-512 is a balanced line signal, each DMX input and output needs a 3-wire connection, Ground, Positive (+) and Negative (-).



The DMX Input has a built-in terminator. If you wish to remove the integrated termination, simply clip the jumper wire loop labeled “J1” near the DMX input terminal strip.

Multiple DMX Splitters can be connected together to achieve more than 4 DMX outputs. Simply connect the DMX input signal to as many DMX Splitters as you need. Be sure to clip the J1 terminator jumper on all but the last DMX Splitter board.

Each DMX Output driver chip has built-in over-current protection, but care should be taken to make sure you don't short-circuit the outputs or the ends of any attached cables. Removing the input power while wiring any inputs or outputs is a good way to help prevent component failure.



3 Support

If you are considering a more elaborate application, or need additional assistance, don't hesitate to contact us at: support@pricom.com. We would be happy to work with you to achieve your project expectations and goals.

You can also visit our web site: www.pricom.com or visit www.BobsBench.com for many interesting product applications.

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