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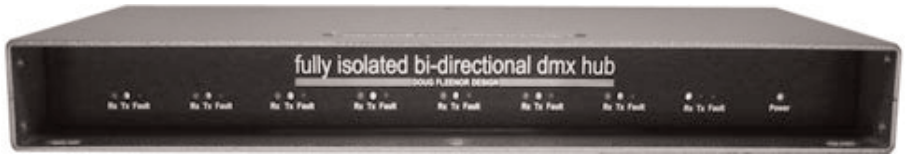
Network Connectivity -
Optosplitter: one input seven outputs bidirectional

Doug Fleener Designs Fully Isolated Bi-Directional DMX Hub



The DMX Hub offers isolation and signal buffering for bi-directional (RDM) communication on a single pair of wires using pins 2 and 3 of a traditional DMX512 data link. The hub differs from an opto-splitter in that any of the eight ports can receive data, with the seven remaining ports re-transmitting that data.

Each of the eight ports offers fully bi-directional optical isolation, fault protection to ±60V, and transient protection to ±15KV. The DMX hub is protocol independent, and currently supports equipment from High End Systems.

Other features include a universal power supply, optional terminal block connectors, gold plated XLR connectors (Neutrik), and a rugged tabletop, truss, or rack mountable enclosure.
Port circuit: EIA-485 transceiver with 120 ohm fail safe termination between +Data and -Data
Input signal: 0.2 volts minimum, 12 volts maximum
Output signal: 1.5 volts (minimum) into 120 Ohm Termination
Connectors: Gold plated 5 pin XLR (typically one male, seven female),
Terminal Blocks Optional
Port protection: ±60V continuous, ±15KV transient
Isolation: 600 volts
Power input: 100 to 240 VAC 50/60 Hz, ½ Amp
Color: Front, Back: Black
Top, Bottom, Sides: Silver Hammertone
Size & Weight: 6.5" deep, 1.7" high, 16.5" wide 4.5 pounds

RDM

ORDERING INFORMATION

Ordering Number: 65-OSU04-001-00

Applications
- RDM distribution
- For medium to large projects

Specification sheets are subject to change without notice. For the most recent version, please refer to www.ilight-tech.com.

Product Application
Hypnotica iS