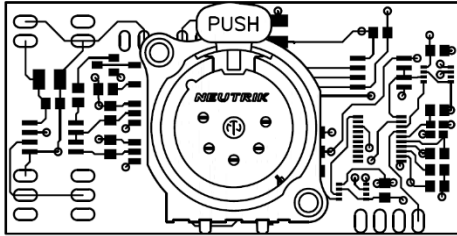


DMXLynx Isolated Data Port



DMXLynx is an active DMX-512A/RDM Data Port with an isolated output. With each device acting as a single port splitter, DMXLynx Data Ports provide reliable, "legal" DMX T-Taps. Multiple DMXLynx can be connected in a "daisy chain" of up to (32) Data Ports.

The female 5-Pin XLR Connector on the face of each DMXLynx outputs a new DMX/RDM homerun optically isolated from the source.

Typical applications include dedicated DMX outputs for each power receptacle in a connector strip or other applications where it is desirable to T-Tap individual branches from a single DMX/RDM data line.

FEATURES

- Single Port DMX/RDM Isolator providing taps or branches along a DMX/RDM Homerun.
- Industry Standard DMX-512A/RDM output. Full RDM support for up to (3) cascaded levels of DMXLynx.
- Up to (32) DMXLynx Data Ports can be daisy chained with appropriate power supply and wiring.
- The output of each DMXLynx will support a DMX/RDM Homerun of up to (32) devices.
- Active device, powered by a Class 2 5vDC power source.
- Rugged, industry standard Neutrik 5-Pin XLR panel mount connectors with standard A-Chassis spacing and mounting.
- Devices on both sides of the DMXLynx are protected by port and ground isolation.
- Plug-and-play operation. No configuration required.
- Port-to-port "LynxChain" wiring via easy to install MTA100 IDC connectors.

CAPACITY

- Up to (32) devices/ unit loads per DMXLynx Data Port output (5-Pin XLR).
- Up to (32) DMXLynx per LynxChain "daisy chain" of the thru of one data port to the input of another using appropriate power supplies and wiring.
- DMXLynx may be cascaded (5-Pin XLR output of one Port to the input of another) up to (3) levels with full RDM support.

MECHANICAL

- Panel mounted 5-Pin Female XLR with attached signal distribution PCB.
- Neutrik standard A-Chassis XLR Mounting.
- Horizontal spacing 2-1/2" center to center between data ports.
- Vertical Spacing 1-1/2" center to center between data ports

ENVIRONMENTAL

- 14° TO 113° f Operating Temperature
- 5 to 95% Humidity (non-condensing)
- Passive Convection cooled

ELECTRICAL

- Power input 5vDC 100mA per data port

Parlights, Inc.

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Frederick, MD 21701

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DMX-512 PORT PROTECTION

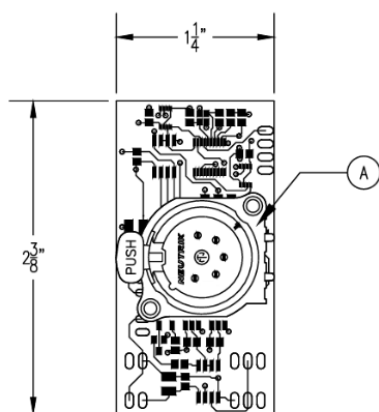
- 1000vAC port-to-port isolation
- Ungrounded and isolated from ground

SUPPORTED STANDARDS

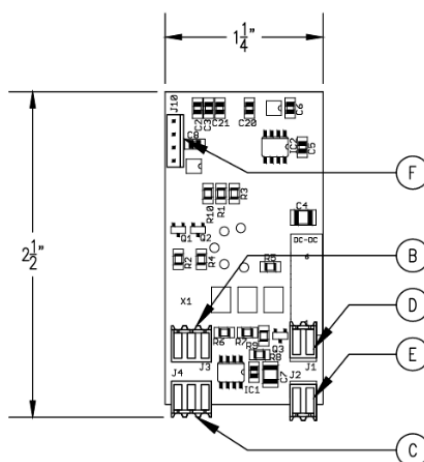
- ANSI E1.11-2008 (R2013) - USITT DMX-512A
- ANSI E1.20-2010 - RDM
- ANSI E1.27-1-2006 (R2011) Portable Control Cables

ORDERING INFORMATION

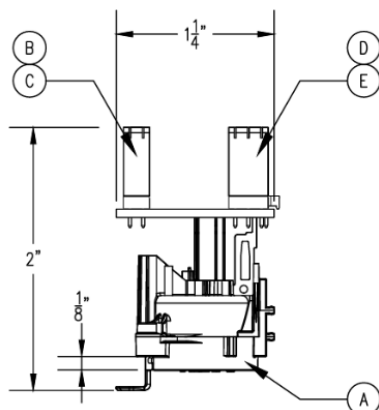
Part #	Description
PLVLUDMX007	DMXLynx Data Port, 5-Pin XLR Female Panel Mount with PCB. Includes Active splitter for XLR DMX Output. DMX Input and Thru via rear mounted IDC Connectors. Requires 5vDC Class 2 Power Source.



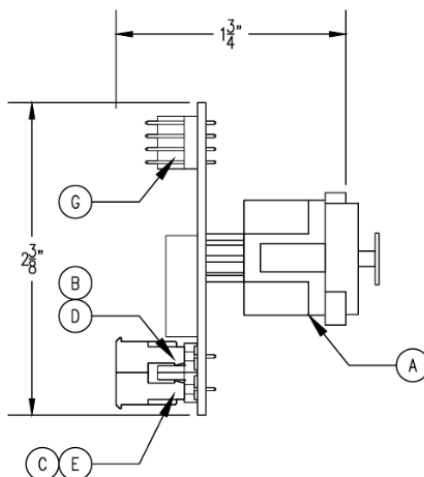
FRONT VIEW



REAR VIEW



TOP VIEW



SIDE VIEW

- (A) ISOLATED DMX512A/RDM OUTPUT CONNECTOR. NEUTRIK #NC5FAV 5-PIN XLR PANEL MOUNT CONNECTOR (A-CHASSIS SHAPE). MOUNT TO DEVICE OR RECEPTACLE PLATE USING NEUTRIK #A-SCREW-1-8.
- (B) DMX-512A/ RDM INPUT HEADER (J3). TE CONNECTIVITY #640442-3 (BLUE) 3-POSITION MTA100 IDC CONNECTOR. NOTE J3 AND J4 HEADERS ARE PHYSICALLY REVERSED WHEN WIRING.
- (C) DMX-512A/ RDM THRU HEADER (J4). TE CONNECTIVITY #640442-3 (BLUE) 3-POSITION MTA100 IDC CONNECTOR. NOTE J3 AND J4 HEADERS ARE PHYSICALLY REVERSED WHEN WIRING.
- (D) 5vDC POWER INPUT HEADER (J1).
 • TE CONNECTIVITY #3-640440-2 (RED) 2-POSITION MTA100 IDC CONNECTOR FOR #22AWG OR
 • TE CONNECTIVITY #640442-2 (BLUE) 2-POSITION MTA100 IDC CONNECTOR FOR CAT5.
 NOTE J1 AND J2 HEADERS ARE PHYSICALLY REVERSED WHEN WIRING.
- (E) 5vDC POWER THRU HEADER (J2).
 • TE CONNECTIVITY #3-640440-2 (RED) 2-POSITION MTA100 IDC CONNECTOR FOR #22AWG OR
 • TE CONNECTIVITY #640442-2 (BLUE) 2-POSITION MTA100 IDC CONNECTOR FOR CAT5.
 NOTE J1 AND J2 HEADERS ARE PHYSICALLY REVERSED WHEN WIRING.
- (F) FIRMWARE UPDATE HEADER (J10). TE CONNECTIVITY #3-640440-4 4-POSITION MTA100 IDC CONNECTOR, RED. NO MATING CONNECTOR SUPPLIED WITH DEVICE.

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