



Performance Controls

8-Way DMX Isolator

Features:

- Provides optically isolated distribution of USITT DMX-512 control signals
- Double-isolated. Breakdown of any individual optical isolator will not affect isolation between connections.
- Provides signal consistency
- Provides 1500 Volt isolation with internal optical isolators
- Incorporates 8 fully isolated outputs
- Extends data transmission capacity
- Static, surge and short circuit protection are insured with the isolator.
- Data LED to indicate reception of DMX-512 signal.
- Power Error Indicator lights when there is excessive voltage on DMX data lines.
- Single-height, nineteen inch rack-mount configuration.
- Standard 5-pin XLR-type input/output connectors.
- Input power is provided via 120 Volts AC, 60Hz input. Internal protection is provided.
- On/off switch with pilot light.

FRONT VIEW



REAR VIEW



General Information

Description:

The 8-Way DMX Isolator provides an optically isolated buffer between the control console and the dimmer bank. The unit provides signal consistency over extended runs. Eight outputs allow multiple DMX devices to be connected and controlled from a single console.

In the event of a failure in either the console or the dimmers, the DMX Isolator will prevent voltage from feeding between the devices, limiting possible damage.

The 8-Way DMX Isolator comes with a lifetime limited warranty.

Physical Characteristics:

19"L x 8"D x 1 3/4"H (48.2cm x 20.3cm x 4.5cm)

Installation:

Install the 8-Way DMX Isolator in a protected place.

Do not expose unit to the elements.

Connect the unit to a 120 VAC outlet.

Operation:

Connect the control console to the DMX-IN connector.

Connect the dimmers to the DMX-OUT connectors.

The DMX data LED will flash when data is being received from the console.

NOTE: The DMX indicator output is separate from the indicator. If the output of the isolator is shorted, the DMX indicator may still flash showing the data.

Power Error Indicator:

The power error indicator will light if there is a voltage potential greater than 75 volts on the DMX input or output connectors.



IF THE POWER ERROR INDICATOR IS GLOWING, DO NOT TOUCH ANY METALLIC PART OF THE CONSOLE, CABLES, DIMMER EQUIPMENT, OR ITEMS CONNECTED TO THEM. DISCONNECT POWER IMMEDIATELY AND REFER SERVICING TO A QUALIFIED ELECTRICIAN.

Service:

There are no user-servicable parts inside the DMX Isolator.

If service is required, return to Electronics Diversified, or any authorized EDI service center.

Order Information:

- 8-way DMX Isolator
- Single DMX Isolator (see reverse)

JOB NUMBER:

APPROVAL STAMP

JOB NAME:

CUSTOMER:

P. O. #

Electronics Diversified, Inc.

PRODUCT DATA SHEET

1675 N.W. Cornelius Pass Road ● Hillsboro, Oregon 97124 U.S.A.

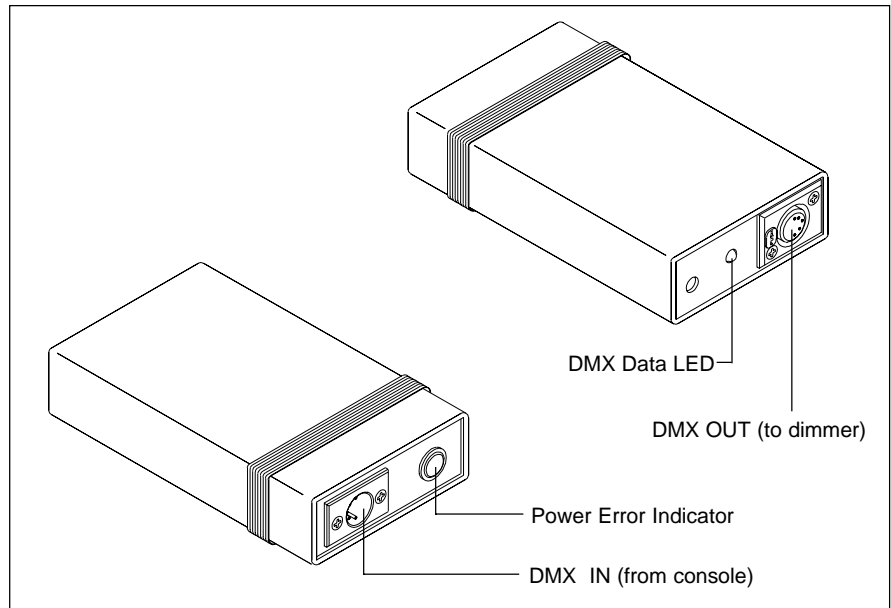
P501

Phone: (503) 645-5533 ● FAX: (503) 629-9877 ● Web Site: www.EDIOne.com

Features:

- Provides 1500 Volt isolation with internal optical isolators
- Static, surge and short circuit protection are insured with the isolator.
- Data LED to indicate reception of DMX-512 signal.
- Standard 5-pin XLR-type input/output connectors.
- Power Error Indicator lights when there is excessive voltage on DMX data lines.
- Self-contained 9 volt DC wall mount power supply.
- Limited lifetime warranty.

Single DMX Isolator



General Information

Description:

The Single DMX Isolator provides an optically isolated buffer between the control console and the dimmer bank.

In the event of a failure in either the console or the dimmers, the DMX Isolator will prevent voltage from feeding between the devices, limiting possible damage.

The DMX Isolator comes with a lifetime limited warranty.

Physical Characteristics:

6¹/₈"L x 3⁵/₈"W x 1⁵/₁₆"H
(15.5cm x 9.2cm x 3.3cm)

Installation:

Install the Single DMX Isolator in a protected place.

Do not expose unit to the elements.

Connect the unit to a 120 VAC outlet.

Operation:

Connect the control console to the DMX-IN connector.

Connect the dimmers to the DMX-OUT connectors.

The DMX data LED will flash when data is being received from the console.

NOTE: The DMX indicator output is separate from the indicator. If the output of the isolator is shorted, the DMX indicator may still flash showing the data.

Power Error Indicator:

The power error indicator will light if there is a voltage potential greater than 75 volts on the DMX input or output connectors.



IF THE POWER ERROR INDICATOR IS GLOWING, DO NOT TOUCH ANY METALLIC PART OF THE CONSOLE, CABLES, DIMMER EQUIPMENT, OR ITEMS CONNECTED TO THEM. DISCONNECT POWER IMMEDIATELY AND REFER SERVICING TO A QUALIFIED ELECTRICIAN.

Service:

There are no user servicable parts inside the DMX Isolator.

If service is required, return to Electronics Diversified, or any authorized EDI service center.