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The Chroma-Q Magic Box 8 Way DMX Buffer has been designed specifically for the professional entertainment lighting industry. Regular maintenance should be performed to ensure that the products perform well in the entertainment environment.

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For further information please visit the Chroma-Q website at www.chroma-q.com.

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Quick Start Guide

Magic Box™ 8 Way DMX Buffer



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For a full product manual please visit www.chroma-q.com

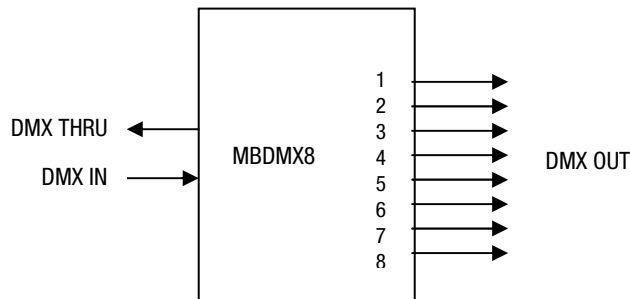
1. Product Description

The Chroma-Q Magic Box 8 Way DMX Buffer is a fault tolerant, self healing DMX buffer designed to isolate 8 XLR-5 outputs from the DMX input, through and each other.

2. Operation

1. Connect power through a fused male IEC chassis connector with input power of 100 – 240V, 50 – 60 Hz. The standard fuse is a 5x20 mm 1A Time Delay.
2. Connect input data ANSI E1.11 USITT DMX 512-A from an external source or lighting control console through a male XLR-5. A pass through connection is available on the female XLR-5.
3. Connect output data through 8 female XLR-5. Each individual output is fully protected, self healing, boosted from the original DMX signal and fully isolated from each other and the DMX input and through connections.
4. You may activate the built in DMX termination at the input if the Chroma-Q Magic Box DMX8 is the last DMX device on a control cable on your DMX line.

3. System Diagram



4. Control and Power Cables

Pin	Function
1	Ground (Screen)
2	Data Minus
3	Data Plus
4	Spare Data Minus
5	Spare Data Plus

5. Installation

Unique Magic Box interlocking enclosure facilitates easy rack mounting when used in pairs and easy truss mounting via captive nut insert. Rack mounting brackets are available in single unit and dual unit versions.

Note: for truss mounting, we recommend the use of a ½"-13UNC x ¾" long bolt to avoid damage.

6. Further Information

Please refer to the Chroma-Q Magic Box 8 Way DMX Buffer manual for more detailed information. A copy of the manual can be found at the Chroma-Q website – www.chroma-q.com – under Support.