

# DMX TO ANALOG CONVERTER

**leprecon**<sup>®</sup>  
Pro Lighting Equipment



## SPECIFICATIONS

### POWER IN

IEC Flush mounted male, power cord included. External switch for 110/220 volt operation.

### OVERCURRENT PROTECTION

Miniature fuse, 5x20mm 2 amp. Inlet contains a spare fuse.

### INPUT CONNECTOR

DMX standard 5 pin XLR female connector with a paralleled male connector for daisy-chain connection. The input signal is optically coupled for safer and more reliable operation.

### OUTPUT CONNECTORS

40 pin male ribbon cable connector carrying 36 signal lines and using pins 39 and 40 as common. Multiple connectors are used for decoders larger than 36 outputs. Mating connectors are supplied.

### ANALOG OUTPUT

Minimum output is adjustable from 0 to 5 volts. Maximum adjustable from 5 to 12 volts. Op-amp output drivers will typically source 15 milliamps.

### INDICATORS

Front panel LEDs verify the presence of power and DMX signal input.

### DMX ASSIGNMENT

External rotary switch allows the DMX starting address to be assigned in single channel increments.

### DMX DATA

Data rate:	250 Kbits/sec.
BIT time:	4.0 microsec.
Frame time:	44.00 microsec.
MAX update:	22.71 millisec.
Rate for 512 dimmers:	44.03 times per second
Standard E.I.A. rack mountable	
Height 1.75"	Width: 19.00"      Depth: 12.00"

DMX  
24

DMX  
36

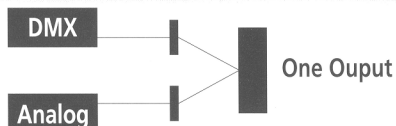
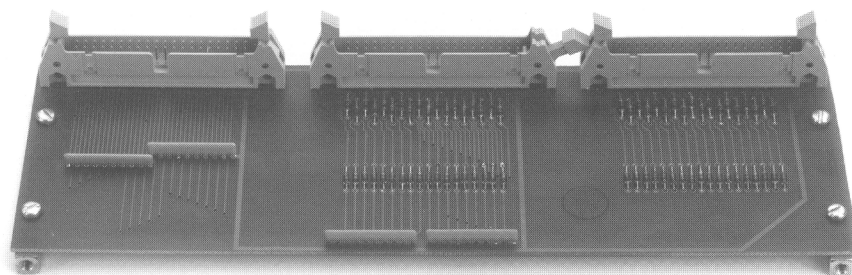
DMX  
72

DMX  
108

## CONTROL ACCESSORIES

Lighting systems are undergoing a transition from analog control signals to digital DMX-512 control. With many analog systems in place, lighting company's are upgrading their equipment and bringing them into the digital domain.

Leprecon has designed a group of control accessories to help you upgrade your existing lighting system or build a new system using DMX-512 digital technology.

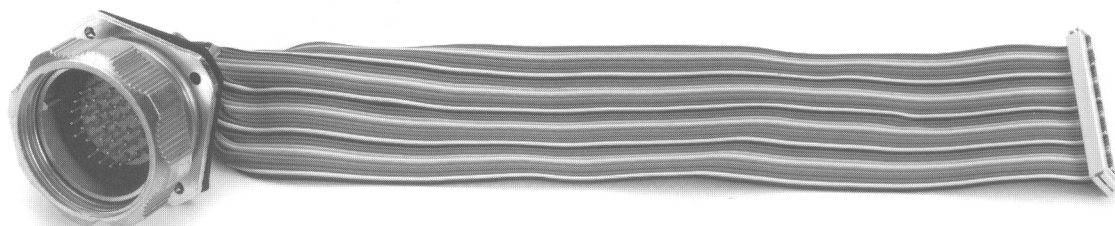


### ANALOG SIGNAL MERGER

Provides a link in-between an analog control source and the analog outputs of a DMX decoder. The Diode Protect board ensures safe and reliable operation by eliminating control signal feedback and potential damage to the digital circuitry of the DMX decoder.

Mating connectors and cable are additional.

CAE Part #72-08-0004



### CONTROL CONNECTORS

Pre-wired chassis mount connectors with 1 foot ribbon cable and 40 pin female ribbon cable connectors to mate with Analog Signal Merger, Break-Out, and Terminal-Strip control boards.

37-pin Socapex female chassis w/40 pin female connector

CAE Part #50-08-0076

37-pin Socapex male chassis w/40 pin female connector

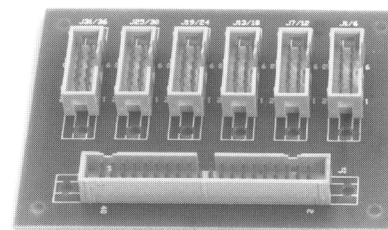
CAE Part #50-08-0075

27-pin Cinch Jones female chassis w/40 pin female connector

CAE Part #50-08-0074

27-pin Cinch Jones male chassis w/40 pin female connector

CAE Part #50-08-0071

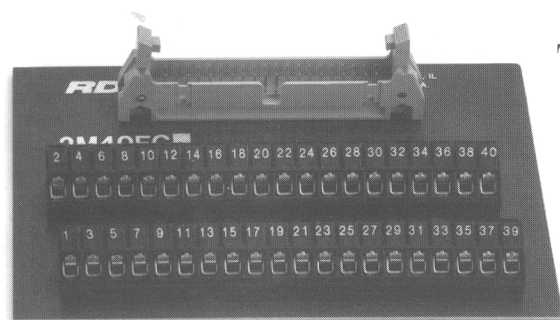


### BREAK-OUT BOARD

Single 40-pin male ribbon connector input with six 10-pin male ribbon connector outputs provides control distribution for up to 36 channels of dimming.

Mating connectors and cable are additional.

CAE Part #72-08-0003



### TERMINAL-STRIP CONTROL

Provision for up to 40 control lines via screw terminal to male 40 pin male ribbon cable connector.

Mating connectors and cable are additional.

CAE Part #07-5031 w/07-5032 Snap Track

### MATING CONNECTORS

07-0050 10 pin F. Ribbon Connector

07-4064 40 pin F. Ribbon Connector

### MATING CABLE

19-3003 10 cond. Rainbow Ribbon

19-3015 40 cond. Rainbow Ribbon

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