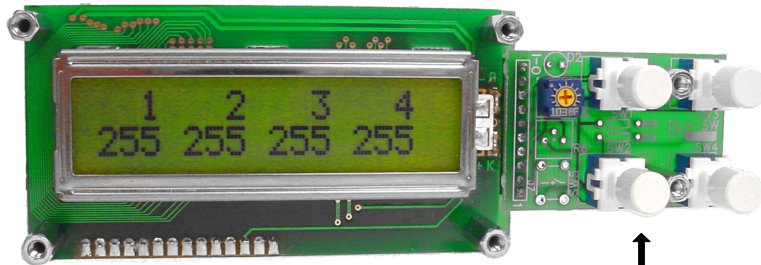


# DLA DMX DATA ANALYZER PCB Connections



ELM Video Technology, Inc.  
"Innovative Midi and DMX Products"

Front View

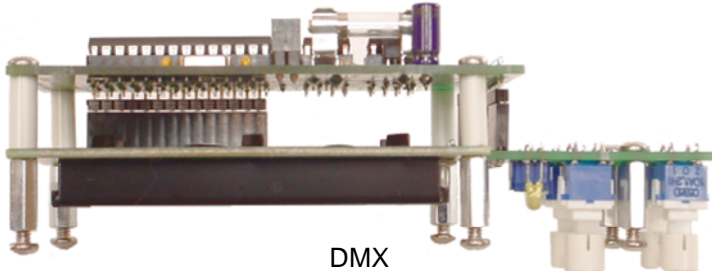


LCD 16 x 2  
2.8"w x 1"h

↑  
4 Button Board

**WARNING!**  
Damage will result if **REVERSE** or **OVER VOLTAGE** is applied to the input voltage terminals. Take great care that the Input Voltage and Ground connections are connected as marked on the PCB!

Side View



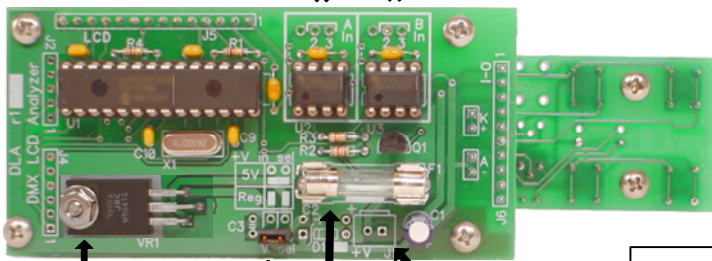
DMX Input  
A ↓ ↓  
B ↓ ↓



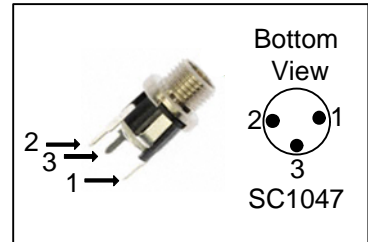
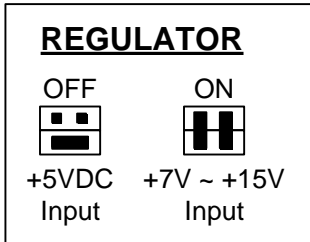
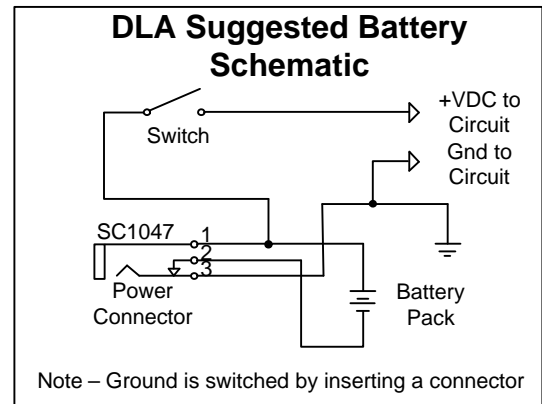
**+5VDC Power Harness**

**+7V ~ 15VDC Power Harness**

Back View



↑ +5VDC Regulator  
↑ +5VDC or +7V ~ 15V Selection  
↑ 5x20mm Fuse  
↑ +VDC Input



If +5VDC is to be connected set the jumpers to the OFF position. This will disable the regulator and the connected power source will power the PCB directly. If a power source is connected that is in the range of +7VDC ~ +15VDC then set the jumpers to the ON position.

DMX Input(s) - connect to Pins 2, & 3 of a male XLR connector  
DMX Output(s) - connect to Pins 1, 2, & 3 of a female XLR connector

Use the "LARGE CONNECTION VIEW DRILL TEMPLATE & WIRING DIAGRAM " for wiring and chassis installation

**OPTIONAL LOOP THRU CONNECTORS:** If loop thru connectors are installed, connect the shield (pin 1) from the input connector to the output connector without connecting to the PCB; this wire will loop thru only. If the loop out connector is not used terminate with an XLR terminator.

**IMPORTANT NOTE - TERMINATE ALL NON LOOP THRU INPUT CONNECTOR(S) BY SOLDERING A 120 OHM RESISTOR ACROSS PINS 2 AND 3.**