Soundsculpture Incorporated
# DCshow64 - Rear Panel Connections

QUAD BIDIRECTIONAL DRIVER CARD

**Outputs are 1 - 4 BOTTOM TO TOP**
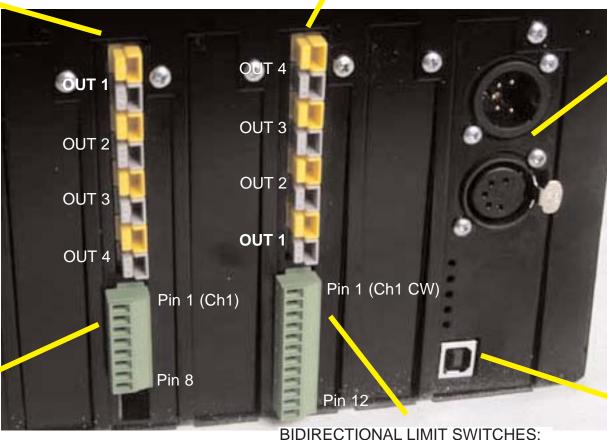YELLOW is output A, GRAY is output B
Polarity reverses for CW / CCW drive.

DMX IN / THROUGH
Meets USITT DMX-512 Specifications.

Fully isolated DMX data souce may float +/-5000V. Data GND is not in any common with chassis/power GND.

Male/Female XLR5 pins are directly connected straight-through.

QUAD UNIDIRECTIONAL DRIVER CARD

**Outputs are 1 - 4 TOP TO BOTTOM**
YELLOW positive, GRAY pwm modulated negative.

OUT 1
OUT 2
OUT 3
OUT 4

OUT 4
OUT 3
OUT 2
**OUT 1**

UNIDIRECTIONAL LIMIT SWITCHES:

Pin 1-2 Ch1 Lim Sw.
Pin 3-4 Ch2 Lim Sw.
Pin 5-6 Ch3 Lim Sw.
Pin 7-8 Ch4 Lim Sw.

Pin 1 (Ch1)

Pin 8

Pin 1 (Ch1 CW)

Pin 12

USB CONFIG PORT

Front and rear USB pins are directly connected straight-through. Use either connector, but NOT both simultaneously.

Port uses an FTDI interface chip. System drivers are available through Microsoft Update.

BIDIRECTIONAL LIMIT SWITCHES:
Pin 1-3 Ch1 CW Lim Sw.
Pin 2-3 Ch1 CCW Lim Sw.
Pin 4-6 Ch2 CW Lim Sw.
Pin 5-6 Ch2 CCW Lim Sw.
Pin 7-9 Ch3 CW Lim Sw.
Pin 8-9 Ch3 CCW Lim Sw.
Pin 10-12 Ch4 CW Lim Sw.
Pin 11-12 Ch4 CCW Lim Sw.