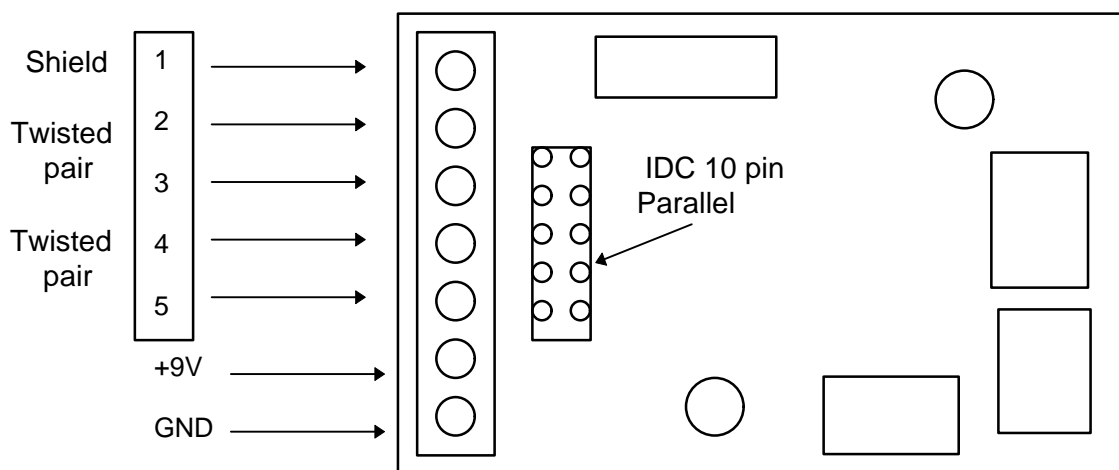


## CONNECTIONS FOR SHOWCRAFT OPTO ISO BOARDS



## VIEW FROM COMPONENT SIDE OF BOARD

The connections labelled 1,2,3,4,5 relate to the pins of the driving cannon.  
i.e. from the console or from your dmx outlet

All units are parallel together on connector terminals 1,2,3,4,5 .

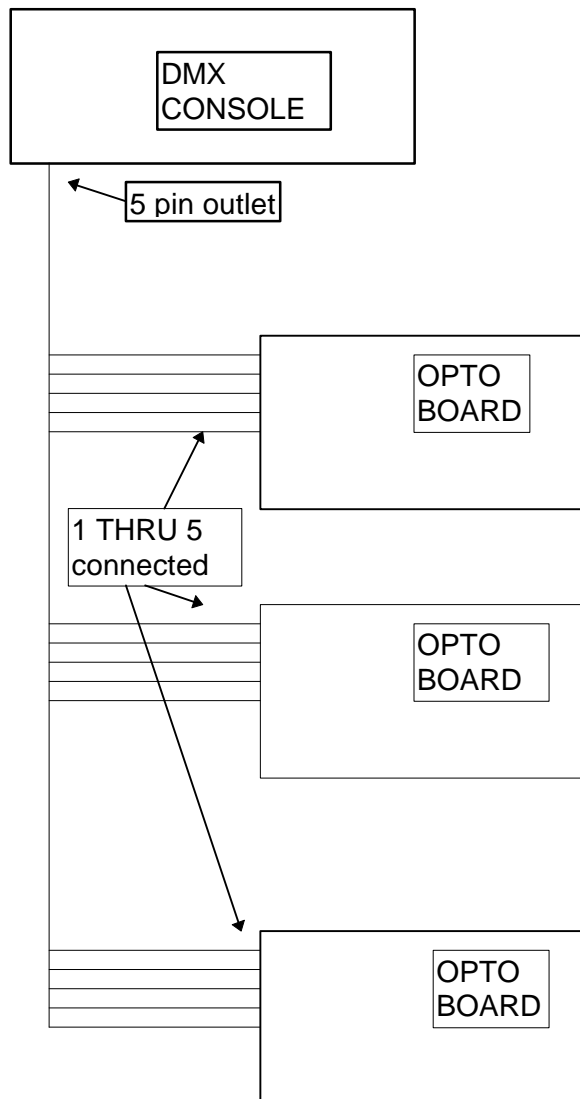
Connecting Pin 4 and 5 ensures a hard wire through circuit for the use of some DMX devices which require the two extra lines.

(8 - 12) Vdc is parallel connected to the two remaining terminals as per diagram.

To ensure correct DMX compliance the data cable connecting the boards together needs to be CAT5 type - two twisted pair with a shield

# DMX OPTO ISO MODULE SYSTEM CONNECTION DIAGRAM

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Connect all 5 pins as shown in diagram. Up to 32 isolator boards can be connected to the one desk outlet. Each isolator output will supply up to 32 DMX devices once again. Connecting all 5 pins means the system has compatability with devices that may require talkback lines.

**SPECIFICATIONS:**

Input Load: One single load RS485.

Output Drive: 32 Loads RS485.

Compliance: USITT DMX512 Standard.

PCB Size: 35mm (w) x 52mm (h).

Clearance depth; 60mm from rear of mounting plate.

Output connector: XLR series 5 pin Female.

Line Connector: PCB mount terminal block 1.5mm cable entry.

Power supply: 8 Volts DC to 12 Volts DC 150Ma

Parallel Interconnect: 10 Pin IDC.