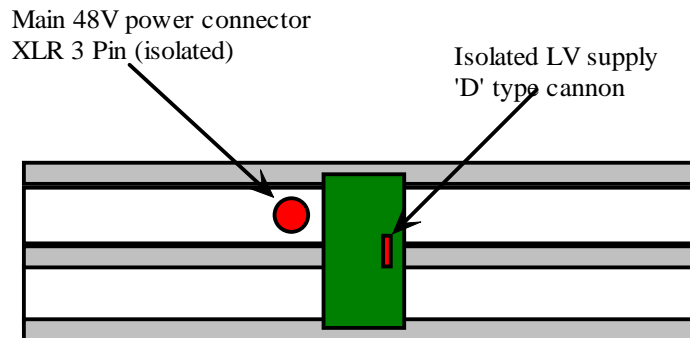


REAR VIEW OF DIGITISER



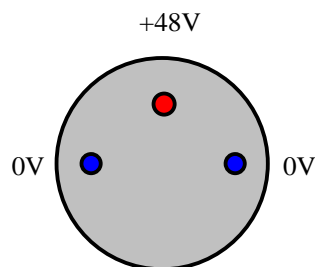
MAIN POWER SUPPLY

The digitiser requires 48V at a theoretical peak current of 12A. In fact the running current on average is 5-6A since the 12A is based on an un-cooled system (power required calculated at max temp ranges).

The connector is a 3 pin XLR type.

The centre top pin is +48V.

The two lower pins horizontally opposed are 0V.



Plug on Digitiser. Socket on cable.

ISOLATED POWER SUPPLY

The digital isolators for the preamp control requires an isolated power supply separate to the main supply. This supply should be as clean as possible as it connects into the preamp circuits.

The connections are made to a 9 pin 'D' type mounted on the connecting PCB between the CORE and SEGMENT modules on the rear of the digitiser.

The connector on the board is MALE (plug). The cable is FEMALE (socket).

Pin connection are as follows:-

- +5V pins 1,2 and 6
- 0V pins 3,7, and 8
- 5V pins 4,5 and 9

The -5V supply is not required and is not used by the digitiser however the connection is allocated internally. It may be omitted from the external power source (Only +5V and 0V connections required).