

General Description

The courtroom recorder PCB eliminates the problems associated with connecting an FTR four-channel digital recorder and a Sony/Lanier analog recorder to the same source.

Eight outputs are made available via the DB25 for connecting a FTR and Sony BM246 or Lanier recorder using a standard DA-88 cable. The output level to the FTR is balanced +6dB line level and the Sony/Lanier connections are transformer isolated and attenuated to present the required -57dBu level. The -57dBu mic level affords a minimum AGC pumping and breathing in the Sony BM-246. If the -57dBu level is not needed simply clip out resistors R9, R10, R11, and R12. Transformer isolation is preserved, but the attenuator "T" leg is eliminated, thus removing the attenuation.

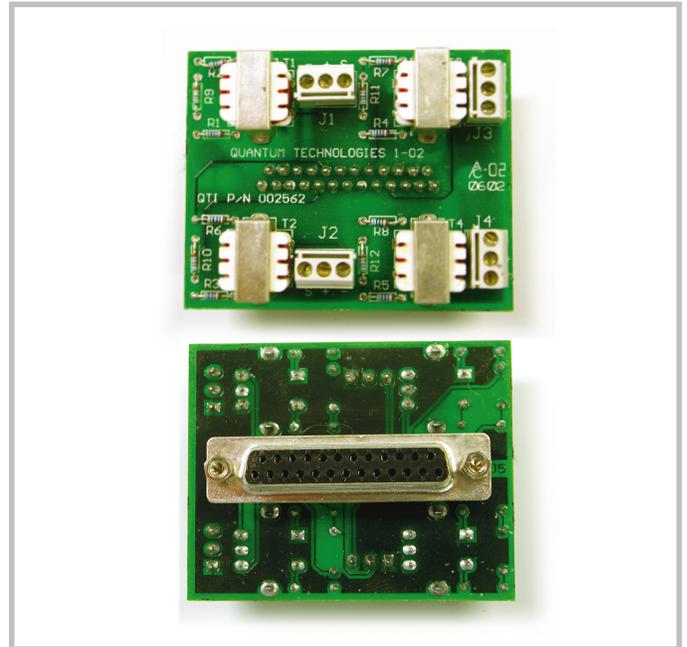
Connection is as simple as connecting the Matrix Mixer outputs 1 thru 4 to the Phoenix connectors J1 thru J4. Connect the + Red, - Black and Shield connections to the PCB. *Note: The shield is lifted on the PCB to prevent ground loops and must be terminated at the source to provide proper RF shielding.*

Connect the DA-88 Cable DB25 to the 002560 PCB DB25 connector and connect XLR connectors 1,3,5,7 to the Sony BM246/Lanier and channels 2,4,6,8 to the FTR inputs. That's it - problem solved!

This part may be purchased preassembled to an engraved plate, P/N: 002600 Court Room Recorder Plate or P/N: 002620 Court Room Recorder Plate - Plus.

The DA-88 cable has a male DB25 and eight male XLR connectors. These can be purchased from virtually any cable manufacturer such as RAPCO, Whirlwind, HOSA*, etc.

*The HOSA Part Number is DTM-803 (3m length).



Specifications

Input Level:	+6dBu from Matrix Mixer
Output Levels:	
CH 2,4,6,8:	+6dBu, pass thru' to FTR
CH 1,3,5,7:	-57dBu, via transformer and pad
Frequency Response:	20 to 20KHz +/- 3dB
IMD:	< 0.15% at rated level
THD:	< 0.12% at rated level
PHASE Response:	< 6 degrees from 20 to 20K
MSRP:	\$59.00

