

2.2.1 Y, R-Y, B-Y Blanking Level and Gain Adjustment (SMPTE/EBU N10)

- Connect a component serial digital test generator to the "SER. IN" connector, select 100% bars.
- Connect component outputs of the unit with respective analog inputs of PM 5664D (remember to terminate the other inpt connectors with 75Ω 0.1%).
- While power is off, set PM 5664D jumpers J5 through J10 as shown in Fig. 2-4 for Y, R-Y, B-Y.
- Connect power and adjust R14, Y DC, for a Y blanking level of 0 V.
- Adjust R41 and R33 for a blanking level (mid-point) of 0 V on the R-Y and B-Y outputs.
- Adjust R28, Y GAIN, for a 700 mV Y video level between blanking and white.
- Adjust R42 and R23 for a 700 mV peak-to-peak (± 350 mV) level on the R-Y and B-Y outputs.

2.2.2 GBR Blanking Level and Gain Adjustment

By configuration of jumpers (J5 to J10) factory format Y, R-Y, B-Y can be changed to GBR format.

If the instrument has been adjusted in Y, R-Y, B-Y mode no further adjustment is required in GBR mode.

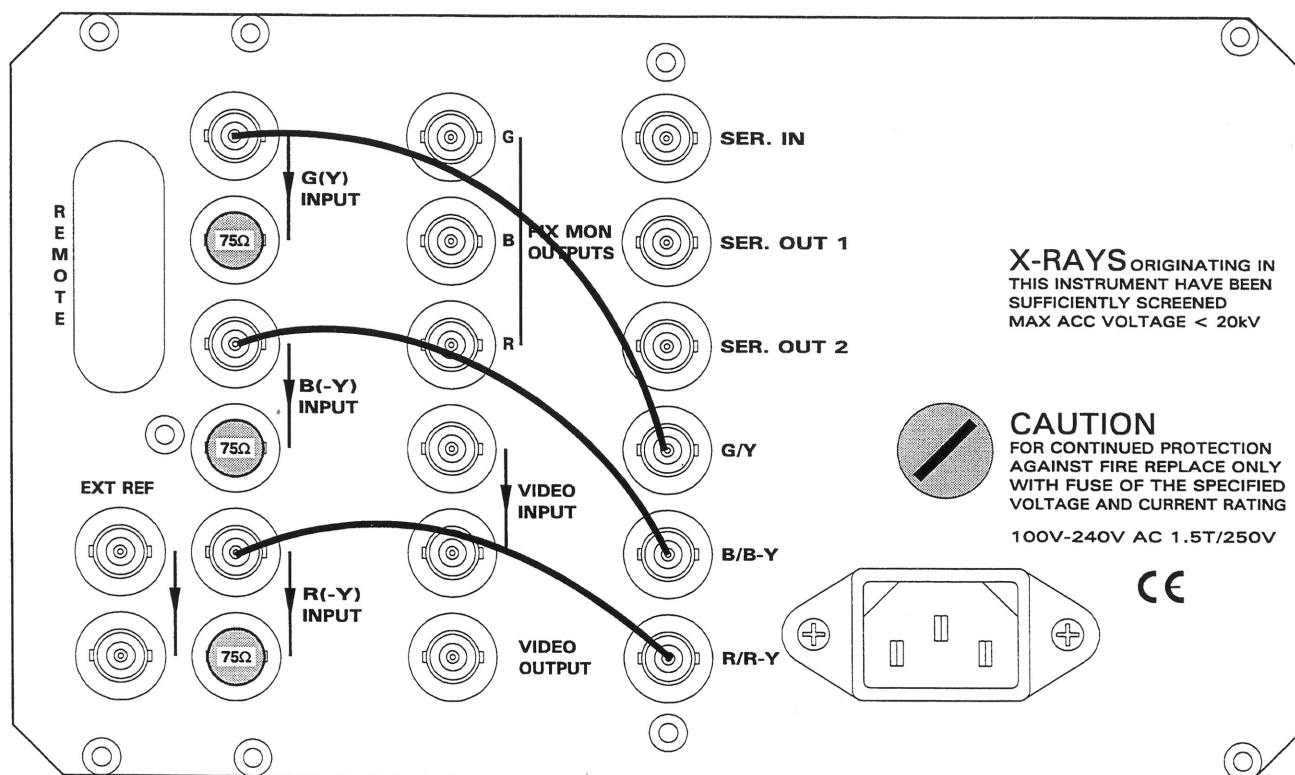


Fig. 2-5 Connection between component outputs and analog inputs