



Figure 1. Detail of back panel showing connector used for audio inputs

with a nominal operating level in the range of +4 dBu can be successfully connected. Transformer coupled, the inputs are compatible with balanced or unbalanced signals. In many applications the analog outputs from digital matrix intercom systems will be connected to the Model 41.

For on-air television applications the IFB sources are generally configured to provide a single- or dual-channel cue "feed" to talent personnel. In such cases channel one of a pair is generally designated as the "interrupt" channel while channel two is the "program" channel. For other broadcast applications, such as live radio, it's possible that a stereo cue source will be connected. In this situation the left source would be connected to input channel one while the right source would be connected to input channel two. This might also be the case with other professional audio applications, such as recording and post-production.

Audio input connections are made by way of one female 25-pin D-subminiature connector which is located on the Model 41's back panel. A cable harness is required with a 25-pin D-sub plug (male) on one end and the desired mating connectors on the other. This cable harness is not supplied by Studio Technologies. (Note that

in some locations the term "cable loom" may be used instead of "cable harness.") The wiring scheme used by the D-sub complies with the now-ubiquitous one made familiar by TASCAM® with their DA-88® product. A wiring harness prepared for connection to the Model 41's audio inputs is identical to a DA-88-style input harness. Please refer to Figures 2 and 3 for connection details. Note that unlike a DA-88-style harness, the Model 41's D-sub

Connections	Signal High (+)	Signal Low (-)	Shield
IFB Circuit 1-Interrupt	24	12	25
IFB Circuit 1-Program	10	23	11
IFB Circuit 2-Interrupt	21	9	22
IFB Circuit 2-Program	7	20	8
IFB Circuit 3-Interrupt	18	6	19
IFB Circuit 3-Program	4	17	5
IFB Circuit 4-Interrupt	15	3	16
IFB Circuit 4-Program	1	14	2

Notes: 1) Connector type on Model 41 is 25-pin D-subminiature female. Installer must provide plug (male). Connector uses 4-40 threaded inserts for locking with mating plug.

2) Wiring scheme follows TASCAM DA-88 convention. Standard DA-88-style wiring harnesses are directly compatible, with the exception of 4-40 screw threads being required.

Figure 2. Connections for Audio Inputs using IFB Nomenclature