hear back PRO

PERSONAL MONITOR MIXER SYSTEM

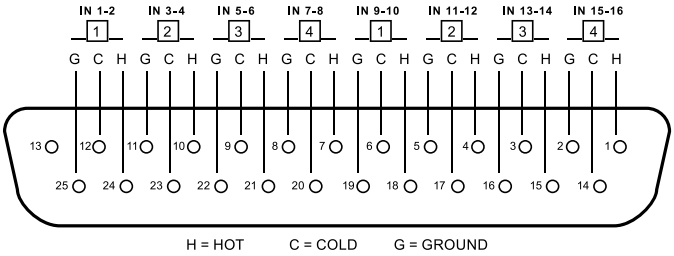
Analog Input Card

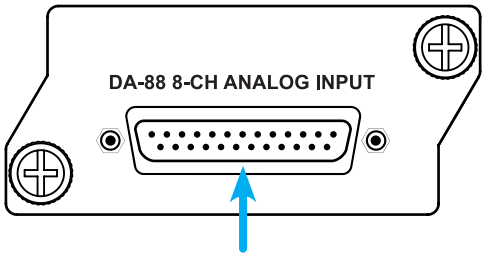
SCAN CODE FOR USER GUIDE

OVERVIEW

8 channels of balanced audio are connected to the Analog card using a Tascam DA-88 style pinout on a DB25 connector (see wiring diagram below). This is the same pinout that standard analog DA-88 style connections use.

CAUTION: Use only DA-88 Analog. Do not use TDIF.

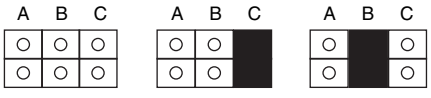


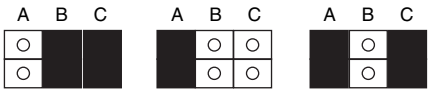


ANALOG IN
8 Channels from an audio mixer via auxiliary, matrix, monitor, and/or direct outputs

SELECTING SAMPLING RATE

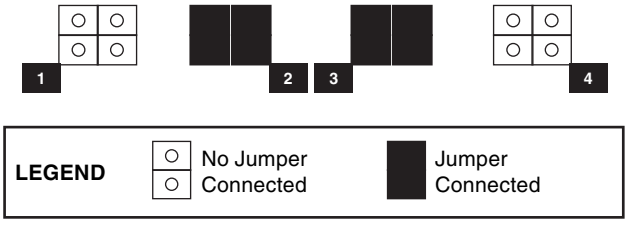
The Analog input card lets users select the digital sampling rate they wish to convert their analog audio to via three jumpers located directly under the Hear Technologies logo on the Analog card circuit board. Jumper positions can be configured as shown below, where the blacked-out boxes represent an electrical connection between pins:





-10dB PAD

The Analog input card provides 2 jumpers per channel (16 total) that can be removed to achieve a -10dB pad per channel. These jumpers are labeled 1-8 (corresponding to each input channel), and located one inch away from the DB-25 connector. So, in this example, input channels 1 & 4 will be reduced by 10dB, while input channels 2 & 3 are at 0dB:



INSTALLATION

The Analog input card is designed to use in multiples. The cards must be placed side-by-side, commonly in slots 1 & 2 with select switch at position “A”.

For firmware V5, additional Analog Input cards may be added to achieve 24 and 32 total channels, depending on how many slots are available in the PRO Hub.

TECHNICAL SPECIFICATIONS

System Input

Hub Line In:	8 Balanced inputs on DB-25 female (DA-88 pinout)
Hub Maximum Input Level:	+2 dBu with analog card pad jumpers populated, +12dBu with jumpers removed (up to +28dBu upon special request)
Sampling Rates:	Supports 44.1kHz, 48kHz, 88.2kHz, 96kHz, 176.4kHz, and 192kHz
Output Connector:	DB25 with standard TASCAM DA-88 pin-out

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