hear back PRO

PERSONAL MONITOR MIXER SYSTEM

Analog Output Card
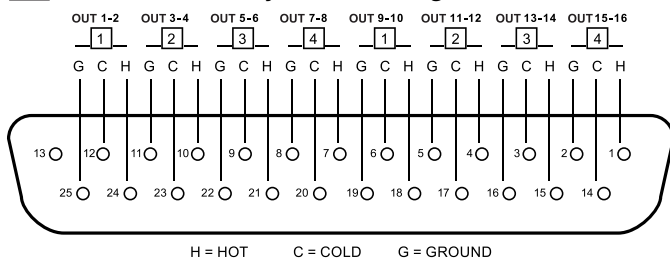
OVERVIEW

The Analog Output Card provides (8) consecutive balanced channel outputs on a single DB25 connector. Developed for the Hear Back PRO Hub, it can be utilized with the WSG Bridge.

Connect to the Analog Output 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.*

H = HOT   C = COLD   G = GROUND
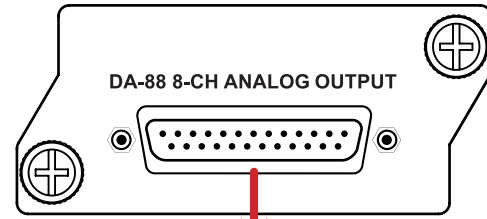
CARD SLOT COMPATIBILITY

HEAR BACK PRO: The Analog Output card works with any of the PRO input card options. Depending on your current Hub setup, different vacant slots will provide different outputs (see available combinations below).

WSG BRIDGE: The WSG Bridge is preloaded with a Dante or MADI card in slot 1 and the Waves SoundGrid card in slot 3. Available slots for installing the Analog Output Card are slot 2 to monitor from the Waves inputs or slot 4 to monitor from the Dante inputs (see chart below).

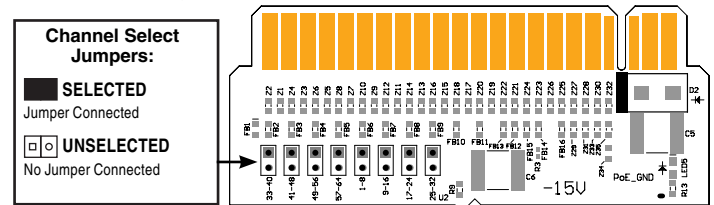|	INPUT CARD POSITION(S)	ANALOG OUTPUT CARD SLOT	RESULTING OUTPUT CARD CHANNELS
HEAR BACK PRO	1 (SINGLE DIGITAL*)	2	9 THRU 16
		3	1 THRU 8
		4	9 THRU 16
	1, 2 (ANALOG)	3	1 THRU 8
		4	9 THRU 16
	1, 3 (TWO DIGITAL)	2	9 THRU 16
		4	9 THRU 16
	1, 2, 3 (ANALOG, DIGITAL)	4	9 THRU 16
WSB BRIDGE	1, 3 (DANTE OR MADI, WAVES SOUNDGRID)	2	WAVES INPUTS 1 THRU 8
		4	DANTE INPUTS 1 THRU 8

CHANNEL SELECT JUMPER

HEAR BACK PRO: The channel select jumper MUST be in the "33-40" position for proper function of the Analog Output card with a Hear Back PRO Hub.
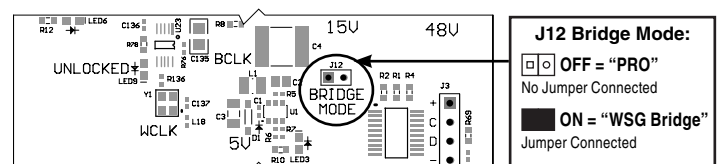

DA-88 8-CH ANALOG OUTPUT

ANALOG OUT
8 Consecutive balanced channel outputs on a single DB25 connector

WSG BRIDGE: The block of eight channels is selected from a row of eight male jumper pin pairs next to the gold fingers. To select your bank of channels, simply short the corresponding pair of pins with the jumper provided.

Channel Select Jumpers:

⬛ **SELECTED** Jumper Connected

☐ **UNSELECTED** No Jumper Connected

BRIDGE MODE JUMPER

Before installation, the Bridge Mode jumper J12 must be "**OFF**" if **using with a PRO Hub** or "**ON**" if using with a WSB Bridge.

J12 Bridge Mode:

☐ **OFF = "PRO"** No Jumper Connected

⬛ **ON = "WSG Bridge"** Jumper Connected

INSTALLATION

⚠️ **WARNING:** *Make sure you touch a metal object to discharge any static before proceeding with installation.*

1. With power disconnected, orient the Hub with the back towards you.
2. Select the blank slot you wish to utilize and remove the plate and two Phillips screws.
3. Slide the card into the slot, and push gently as the gold fingers mate with the front panel connector. You should feel it "snap" into place.
4. Tighten the set screws on the front of the card.

TECHNICAL SPECIFICATIONS

Analog Distortion:	<0.003% THD+N
Maximum Output Level:	+23dBU
Sampling Rates:	Supports 44.1kHz, 48kHz, 88.2kHz, 96kHz, 176.4kHz, and 192kHz
Output Connector:	DB25 with standard TASCAM DA-88 pin-out