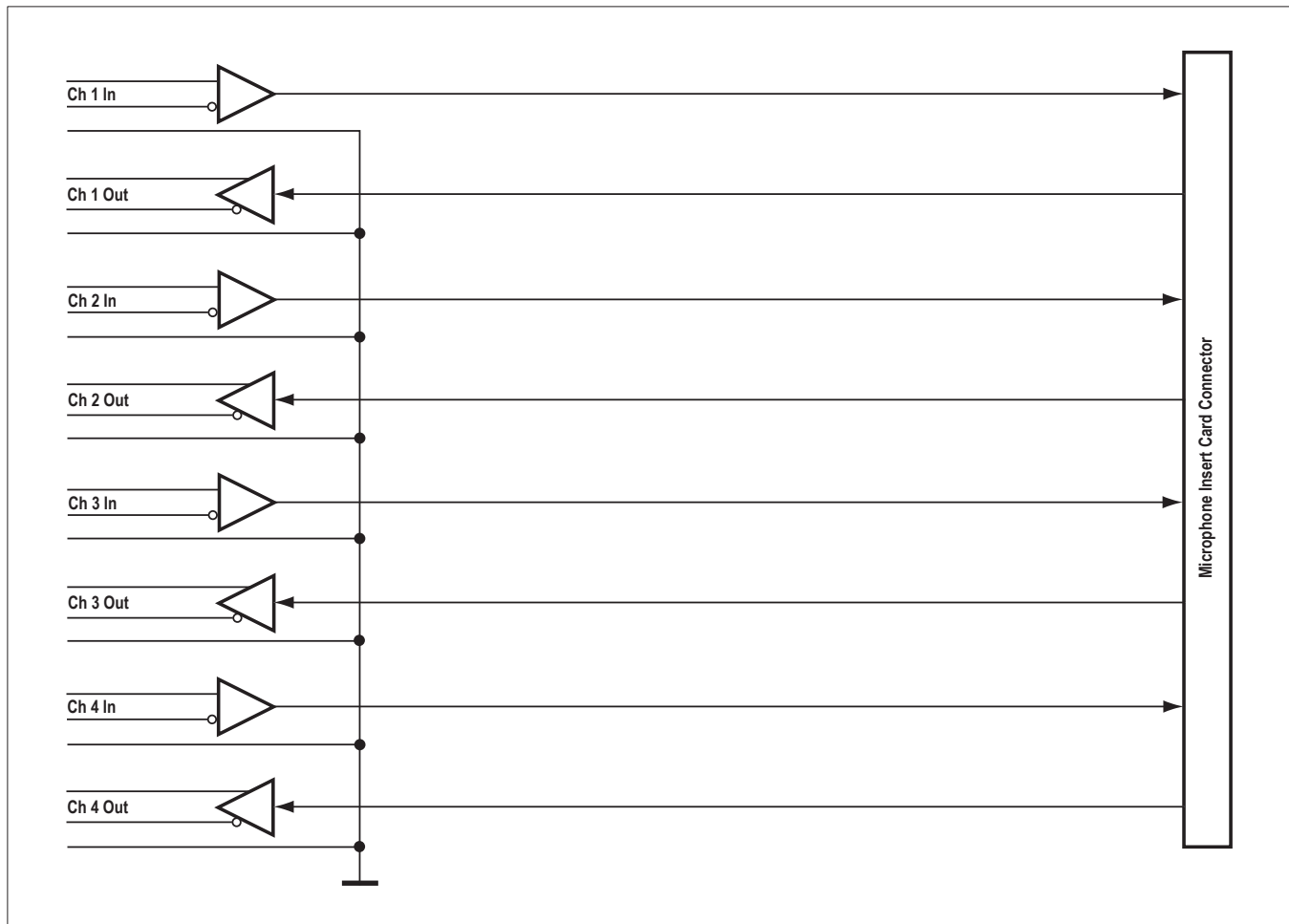## 6.2.2 Analog Insert Card (VISTΛ, OnAir, ROUTE 6000)   A949.0428
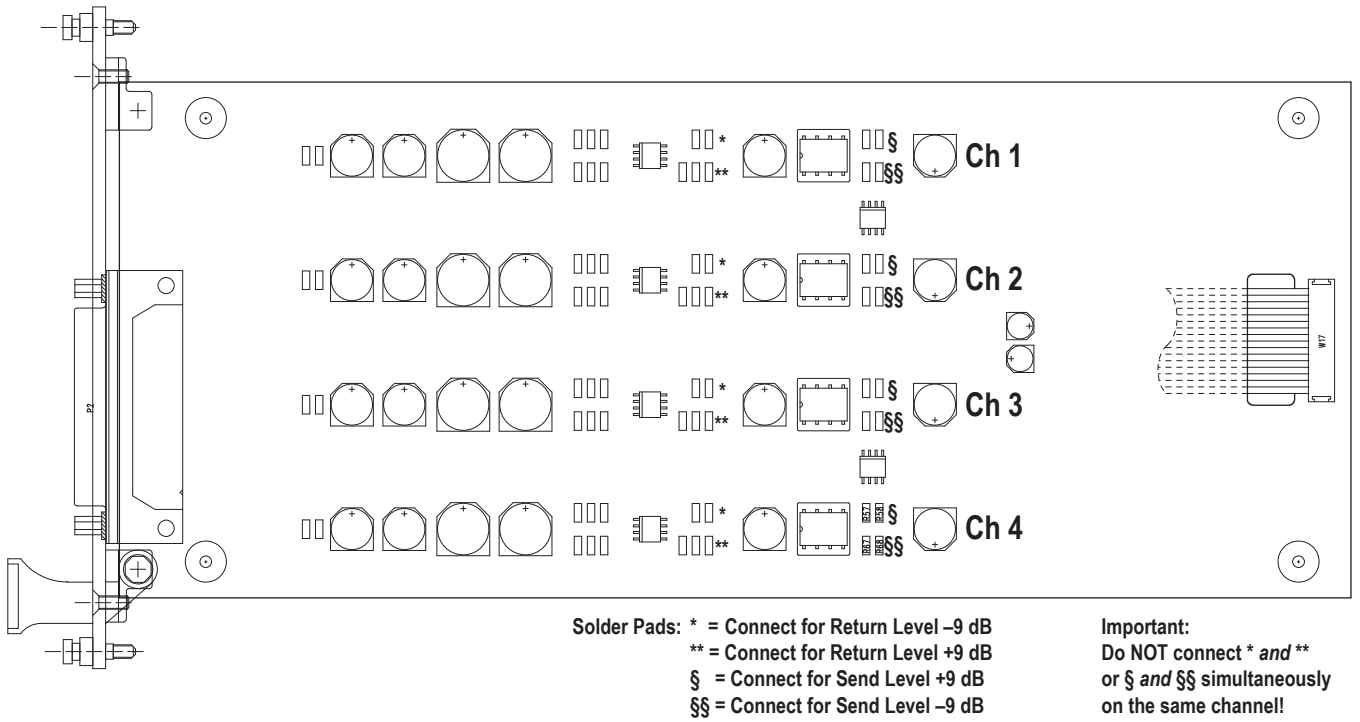
This card is intended for use with a D21m Mic/Line In card (A949.0427) and features four electronically balanced analog inserts. The insert sends are always active, return on/off is controlled by the console software (default off). Insert sends and returns on standard 25-pin D-type connector (female).
The connection to the Mic/Line In card is established with a ribbon cable.
It is recommended to place a pair of insert cards next to a pair of Mic/Line In cards in order to avoid HD Link channels without audio. For details on the card placement, refer to chapter 5.3.

Note   *This card is only supported by the Mic/Line Input card A949.0427.*

In/out level (for 0 dB$_{FS}$)	15 dBu
	(6 or 24 dBu w. soldering jumper)
Input impedance	10 kΩ
Output impedance	50 Ω
Current consumption (±15 V)	0.05 A
Operating temperature	0-40 °C

Solder Pads: * = Connect for Return Level –9 dB
** = Connect for Return Level +9 dB
§ = Connect for Send Level +9 dB
§§ = Connect for Send Level –9 dB

Important:
Do NOT connect * and *
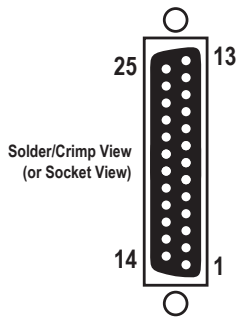**or § and §§ simultaneously**
on the same channel!

Solder Pads

Nominal send/return levels are +15 dBu for full scale modulation. These levels may be boosted or cut by 9 dB (i.e., set to +6 dBu or +24 dBu) individually per channel and for send and return, refer to the illustration above.
Please note that the corresponding +9 dB and –9 dB solder pads must not be connected simultaneously.

Connector Pin Assignment

4× BALANCED LINE IN AND OUT (25pin D-type, fem., UNC 4-40 thread)

Solder/Crimp View
(or Socket View)

Pin	Signal	Pin	Signal
1	CH 4 out +	14	CH 4 out –
2	CH 4 out GND	15	CH 3 out +
3	CH 3 out –	16	CH 3 out GND
4	CH 2 out +	17	CH 2 out –
5	CH 2 out GND	18	CH 1 out +
6	CH 1 out –	19	CH 1 out GND
7	CH 4 in +	20	CH 4 in –
8	CH 4 in GND	21	CH 3 in +
9	CH 3 in –	22	CH 3 in GND
10	CH 2 in +	23	CH 2 in –
11	CH 2 in GND	24	CH 1 in +
12	CH 1 in –	25	CH 1 in GND
13	n.c.		