

Table 2-1. Rear Panel Audio Connector Pin-Out

| PAIR | PIN | COLOR | SIGNAL | BOARD: CHANS | Top 01-08 | Mid 09-16 | Bot 17-24 |
|------|----------|--------------------|--------------------------|-----------------|--------------|--------------|--------------|
| 1 | 26 1 | WHT/blu BLU/wht | Audio in – Audio in + | Channel | 01 | 09 | 17 |
| 2 | 27 2 | WHT/org ORG/wht | Audio out Ground | | | | |
| 3 | 28 3 | WHT/grn GRN/wht | Squelch Ground | | | | |
| 4 | 29 4 | WHT/brn BRN/wht | Audio in – Audio in + | Channel | 02 | 10 | 18 |
| 5 | 30 5 | WHT/slt SLT/wht | Audio out Ground | | | | |
| 6 | 31 6 | RED/blu BLU/red | Squelch Ground | | | | |
| 7 | 32 7 | RED/org ORG/red | Audio in – Audio in + | Channel | 03 | 11 | 19 |
| 8 | 33 8 | RED/grn GRN/red | Audio out Ground | | | | |
| 9 | 34 9 | Red/brn BRN/red | Squelch Ground | | | | |
| 10 | 35 10 | RED/slt | Audio in – Audio in + | Channel | 04 | 12 | 20 |
| 11 | 36 11 | BLK/blu BLU/blk | Audio out Ground | | | | |
| 12 | 37 12 | BLK/org ORG/blk | Squelch Ground | | | | |
| 13 | 38 13 | BLK/grn GRN/blk | Audio in – Audio in + | Channel | 05 | 13 | 21 |
| 14 | 39 14 | BLK/brn BRN/blk | Audio out Ground | | | | |
| 15 | 40 15 | BLK/slt SLT/blk | Squelch Ground | | | | |
| 16 | 41 16 | YEL/blu BLU/yel | Audio in – Audio in + | Channel | 06 | 14 | 22 |
| 17 | 42 17 | YEL/org ORG/yel | Audio out Ground | | | | |
| 18 | 43 18 | YEL/grn GRN/yel | Squelch Ground | | | | |
| 25 | 50 25 | VLT/slt SLT/vlt | (not used) (not used) | | | | |

Squelch Requirements.

A “high” is either an open circuit, or a voltage level greater than 4 volts. A “low” is either a contact closure to ground or a voltage level lower than 2 volts.