



**CONNECTOR PINOUTS**

J1 = 12-15VDC IN (2.1mm Centre Positive)  
 J2 = FROM MAIN RX (AUDIO IN)  
 J3 = FROM CONTROL RX (AUDIO IN)  
 J4 = FROM COMPUTER MIC (AUDIO OUT)  
 J5 = TO COMPUTER SPEAKER (AUDIO IN)  
 J6 = TO TRANSCEIVER MIC (AUDIO OUT)  
 J7 = AUX CTL RLY (N.O. DRY CONTACTS)  
 J8 = ISOLATED PTT CONTACTS  
 J9 = ISOLATED COS INPUT  
 J10 = ACCESS TO UNUSED RS-232 CTL LINES

**K1 SECONDARY CONTACTS**  
 CON1-1 = AUX CTL COM.  
 CON1-2 = AUX CTL N.C.  
 CON1-3 = AUX CTL N.O.

TP1 = OPTIONAL I/O, FUTURE USE  
 TP2 = COS CONDITIONING BREAKOUT

**LINK STRAPPING OPTIONS**

LK1 1+2 = 5 VOLT RELAY USED  
 LK1 2+3 = 12 VOLT RELAY USED  
 LK2 = FOR ICP USE

- NOTES:**
- USE 5V or 12V RELAY AT K1. SET LK1 ACCORDINGLY. DEFAULT = 12V. CUT PCB LINK TO 12V BEFORE LINKING TO 5V. RESTORE CONNECTION WITH A JUMPER FOR NORMAL USE.
  - CUT PCB LINK AT LK2 WHEN USING ICP. RESTORE CONNECTION WITH A JUMPER FOR NORMAL USE.
  - R16 CHANGED FROM 120K TO 510K TO MOVE HPF CUTOFF FREQ DOWN TO 312Hz. (Nov/04)
  - U4 & U5 CHANGED FROM 4N33 TO 4N25 (Nov/04)
  - RESISTOR VALUE CHANGES (Feb.05):  
 R6, R5 FROM 680 ohms TO 1K  
 R7 FROM 100 ohms TO 4.7K  
 R13 FROM 1K TO 2.2K  
 R14 FROM 100 ohms TO 1K  
 R18, R21 FROM 1K TO 270 ohms