



## TP-MIC (uses TBM-16RJ) Connector Pin Out:

RJ-45 (J5)	MIC PREAMP OUTPUT
1	Preamp Output +
2	Preamp Output -
3	Power ground
4	Power + 12 VDC
5	Power + 12 VDC
6	Power ground
7	N/C
8	N/C

Note 1: Power applied through Audio Out connector is diode connected (will not back-feed to RS-485 connectors)

RJ-45 (J1 & J2)	RS-485 DATA CONNECTION (optional when Talkback buttons added)
9	RS-485+ (Primary)
10	RS-485 - (Primary)
11	Power ground
12	Power + 12 VDC (See Note 1)
13	Power + 12 VDC (See Note 1)
14	Power ground
15	RS-485+ (Auxiliary)
16	RS-485- (Auxiliary)

Note 1: Apply +12 volts DC using ONLY ONE of J1 or J2.

Note 2: Aux data does not connect on board, only thru J1 / J2.

### ADDRESS JUMPER (J7/J8) DESCRIPTION

The RS-485 Port Address is set by shunt jumpers on J7 and J8

J7 and J8 Open	= A0
Jump J7	= A1
Jump J8	= A2
Jump J7 and J8	= A3