



Connection Notes

RIM_Lite to Tait TM9100 Auxiliary Connector

Cable Information:

RIM_Lite (DE-9M)	Signal	Simplex	Duplex TX Radio	Duplex RX Radio
1	→→ TX Audio (Voice) →→	7	7	
2	→→ TX Audio (CTCSS) →→			
3	←← COS In ←←	1		1
4	←← CTCSS In ←←	2		2
5	→→ PTT →→	4	4	
6	←← RX Audio (Discriminator) ←←	13		13
7	N/A			
8	←← Ground →→	15	15	15
9	←← Ground →→			

NOTES:

- Pin 1 (GPIO7) needs programmed as COS detect output
- Pin 2 (GPIO5) needs programmed as CTCSS detect output
- Pin 4 (GPI3) needs programmed as EPTT1 (Active LOW) input

Rx tap point can be set to R2 for discriminator type audio (USBRadio) or R7 for de-emphasized audio. (SimpleUSB)

Tx tap point can be set to T8 for "composite" type TX audio (USBRadio) or T5 for "microphone" type Tx audio. (SimpleUSB)