



Connection Notes

RIM_Lite to Tait TM8100, TM8110, TM9100

Auxiliary Connector

Cable Information:

RIM_Lite (DE-9M)	Signal	Simplex (DA-15M)	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 →→	12	12	
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 12 (GPI1) 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)