



## Connection Notes

### RIM\_Lite to Kenwood NX Mobile Auxiliary Connector

### Cable Information:

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

**NOTES:**

Pin 6 (FNC1) needs programmed as COS detect output  
 Pin 7 (FNC2) needs programmed as CTCSS detect output  
 Pin 8 (FNC3) needs programmed as PTT (Active LOW) input

Pin 4 (RX Audio) needs programmed for discriminator type audio (USBRadio) or de-emphasized audio. (SimpleUSB)

Pin 5 (TX Audio) needs programmed for "composite" type TX audio (USBRadio) or "microphone" type Tx audio. (SimpleUSB)