



Connection Notes

RIM_Lite to Mot. Desktrac Radio

Cable Information:

RIM_Lite (DE-9M)	Signal	Desktrac (DB-25M)	Notes
1	→→ Aux. TX Audio →→	17	CTCSS Encode Audio (optional)
2	→→ Main TX Audio →→	22	Voice TX Audio (Mic Input)
3	←← COS in ←←	9	Active low COS
4	←← CTCSS in ←←	12	Active low CTCSS
5	→→ PTT →→	13	
6	←← RX Audio (Discriminator) ←←	23	Discriminator Out
7	→→ PC_OK →→	20	Repeat disable (active low)
8	←← Ground →→	6, 21*	
9	←← Ground →→		

Pin 21 is CTCSS encode inhibit – active low. Short to ground to disable internal CTCSS encode.

NOTES:

In AllStar set:
 carrierfrom=usbinvert and ctcssfrom=usbinvert
 txmixa=voice

de-emphasis = enable
 Pre-emphasis and limiting = enable