



Connection Notes RIM_Lite to Hytera RD-982 Repeater

Cable Information:

RIM_Lite (DE-9M)	Signal	RD-982 (DSUB-26M)	Notes
1	→→ TX Audio (Aux. Audio) →→		
2	→→ TX Audio (Main Audio) →→	7	Voice TX
3	←← COS in ←←	12 ¹	COS – Active Low
4	←← CTCSS in ←←	20 ²	CTCSS – Active Low
5	→→ PTT →→	16	
6	←← RX Audio ←←	8 ³	
7	N/A		
8	←← Ground →→	2,6,9,11, 17,21 ⁴	
9	←← Ground →→		

NOTES:

1. COS input is optional (add carrierfrom=usbinvert)
Program pin 12 (GPIO2) for Carrier Detect
2. Program pin 12 (GPIO3) for CTCSS/CDCSS Detect
3. Set for CTCSS filtered, de-emphasized audio in software.
4. Any of these can be used for ground.

In AllStar set:
 carrierfrom=no and ctcssfrom=usbinvert
 txmixa=voice