

Connection Notes

STM32-DVM to Kenwood TK-x90 Mobile

Cable Information:

DVM (DE-9M)	Signal	TK-x90 (DB-25M)	Notes
1	N/A		
2	→→ TX Audio (Flat / 9600 Baud) →→	13	
3	←← DVM Inhibit (Act. Low) ←←		
4	←← RSSI ←←	1#	
5	→→ PTT →→	2	Must program AI1 as PTT
6	←← RX Audio (Discriminator) ←←	19	
7	N/A		
8	←← Ground →→	7, 18	
9	←← +12V →→	14	

NOTES:

#optional connection

*Pin 14 can used to feed power to the STM32-DVM V3 ONLY if the optional 12v buck converter has been installed.

DO NOT use on pre-version 3 boards!

On page 20, section 8, of the Service Manual; it discusses jumper settings for Pin 13. The default (factory) position is DATA for the TX Audio. If someone has a radio that has been modified to use this input for MIC audio, they will have to change the jumper setting.