



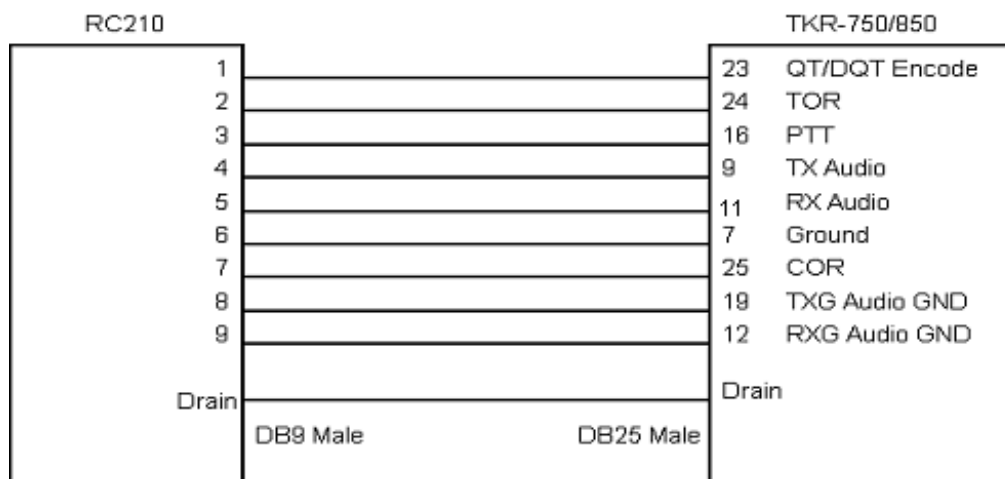
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Interfacing the RC210 to Kenwood TKR-750/850 or NXR-710/810 or NXR-1700/1800 Repeaters

Cabling

RC210 DB-9	TKR/NXR DB-25	SIGNAL	NOTES
Pin 1	Pin 23	QT/DQT (CTCSS/DCS) Encode Control	Active Low
Pin 2	Pin 24	Receiver TOR (CTCSS/DCS)	Active High
Pin 3	Pin 16	PTT	Active Low
Pin 4	Pin 9	Transmitter Audio (TA)	Preemphasized
Pin 5	Pin 11*	Receiver Audio (RA)*	Deemphasized
Pin 6	Pin 7	Ground	Ground
Pin 7	Pin 25	Receiver COR (COS)	Active High
Pin 8	Pin 19	Ground	TXG Ground
Pin 9	Pin 12	Ground	RXG Ground

*If discriminator audio is desired instead of preemphasized, use Pin 10 instead



Repeater Programming

Program the Repeater using the appropriate Kenwood software. The Aux In/Out settings are found under Edit > Function Port.

PARAMETER	CONFIGURED AS
Frequency	As required
QT/DQT Decode	As required
QT/DQT Encode	As required
Wide/Narrow	As required
Multi Table	No
Ope Mode	Duplex
Scan Del/Add	No
CW ID	No
Aux In/Out 4 *	QT/DQT Enc Enable
Aux In/Out 5	TOR set for Active High
Aux In/Out 6	COR set for Active High
OffHook Decode	Unchecked
Fan Action	Temperature

*NOTE: If not using a Version 2 TKR or an NXR-1700/1800, then control of QT/DQT Encode is not possible (Pin 24).

*NOTE: The TKR/NXR MUST not be in Repeat Mode if using the RC210