



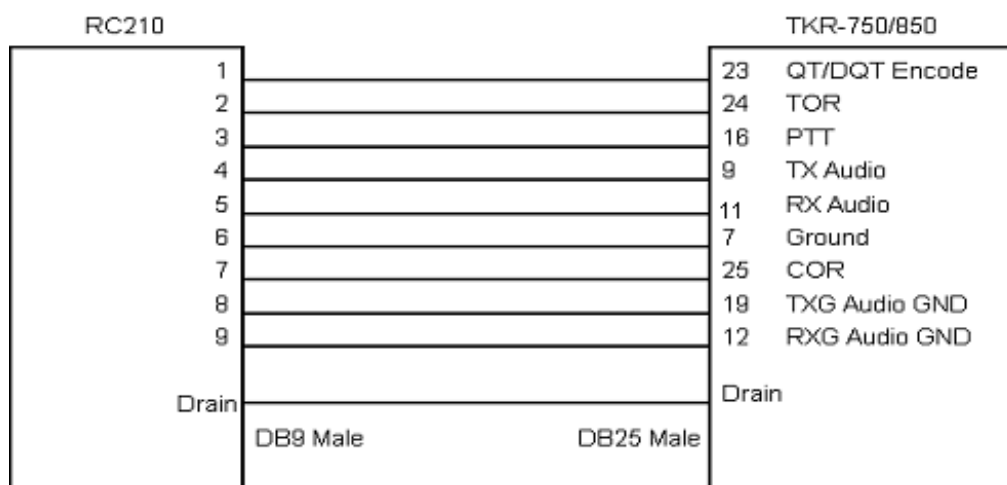
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Interfacing the RC210 to Kenwood TKR-750/751/850/851 or NXR Series Repeaters

Cabling

| RC210 DB-9 | TKR 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 de-emphasized, use Pin 10 instead



TKR Programming

Program the TKR using the Kenwood software.

| 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, then control of QT/DQT Encode is not possible.

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