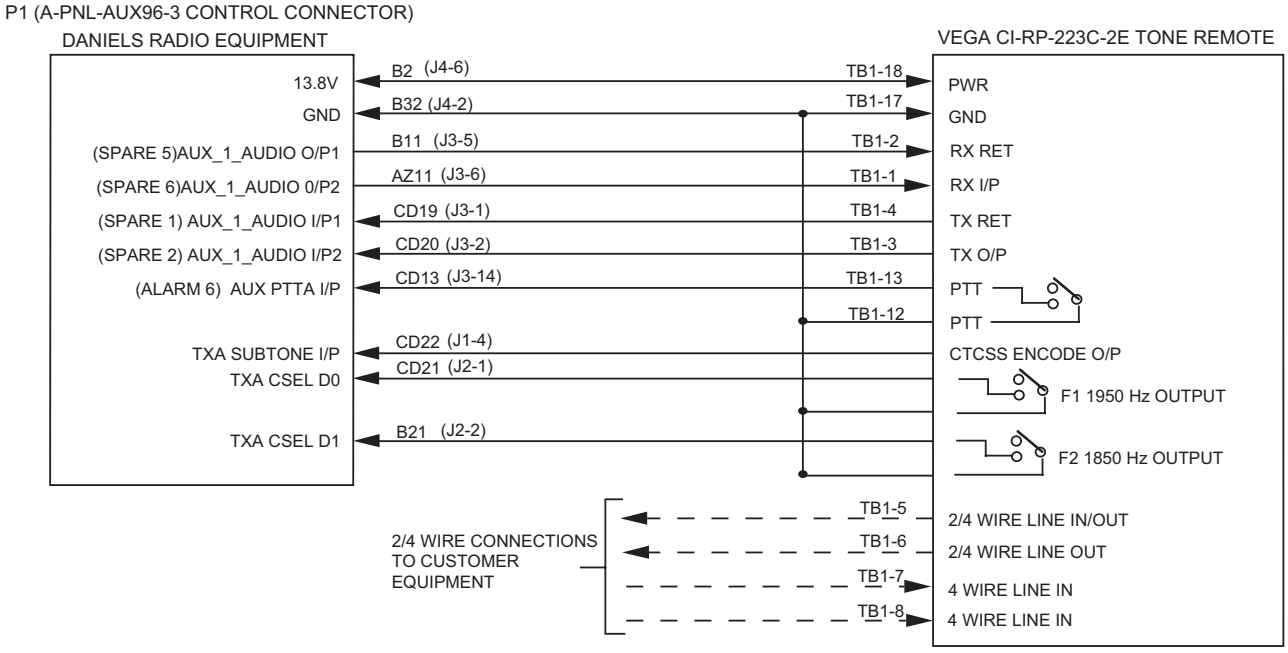
TN850 CI-RP-223C Vega Tone-Remote Adapters

The Vega 223C series tone-remote adapters provide a reliable means of remotely controlling Daniels Electronics base stations and repeaters. The adapters can be used in conjunction with tone-remote control consoles which use the industry-standard sequential tone keying format. The 223C series adapters are interconnected to the distant remote control console(s) by any voice grade transmission medium such as a microwave link, a leased telephone line, or a twisted-pair 600-ohm line. All 223C series adapters are capable of decoding the PTT tone sequence and the voice-plus-tone signals during transmission. The tone portion of the voice-plus-tone signal is removed from the transmitted voice. All models are prepared for jumper-plug conversion from two-wire-line operation to four-wire-line operation. The Vega 223C series adapters are available in single, 2, 4, 6, 8, and 10 channel models, and the mutli-channel models are also available with optional CTCSS encode capability.

All models have been factory tuned to the following frequencies:
Guard Tone / PTT Tone: 2175 Hz
Frequency Select Function Tones (where used)

F1: 1950 Hz **F3:** 1750 Hz **F5:** 1550 Hz **F7:** 1350 Hz **F9:** 1150 Hz
F2: 1850 Hz **F4:** 1650 Hz **F6:** 1450 Hz **F8:** 1250 Hz **F10:** 1050 Hz

Installation:
Connect the Daniels Electronics subrack with A-PNL-AUX96-3 auxiliary connector to the Vega board as shown in the diagram below. Select the two or four-wire-line operation and setup jumpers JP4 and JP6 on the Vega. For two-wire-line opeation set the jumpers in position ‘A’. For four-wire-line operation set the jumpers in position ‘B’. Connect the two-wire-line input at TB1-5 and TB1-6 for two-wire-line operation, and at TB1-5, TB1-6, TB1-7 and TB1-8 for four-wire-line operation. The diagram below shows a Vega model CI-RP-223C-2E two-channel tone remote adapter with CTCSS encode capability.



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