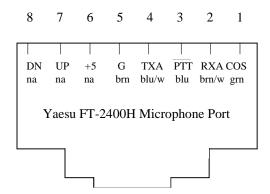
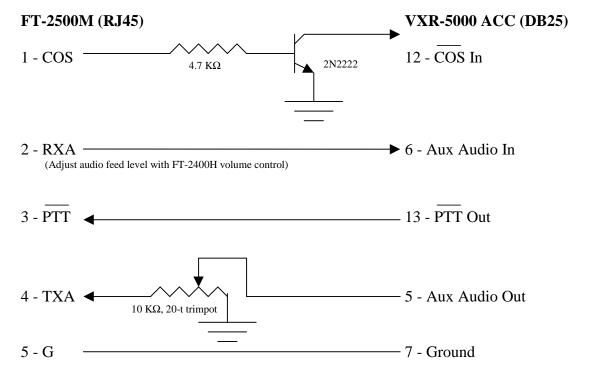
## WOGS Repeater Remote-Base Interconnect

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A Yaesu FT-2400H mobile transceiver is interfaced with the ACCESSORY port on the bottom of the Vertex VXR-5000 repeater (as modified with a Pacific Research RI-310e controller) to form a remote-base radio. The remote-base radio is tuned to 145.490 MHz, the N0NQW repeater (-600 kHz offset, 136.5 Hz CTCSS), and is connected to a four-element beam antenna placed on the repeater tower at the 40-foot level. The antenna is pointed toward Fordland, MO where the N0NQW repeater is located and provides coverage for Springfield and the southwest Missouri region.

The remote-base radio is interfaced with the VXR-5000 with the following interface:



The antenna output of the FT-2400H is fed through a "blitz bug" which is grounded to the station grounding strap central ground point.