

RADIO-TNC CIRCUIT BREAKOUT BOX for KANTRONICS TERMINAL NODE CONTROLLERS

Overview

The following schematic represents a circuit breakout box that is wired for terminal node controllers made by Kantronics. The interface provides for the monitoring of the RXA and TXA signals and PTT functionality when used on 1200-Baud TNC ports. BNC connectors are used for the monitor ports allowing for quick connections to an oscilloscope or other test equipment. Adapter cables can be made that will allow the box to be used with other TNC's.

An adapter cable is shown with a DB9F connector on one end and a DB15M on the other end which allows the interface to monitor S/N and RX clock (RXC) signals from the 9600-Baud port on the KPC-9612 TNC series. DB9M pins 8 and 4 are used respectively for the S/N and RXC signals that are only present on the 9600-Baud port.

