ComTekk ™

Commercial-grade USB computer-to-radio interface for controlling HF, VHF, UHF transceivers. Provides PTT, COR and transmit/receive audio through a single USB port.

Dry contacts for PTT, 600-ohm isolation transformers, and temperature-stabilized timebase (TCXO) for highly accurate tone signaling. RJ-45 connector for radio connection.

Includes CD-ROM with documentation and software drivers for Microsoft Windows™.

FEATURES:

- Integrated audio chipset
- TCXO timebase
- 600-ohm line transformers for TX/RX
- Use with local or IP remote software
- N.O. dry contact (relay) for PTT control
- COR input (carrier-operated relay)
- USB powered device
- MS Windows compatible

SPECIFICATIONS:

Environmental:
Amb. temp. range: -15 to +70 ºC

Electrical:
Supply voltage: 4.5 – 5.5 VDC
Current draw (typ.) 100mA

PTT (Push-to-talk) control:
Control port: Integrated RS-232
PTT line: RTS

Connections:
Radio: RJ-45
Computer: USB (Type A)

TX/RX Audio:
ADC/DAC Resolution: 16 bits
THD+N: -74dB
SNR: 93dB
Frequency accuracy: 0.1% or better
Output level: 1.25Vrms max. (4.0Vpk-pk)

LED Indicators:
Ready
PTT

Input/Output Impedance:
600 Ω

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