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## Rig Expert Tiny Digital Mode Interface

**£89.95**



### DESCRIPTION

Rig Expert Tiny Digital Mode Interface, The RigExpert Tiny interface provides a CAT port (transceiver frequency and mode control using a computer), a second serial port (PTT push-to-talk and/or CW output), as well as the soundcard-to-transceiver audio interface. The transceiver and computer connections are made using pre-wired cables for your specific rig. The computer connection uses the USB port, freeing up your serial (COM) ports for other needs. A separate power supply for the RigExpert Tiny interface is not needed as it is powered by your USB port. Five LED's on the top panel display the device status, helping set up the computer software and monitor functions during on-air operation.

The RigExpert Tiny interface is fully compatible with all amateur radio software running under Windows 98/ME/2000/XP/2003/Vista/Windows7. Also supported are the Linux and MAC OS 8/9X operating systems. Software programs like DigiPan, MixW, MMTTY, MMSSTV, EchoLink, Ham Radio Deluxe, DXBase and CQ-Log just to name a few are fully supported.

A block diagram of the RigExpert Tiny is shown to the left. The "heart" of this unique interface is a dual-port USB converter chip. In this diagram, both ports are set up to operate in serial mode. One of the ports transmits and receives the CAT system data, while the other port drives the PTT and CW outputs.

After the RigExpert Tiny is connected to the computer and the drivers are installed, two serial ports of your choosing (i.e. COM8 and COM9) are available for the software.

Two separate serial ports within the USB cable are just one of the many unique features of the RigExpert Tiny interface. The simultaneous use of two separate programs is an important asset to you as seen in the illustration to the right. One port operates the digital mode (driving the PTT and CW outputs). The other port controls your QSO logging software working with the CAT

system. The diagram on the right shows the RigExpert Tiny using the popular MMTTY and DX4WIN programs.

Two bi-directional voltage dividers are used in the audio signal I/O paths from the computer to transceiver providing fast and error free audio transfer. All input and output lines are fed through R/C filters to attain the highest interference and RFI suppression possible.

The computer to transceiver cable length is 2.5m (8'2"). Needless to say, all cables are fully shielded.

TTL-I-1 - Yaesu FT-100, FT-817, FT-857, FT-897

CI-V-3 - Icom IC-703, IC-706 (all modes), IC-718, IC-7000 (using DIN-13 ACC socket) IC-7200, IC-7300, IC-7410, IC-9100