

SCS PTC-IIex RADIO MODEM

"The Fastest Data Over HF SSB Radio"

Send wireless e-mail, transfer files, use real-time data links, and access weather information. The PTC-IIex modem from Special Communications Systems (SCS) of Germany is an affordable PTC data interface or terminal node connector (TNC) between your PC and HF, VHF, or UHF radio. SCS developed PACTOR I, II, and III protocols and the PTC-IIex is fully capable of using all of the robust PACTOR modes.



The PTC-IIex is capable of maintaining reliable data links in adverse conditions with radio signals that are inaudible over distances of 6,000 miles (9,656 km) or more. The PTC-IIex has the same performance and most of the features of the PTC-IIpro with the exception of direct modem to radio control and multiple ports. The PTC-IIex is fully compatible with the new PACTOR III mode for data rates as high as 4800 baud (with optional firmware upgrade).

Powered by a 32-bit Motorola 68360 RISC Central Processing Unit (CPU) and 56303 Digital Signal Processor (DSP). The PTC-IIex is the latest technology for high speed HF radio digital data transfers. Packet radio operation for VHF and UHF radio are capable of 19.2K baud rates is built-in with no additional hardware required.

This unit is compatible with radios from manufacturers such as ICOM, Yaesu, Furuno, Kenwood, SGC, etc. that have a transceiver switching time of 20 ms and adequate cooling for sustained high power operation. The PTC-IIex is compatible with commercial service networks such as Sailmail (www.sailmail.com) as well as the international network of free Winlink (www.winlink.com) amateur (ham) radio operators (MBOs) that support PACTOR modes. Compatible with Microsoft operating systems DOS, 95, 98, ME, NT, 2000, XP, and Vista.

SPECIFICATIONS

Dimensions:	1 11/16 x 4 7/8 x 7 3/16 inches (43 x 126 x 183 mm)
Weight:	19.5 ounces (550g)
Voltage:	12 VDC nominal, 20 VDC max
Power:	3 watts average (200 mA at 13.8 VDC)
PC Interface:	RS232 / DB-9 serial port, AT type
Audio out:	5 to 3000Mv P-P, 1k ohms impedance
Memory:	2 MB CMOS with battery backup
Operating Temp:	14 to 122 degrees F (-10 to 50 degrees C)

OPTIONS: • **SCS PTC-II USB \$1248 (with Pactor III)** • Xaxero WeatherFax 2000 for PTC \$99 • Custom made PTC-IIex to ICOM power/data cable with 2 ferrite chokes \$67 • Y cable for GPS data \$46 • USB to Serial Adapter \$49



**Includes Pactor III
upgrade - firmware
license included
\$169 Value**

\$998