

PTC-II



Standard features:

PACTOR-II, PACTOR-I, AMTOR, NAVTEX, RTTY

PSK31 With spectroscope display on the tuning display.

SSTV All different kinds of SSTV. Useable with nearly all available software. Special JVComm32 mode!

FAX Including AM-FAX for Meteosat.

Audio denoiser/filter. The PTC-IIpro is fully usable as DSP-filter for all modes. Features: Auto-peak, auto-notch, passband-filter, inversion, delay-line, function-generator.

CW-Terminal CW-operation (RX and TX) with automatic speed adaption using high performance DSP-algorithms.

Three simultaneously available communication ports: HF and up to two VHF/UHF Packet ports.

Separate transceiver control port for remote operation of Icom, Kenwood, Yaesu, R&S and SGC equipment.

32-bit system with Motorola 68360 as CPU, clocked at 25 MHz.

24-bit Motorola DSP 56303 clocked at up to 100 MHz (computing power: 100 MIPS)

Firmware stored in flash memory. Easy update via serial RS232 link to the PC. The update is free of charge and available from many Packet-Radio mailboxes and from this Internet site.

Mark and space frequencies are freely programmable in 1 Hz steps.

Audio output-levels for all PSK- and FSK-modes programmable seperately.

Build-in mailbox with comprehensive features and simultaneous access from allmodes (PACTOR-I & II, AMTOR, PACKET).

Programmable squelch function for RTTY operation.

Battery backup for the clock and C-MOS RAM. No mail-loss when switched off.

Mail display at the frontpanel shows the operator at once if there is a new mail for him.

Excellent tuning display with 15 2-color-LEDs with center-function. The antique X-Y-tube display is not required any more.

All significant link and controller stati are displayed at the frontpanel with 2-color LEDs and on the terminal-screen.

10-character dot-matrix-display for mode and other parametes as the callsign of a connecting station and much more.

Channel-busy detection displayed on the PTC-display as well as on the terminal-screen.
Comprehensive filtering of all in- and outputs for excellent electromagnetic compatibility.
HF <--> VHF/UHF gateway and crossband digipeating with comprehensive and automated link establishment features from remote.
Hostmode, extended hostmode, CRC-hostmode. Full compatible to nearly all modern PC programs.
Fully integratable in FBB/Winlink networking and mailing systems.