When what you need is speed, you need the PK-96. Our PK-96 1200/9600 bps packet controller comes standard with 1200 bps AFSK tone signaling, as well as 9600 bps K9NG and G3RUH compatible direct frequency modulation, making it a truly high-performance data controller! The PK-96 not only makes an excellent terrestrial or satellite data controller, it also can be used for high-speed data links between packet systems.

TheNet compatible. Now network builders can add a 9600 bps port to their TheNet network with no hassles. Call Timewave direct to find out the details about the PK-96 TheNet software.

Gateway as a Node. The PK-96’s Gateway firmware acts as a full service node. Up to three other users can digipeat or “node-hop” through your PK-96 while you communicate with another station. You can even restrict certain users from digipeating or “node-hopping” through your PK-96.

Full-featured mail facilities. In addition to the speed, the PK-96 comes standard with 128K RAM which offers 100K of battery-backed MailDrop memory. MailDrop allows you to automatically receive and reverse-forward messages and control third-party traffic.

Extra commands add extra value, extra control. In addition to our famousHOST mode, special commands not found in all data controllers are included in the PK-96.

Other features include:
- Hardware “true DCD” state machine for open squelch operation.
- Hardware HDLC ensures accurate protocol conversion at 9600 bps.
- Modem disconnect header for installing other modems.
- Separate 1200/9600 TX level controls on back panel.
- Identifies TCP/IP, NET/ROM, and TheNet stations.
- Special EXPERT disable option eases the learning process by limiting the command set.
- PK-Term for Windows compatible.
- Comprehensive manual which illustrates radio connections.
- Includes open-ended radio cable, power cable and RX audio cable.

If you’re serious about packet radio, the PK-96 is the obvious choice. The PK-96 allows you to communicate on existing 1200 bps packet systems as well as with the new 9600 bps systems coming on line.

### Specifications for the PK-96

**Demodulator**
- 1200/G3RUH and K9NG compatible 9600

**Modulator**
- Phase continuous AFSK 1200/9600 bps direct FSK

**Modulator output level**
- 5 mV-1 V RMS rear panel adjustable

**Processor system**
- Zilog Z180

**RAM**
- 128K standard

**Hardware HDLC**
- Zilog Z8530

**Power requirements**
- +12 to +16 VDC @ 400 mA

**Input/Output Connections**
- Radio interface 5-pin DIN connector
- Terminal interface RS-232C DB-25 connector with hardware/software handshake
- Terminal data rates Autobaud settings at 300, 600, 1200, 2400, 4800, 9600, and 19,200 bps

**Physical**
- Dimensions 6.13” (156mm)W x 7.4” (188mm)D x 1.35” (34mm)H
- Weight 1.2 lbs (0.54 kg)