

PK-232/PSK

Timewave

Sound Card Interface Upgrade for the PK-232 Multi-mode

A quick and easy interface for PSK-31 and other new sound card modes.

Timewave's customers swear by their DSP filters and PK-232 owners love the flexibility and reliability of the most popular data controller ever built. The PK-232/PSK daughter board brings a new level of performance to the legendary PK-232 with transformer isolation on both audio input and audio output connections to your sound card. The PTT and audio I/O connections to your radio use your existing AFSK cable set. The PK-232/PSK upgrade will add all of the new sound card modes to your operating agenda, not just PSK31!

PK-232, The Standard in TNC design

The PK-232 was designed in 1985 before the advent of affordable DSP technology. The filters in today's analog TNCs were state-of-the art in 1985, but they pale beside the performance of DSP filters. (We know a bit about RTTY/data filters - old and new. Timewave built a DSP Terminal Unit for the U.S. Navy in 1988, before most amateur radio companies could even spell DSP! Unfortunately, \$3000 for a TU was a little high for the average ham, so we put DSP on hold for the ham market until 1993.) After the success of the DSP filter upgrade for the PK-232, Timewave has added the interface needed for the next generation of sound card based operating modes.

Sound card transformer isolation in and out

Timewave's engineers examined the new sound card applications and added the necessary sound card isolation and PTT control to keep your PK-232 current with the newest operating advances. This upgrade allows you to explore all of the new sound card applications as they become available.

Software controlled and mode independent

The sound card mode is software controlled. For example, when operating with PK-TERM'99, changing to PSK31 from Pactor is a simple menu click. To run programs like

Features

- Works with all sound card software
- Transformer isolation for sound card input and output connections
- Radio connection uses your existing AFSK cable set
- Software or keyboard control
- Sound card cable provided
- Works with all existing PK-232s
- Owner installation

PSK31, SSTV, MT63, Hellschreiber, and MFSK16, as well as future new modes, just run Timewave's ModeSwitch® program or enter a few short keyboard commands prior to executing the sound card application. (Most popular programs will integrate new commands into a single mouse click as soon as the upgrade is available.)

Easy Installation

Installation in the PK-232, PK-232MBX and PK-232/DSP is easy. If you have installed a PK-232MBX or DSP daughterboard, you already know how to install the PK-232/PSK daughter-board. It's as simple as plugging in the daughterboard, soldering a few connections, and clipping a couple of component leads. There are some variations of the procedure, depending upon which version of the PK-232 you have. The upgrade comes with complete instructions, in addition to Timewave's on-line and telephone support. Dealer and factory installation is also available.

Automatic operation

The PK-232/PSK supports all the new sound card modes in addition to all of the existing PK-232 modes - Pactor, VHF/HF Packet, AMTOR/SITOR, Baudot, ASCII, Morse, HF Weather FAX, TDM, and NAVTEX. Use PK-TERM'99 software for seamless operation! The PK232/PSK upgrade is complete with a sound card/PK232 cable. If you use your existing PK-232-to-Radio AFSK cable set, you'll have no cables to build nor complicated plugboards to patch.

Specifications

Size	1.5 x 4.9 inches
Power	13-16VDC @ 20 mA, provided by PK-232
Housing	Mounted inside the PK-232

