

As a rule, we do not endorse or support any specific sound card software. However, we do have a personal choice; It is ***MultiPSK***. *MultiPSK* enables us to get the most "bang-for-our Buck" from our RASCAL interface series.

RASCAL GLX, RASCAL II+, or RASCAL III users will find that most any digital mode they wish to use is supported by a program with the title of "***MultiPSK***", **written by Patrick Lindecker F6CTE**. The MultiPSK program is **FREE** and program can be downloaded at: http://f6cte.free.fr/index_anglais.htm

A quick look at a few of the modes supported by MultiPSK: **PSK31**, **MT63**, **MFSK**, **PACTOR I(TX/RX)**, **SSTV**, **DIGSSTV**, **ACARS**, **THROB**, **APRS**, **CCW/CW**, **PSKFEC31 /63/PSKAM**, **PSK220F**, **RTTY**, **HELL**, **CW**, **FSK**, **OLIVIA**, **PAX/PAX2**, **Chip64/128**, **Video ID**, **Domino EX FEC**, **DIGIVOICE**, **RTTYM**, **CONTESTIA**, **TCP/IP digital modem**, **ALE400(ALE141A)**, **JT65**, **IQ**, **CALL ID**.

We don't have enough room here to detail all the digital modes supported by Patrick's MultiPSK, however we will list a few of the *many* modes supported by MultiPSK. They are:

- **Phase Shift Keying modes:**
 - BPSK: BPSK31-63-125-250 / CHIP (64/128) / PSK10 / PSKFEC31 / PSKAM10-31-50
 - BPSK with SSTV: PSK63 F - PSK220F + DIGISSTV "Run"
 - QPSK: QPSK31-63-125-250
 - MPSK: MT63
 - PACKET BPSK1200-250-63-31 + APRS+ DIGISSTV "Run"
 - MIL-STD-188-110A - 4285
 - HFDL
- On-Off Keying Modes: CW / CCW-OOK / CCW-FSK / QRSS
- **Frequency Shift Keying modes:**
 - **PACKET**: 110-300-1200 bauds + APRS+ DIGISSTV "Run"
 - **PACTOR 1** / AMTOR FEC-Navtex / AMTOR ARQ / SITOR A
 - **ASCII / RTTY** 45-50-75-100-110-150-200 / SYNOP + SHIP / IEC 870-5
 - 1382 / GMDSS DSC / **ACARS (VHF)** / DGPS / NWR SAME / ARQ-E / ARQ-E3
- **Multi Frequency Shift Keying modes:**
 - **MFSK8** / MFSK16 (+SSTV)
 - **OLIVIA** / Contestia / RTTYM / VOICE
 - **THROB/THROBX**
 - **DominoF** / DominoEX
 - **PAX** / PAX2
 - **Automatic Link Establishment** (see <http://www.hflink.com>) MIL-STD-188-141A+ **ARQ FAE** / ALE400 + ARQ FAE
 - **DTMF, SELCAL**
 - **JT65** (A B and C)
 - **COQUELET**
- **Hellschreiber modes: FELD HELL** / FM HELL(105-245) / PSK HELL / HELL 80
- **Graphic modes:** HF FAX / SSTV / PSK SSTV modes (mentioned above) / MFSK16 SSTV (mentioned above)
- **DSP modes:** Filters / Analysis / Binaural CW reception
- **RTTY, CW**, BPSK31, BPSK63 and PSKFEC31 Panoramics
- **Identifiers:** Video ID / RS ID / Call ID
- **TCP/IP** digital modem
- Integrated SDR demodulator/modulator

The current version of **MultiPSK 4.20.1** and **Clock 1.9** also include "The radio driven digital clock", which is bundled with MultiPSK, provides date and time from **FRANCE-INTER**, **DCF 77**, **HBG**, **RUGBY**, **WWVB**, **WWV**, **WWVH**, **CHU**, **RAI**, **JJY**, a **GPS** or **Internet**. Not to forget the New maps to download for **APRS**, **SYNOP/SHIP**, **ACARS**, **GMDSS**.

AND the list goes on; There is a detailed abstract of the digital modes supported by MultiPSK, displayed at: http://f6cte.free.fr/multipsk_e.htm You will simply have to go there to see all the modes supported by MultiPSK. Simply put; MultiPSK "Is a work-of-art." The program can be downloaded at: http://f6cte.free.fr/index_anglais.htm

An for the operator's in other countries, there are MultiPSK software in many other languages.

Have Fun with the digital modes, es 73 de Buck4ABT. Visit: www.BUXCOMM.com