



# RADIOWORLD

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## DIGIKEYERII - All in one USB interface

**£229.96**

### DESCRIPTION

- Compatible with most standard Windows software:
  - Special microHAM USB Device Router creates as many virtual COM ports as needed to support your favorite programs
  - Customizable presets allow instantly changing configuration when switching programs
- Macintosh OS-X Support:
  - Compatible with and supports MacLoggerDX by Dog Park Software
  - Compatible with and supported by cocoaModem and  $\mu$ H Router by W7AY
- Integrated control port for all radios: CI-V, FIF-232, IF-232, RS-232
  - Fully supports Elecraft, Icom, JRC, Kenwood, Ten-Tec, and Yaesu radios
- Dual Channel Receive:
  - Supports simultaneous, independent receive with dual receiver radios
  - Independent, front panel level controls for each receiver
- Front Panel Level Adjustments:
  - Pots for Transmit level, Main Receiver level and Aux receiver level
  - No need to fumble with Windows Mixer to control levels
- Integrated K1EL WinKey chip with extended capabilities:
  - Front panel speed knob
  - Nine (9) user programmable memories
  - Internal paddle buffer for improved reliability.
  - PS/2 keyboard support for direct CW generation.
  - PS/2 keyboard/keypad CW; works without a computer connection
  - Auto PTT
  - All parameters are stored in EEPROM and reloaded on power up
- Hardware generated FSK:
  - Capable of sending 5/6/7/8 bits and 1/1.5/2 stop bits
  - PS/2 keyboard support for direct FSK transmission without a computer
  - PS/2 numeric keypad support for instant FSK message playback
  - PS/2 keyboard works without a computer connection
- Sound card Right channel audio detector and FSK/CW driver:
  - capable of sending 5/6/7/8 bits and 1/1.5/2 stop bits
  - Provides a "hard keyed" CW output for software that generates only audio (sidetone) CW
- Utilizes your radio's rear panel connections (where available):
  - All audio input and output is via rear panel connections
  - Leaves your mic connection free for the microphone
  - PTT controls mute the microphone on supported radios
- Independent keying buffer for Power Amplifier:
  - Extended range solid state output for modern PA
  - Relay isolated output for vintage PA with negative voltage T/R relay
- Independent keying buffer for Low Noise Amplifier switching:
  - Extended range solid state or relay isolated outputs
  - Bypass LNA before activating both PTT circuits for EME or scatter

- Footswitch input with programmable functions:
  - Programmable PTT activation delay in 1ms steps
  - Selectable muting of CW and/or FSK when footswitch is closed
- Squelch input for signaling to computer:
  - Two inputs: one active low, second active high
  - Ideal for Echolink and remote interfacing applications
- No external power adapter (where the radio provides auxiliary power):
  - No noisy DC to DC converters
  - USB and Sound chip are powered from the computer USB port
  - Controller is powered from transceiver or transceiver power supply
- Will not overload your USB port
- Strong RFI immunity:
  - Integrated chokes and filters for best RFI immunity
  - Advanced shielding and circuit design to suppress RFI generation
- Input/Output connectors:
  - Computer: USB, Radio: DB15
  - Remote - MiniDIN6, Amplifier keying - RCA, LNA keying - RCA
- LEDs for CW/FSK and PTT and Squelch
- Metal/Aluminum case, powder coated and silk screened
- Free firmware/software upgrades via internet

The DIGI KEYER II is a powerful All-In-One USB interface for ham radio digital mode operation including RTTY, PSK31, MFSK, Olivia, WSJT, APRS, PACKET, and many others which builds on the proven DIGI KEYER. DIGI KEYER II includes a rig control interface for all supported radios (Elecraft, Icom, JRC, Kenwood, Ten-Tec, and Yaesu), an internal Stereo sound chip using standard Windows Sound drivers, K1EL WinKey CW Keyer, and independent PTT outputs for both LNA and Power Amplifier control.

Package contains: DIGI KEYER II , CDROM with drivers, control software and manual, USB A-B cable 2m (6.5ft) long, and one radio cable (specify your radio).

#### Features

- No serial or parallel port required - just one USB port:
  - Fully integrated: Sound Radio Control, true FSK and PTT
  - Computer sound card is not used
- Complete "Computer <-> Radio" electrical isolation:
  - Transformer isolation between sound circuits and radio
  - Optical isolation between USB port and of ALL digital signals: Radio Control, CW, PTT, FSK, PA PTT, & LNA PTT
- Standard Sound Device - no custom drivers: The USB Sound Device is an industry standard