



**For immediate release**

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## **Elecraft K3 HF/6m, 100-W All-Mode Transceiver— Factory Assembled or Modular, No-Soldering Kit**

**Elecraft's state-of-the-art K3 transceiver offers a unique combination of ultra-high performance *and* affordability.** Both 100-watt and 10-watt (upgradeable) models are available. Starting at under \$2,000 for the 100-W assembled model (K3/100), the rig is comparable in both features and performance to transceivers listing at up to six times its price.

**In a first for the industry, the K3's identical main receiver and subreceiver each feature a high-dynamic-range, down-conversion analog architecture.** This allows Elecraft to provide roofing filters with bandwidths as narrow as 200 Hz, while up-conversion designs have roofing filters typically 3,000 to 15,000 Hz in width. Unlike some competing down-conversion designs, the K3 also provides 6-meter coverage, as well as continuous tuning from 0.5 to 30 MHz. Each receiver has its own bus-switching mixer, narrow ham-band front-end filters, 32-bit I.F. DSP, low-noise synthesizer, and up to five crystal roofing filters.

**Both fixed- and variable-bandwidth crystal filters are available.** The variable filters are available in both data/CW and voice-mode bandwidths, and allow close tracking between crystal and DSP filtering — a feature not available on any other rig at any price.

**The K3 is the only deluxe transceiver that is targeted at both home *and* field use.** Weighing just 8 pounds and having dimensions of 4" x 10" x 10" HWD (10 x 25 x 25 cm), it's well-suited to demanding DXpedition or Field Day operations. Its receive-mode current drain of less than 1 amp greatly facilitates battery or solar-powered mobile/RV/marine installations. But unlike smaller portable transceivers, the K3's user interface is optimized for ease of use, and its feature set rivals units many times its size and weight.

**The transceiver is offered both factory-assembled and as a modular, no-soldering kit.** Either way, K3 owners can start with a basic version of the transceiver, at lower cost, then easily add modules later, such as the internal subreceiver, ATU, and 100-W stage. To ensure identical performance of both pre-built units and modular kits, modules are 100% assembled and tested at the factory. Builders learn the radio theory behind each of the modules during assembly, and acquire skills that will enable them to easily add future modules or upgrades.

**Two 32-bit digital signal processors provide true software-defined features, along with expansion memory to handle future signal processing tasks and operating modes.** The operator will have full control over any operating situation, with 8-band receive and transmit EQ, stereo speaker/soundcard outputs, binaural effects, and advanced noise reduction. Also included is built-in PSK31, CW, and TTY decode/encode, so the operator can enjoy the excitement of data communications with or without a computer. The rig's rich I/O complement includes an isolated sound card interface, front/rear mic/phone jacks, dedicated serial I/O, and band data. An optional module provides transverter in/out and RX antenna in/out jacks. The latter allow the use of RX-only, in-line filters for extreme operating environments.

**Available options include:** built-in 100-W automatic antenna tuner with two antenna jacks (KAT3), subreceiver (KRX3), general-coverage filter module (KBPF3), 100-W stage (KPA3), RF I/O unit (KXV3), and digital voice recorder (KDVR3). Orders can be placed via Elecraft's web page at <http://www.elecraft.com> or directly by phone at 831-662-8345.