

ELECRAFT® K1 Multi-band HF Transceiver Kit



The K1...A compact, high-performance CW rig that you can build

HF operation is more exciting than ever–five watts is all you need to work world-wide DX. Every band offers something different, too. That's why we offer swappable band modules for our affordable, easy-to-build K1 ORP transceiver. Each 2-band module covers your choice of 80, 40, 30, 20, 17, and 15 meters, in any combination. You can build additional 2-band modules (**KFL1-2**) at any time.

"I Can't Believe It's a Kit!"

As suggested by the 9-volt battery in the photo, the K1 is *small*–only 2.2"H x 5.2"W x 5.6"D and 1.4 lbs. Yet we've included many "big-rig" features, including RIT and XIT, full break-in CW, memory keyer, three crystal filter bandwidths, speaker, and digital display. The K1 is styled to match our all-band K2 transceiver, with the same "look and feel," attention to detail, and operating *mojo* you'd expect from Elecraft.

An HF radio you'll never leave at home

Looking for adventure? With its low receive mode current drain of about 55 mA, the K1 is a natural for portable operation. Add the internal battery (KBT1) and internal auto-tuner (KAT1) to create a fully integrated station.

Ideal for first-time kit builders

We use only through-hole components in the K1 to make assembly a breeze. Our modular, "wirelesss" design methodology eliminates point-to-point wiring, too: the front panel and filter modules plug directly into the RF board to form a clean, rugged assembly. If you can solder, you can build the K1. You'll be tempted to leave the cover off to admire your work!

You also won't need a lab-full of test gear to align the K1. It includes a built-in digital voltmeter, wattmeter, and frequency counter.

Comprehensive Assembly Manual

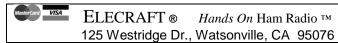
You'll find the K1 manual easy to follow, with step-bystep assembly, clear illustrations, photos, and modular check-out of major sections. There's a detailed circuit details section, and a complete troubleshooting guide.

Strong Customer Support

Our technical support via telephone and the Internet will get your Elecraft K1 up and running quickly. Online manuals, application notes, and our user group e-mail list make building the K1 a great experience.

	K1 STANDARD FEATURES	Spe	cifications and Pricing subject to change without notice
	Covers up to 150 kHz of each HF band Rugged, attractive custom enclosure Small size. 2.2h x 5.2w x 5.6d inches; 1.4 lbs. 9-15 V operation (12 V nominal); only 55 mA RX 10-turn VFO potentiometer for smooth tuning BNC antenna connector – a QRP/portable standard		Easy-to-read 3-digit LCD for text and bar graph 100 Hz frequency display resolution RIT and XIT with dual-color LED status indicator Built-in high-sensitivity speaker Menu system for configuration and calibration XIT button can be used as a programmable function
	RECEIVER		
	Single-conversion superhet receiver; 4.915 MHz IF Receive sensitivity: 0.15 μV (attn. Off, typical.) Narrow double-tuned bandpass filters Bar graph S-Meter mode		Switchable attenuator with LED status indicator Sharp 4-crystal filtering helps prevent receiver overload from signals outside the RX passband Three programmable crystal filter bandwidths
	TRANSMITTER		
	Adjustable CW power output, 0-5 watts or higher Rugged, SWR-protected PA transistor		Harmonics/spurious outputs: better than -40 dBc Diode-switched full break-in; programmable delay
	CW FEATURES		
_ _	Built in memory keyer with iambic modes A and B $9-50$ wpm with int. keyer, >70 WPM ext. keying Two 80-byte message buffers with auto-repeat		Programmable message repeat interval, 1-250 sec. Keying jack can be used with a hand key or computer as well as a keyer paddle
	OPTIONS		
	KFL1-2 Two-Band Filter Module: Two bands of your choice (80, 40, 30, 20, 17, and 15 meters). KAT1 Internal Automatic Antenna Tuner (ATU): Fast tuning; instant recall of L/C settings on each band: latching relays for zero current drain.		KBT1 Internal Battery Adapter: 8-AA cell pack with custom battery bracket, easy-off top cover, speaker, and recessed on/off (disable) slide switch. KNB1 Noise Blanker: Attenuates pulse-type noise.

Please see our price list or website for current pricing.



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