

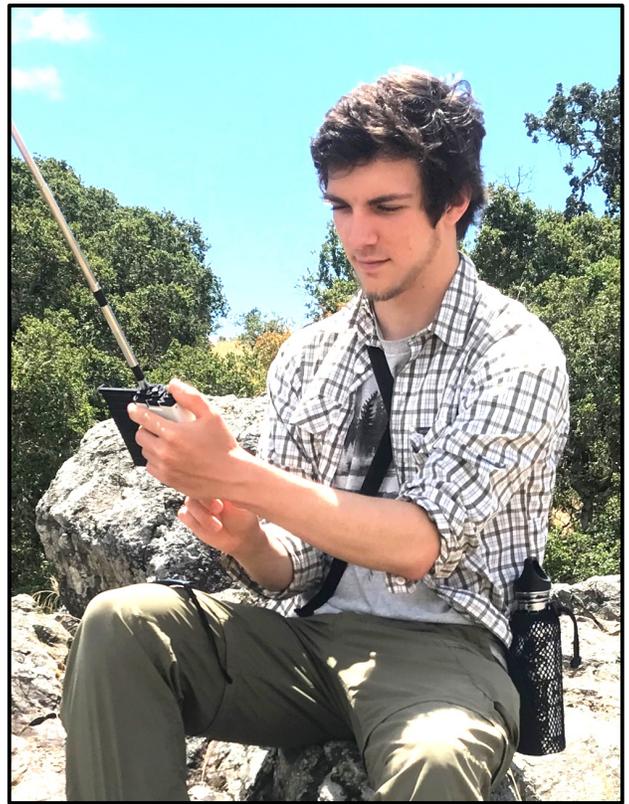
The KH1: Your E-Ticket to Adventure

Imagine a complete, 5-band station that disappears into a back pocket...with integrated log tray, pen, antenna, ATU, keyer paddle, and large internal battery. Grab your KH1 and rediscover the urban/wilderness boundary!



Top end panel includes BNC jack, ground screw, whip band switch, & whip mount. Battery can be accessed via the hinged back cover.

ES20 carrying case has room for the KH1 & all accessories. Includes belt straps, D-hooks, & carabiner.



KH1 Specifications

GENERAL	SIZE , enclosure only: 1.4"H x 2.4"W x 4.4"L (3.5x6.1x11.2 cm). With protrusions, 5.6"L (14 cm). WEIGHT : ~7 oz. (0.2 kg). With all options except ES20 bag, ~13 oz. (0.36 kg). SUPPLY : 8-15 VDC @ 50-70 mA RX (no signal), 0.5-1.0 A TX. FREQUENCY RANGES : RX, 6.7 – 22.0 MHz; TX, 40/30/20/17/15 m ham bands. VFO FEATURES : RIT, XIT, VFO lock, configurable steps sizes, and per-band scratchpad memory.
RECEIVER	ARCHITECTURE : Superhet with variable-BW crystal filter. MDS : -130 dBm (typ). ATTENUATOR : -12 dB, switchable. MODES : CW/LSB/USB receive; allows cross-mode (CW TX, SSB RX). S-METER & AGC included.
TRANSMITTER	POWER OUTPUT : 5 W nominal, all bands, at 11 VDC. SWR TOLERANCE : Infinite. Auto-power rollback on excessive reflected power. SIDETONE : 500-800 Hz. KEYER : 8-50 WPM. Iambic A and B, paddle reverse, and hand-key mode. 3.5 mm KEY jack can be used with KHBT1 or other paddles. 3 messages; auto-repeat.
ATU	ATU works with both BNC jack and whip-mount post (M4 x 0.7 thread). Matches most antennas on multiple bands to < 2.5:1. Slide switch selects 15/17 m or 20 m high-Q inductance for whip, or center-off setting for ATU use with BNC jack (bypasses whip inductor). 1-4 s matching time. Per-band L/C memories.
ADDITIONAL FEATURES	FULL REMOTE CONTROL & FIRMWARE upgrades via supplied USB-A cable. SCANNING : live-audio scanning with visual spectral display (8 amplitude levels). TEXT LOGGING : 32 kB of recorded TX text, with time stamping and data upload function. RTC (24-hr). TEXT DECODE & CODE-PRACTICE MODE . TX MONITORING : voltage, current, PA temp, SWR, power. SPEAKER : 25x16 mm; ~0.5 W peak AF output.
OPTIONS (Included with Edgewood Package; also sold separately)	KHATU1 Antenna Tuner: Supplied with whip and its matching inductor, 13' (3.9 m) counterpoise wire, and 2 whip-storage clips. KHPD1 keyer paddle: Flips down for transport, and up during use (away from knobs). KHLOG1 logbook tray: includes mini-ballpoint pen. User can print/trim log sheets from on-line .pdf file. KXBT2 rechargeable Li-Ion battery. KHIBC1 internal charger. ES20 custom, zippered carrying case. NOTE : The KH1 is also compatible with the KXBC2 external charger (fast-charges battery outside radio).
PACKAGES	BASIC KH1 : Includes KH1, power cable, USB cable, manual. EDGEWOOD : Includes all BASIC KH1 items, plus all options listed above (excluding the KXBC2).