Elecraft KH1 Cheat Sheet

KNOBS

Left knob –
 AF Volume control - 00-30 (increments of 1)
  Tap – A knob – Monitor volume 00-30 (increments of 1)
    V knob – Pitch tone 500-800 (increments of 10)
  Hold – Spot
Right knob -
 VFO Frequency tuning
  Tap – Selects 10 or 100 Hz tuning rate
  Hold – Select 1 kHz tuning rate

SWITCHES 1-4

Tap 1 – Reduces keyer speed by 2 wpm
Tap 2 – Increases keyer speed by 2 wpm
Tap 3 – Antenna tuner looks for best match
Tap 4 – Starts message operations
  Tap 1, 2 or 3 – Play msg once
  Hold 1, 2 or 3 – Repeat msg as set up in menu
  Hold 4 – Brings up Record function
    Tap 1, 2, or 3 – Record msg (tap any switch to end)
    Hold 4 – Alternates between msg groups
Hold 1 – Goes into receiver controls
  Tap 1-3 – Selects filter bandwidth (0.3 kHz, 0.5, 2.0)
  Tap 4 – To exit
  Hold 1-3 – Selects attenuation level (0dB, -10, -30)
  Hold 4 – Turns on/off RIT offset
Hold 2 – Goes into programmable function and transmitter
  controls
  Tap 1-3 – Executes programmable function
  Tap 4 – To exit
  Hold 1 – Puts transmitter into TUNE mode
  Hold 2 – To select LO (2W) or HI (5W) power
  Hold 3 – To put transmitter into TX TEST mode, for CW
  practice
  Hold 4 – Turns on/off XIT offset
Hold 3 – Enters BAND/MODE
  Tap 1 – Go to next lower band
  Tap 2 – Go to next higher band
    SWL band above 15M (6.7-22.0 MHz)
  Tap 3 – Exchanges **V**FO frequency with Scratchpad **M**emory
  Tap 4 – To exit
  Hold 4 – Locks (unlocks) VFO
Hold 4 - Enters MENU

MENU

*ADJ AGC V To set the AGC voltage
*ADJ BFO To optimize BFO frequencies
*ADJ BIAS To set PA bias current
*ADJ BPF Tunes the receive band-pass filter
*ADJ DATE To set the date
  Tap 1 – Exit, Tap 2 – Set month, Tap 3 – Set day, Tap 4 – Set year
*ADJ OSCID To select MCU I/O address for local oscillator IC
*ADJ PWR To adjust power output
*ADJ REF Calibrates the synthesizer reference frequency
*ADJ RTC To improve built-in real-time clock accuracy
*ADJ SMTR To set S-meter's S9 level
*ADJ SWR To null the SWR bridge
*ADJ TIME To set the time
  Tap 1 – Exit, Tap 2 – Set hours, Tap 3 – Set minutes, Tap 4 – Set seconds
*ADJ WMTR To calibrate the watt meter
ATU MODE Not Inst, Bypass, **Auto**, K1-8 Test, GP0-7 Test, COM Test
*ATU PARAM To view and change ATU L, C, and Z
  Tap 1 – Exit, Tap 2 – view/set L, Tap 3 – view/set C, Tap 4 – view/set Z
DISP MODE V/I/Temp, **Operate**
*EE INT Reinitialize <u>all</u> stored parameters or just <u>operational</u> parameters
FIRMWARE x.xx
*KEY IAMB Select Iambic keying mode A or B
KEY JACK **Pdl Norm**, Pdl Rev, Hand Key, RS232
KEY WGHT 1.00-**1.25** (increments of 5)
*LOGGING To configure and use CW text logging
MSG RPT 001-250 sec (**006**)
PAN MODE Off
PAN SPAN **10**-60 kHz (increments of 10)
PAN THR -06**+00**+06 **AFCMP=0**-1
PFn FUNC (n=1-3) **Unset** (menu functions)
RIT CLEAR **Use with PFn**
SERIAL NR 00149
*SW TONES Emit switch-event acknowledgement tones
TEXT DEC **OFF**, TX ONLY, TX & RX,
VBAT **A-hr:TBD**
VFO FAST **100**-500 **Hz** (increments of 100)

* Menu entries locked (hold switch 4 to unlock)

(Prepared by K6GPB)