

OVERVIEW	K2 Quick Reference Card	Display Filter # & BW: Press Xfil + AGC	AGC ON/OFF: Press PRE/ATT + AGC
	Top Label =Tap		
	Bottom Label =Hold ½ second	Restore factory default: (RESET ALL K2 FUNCTIONS) Turn off K2, hold 4,5,6 and turn back on.	
	Display: Volts / Amps		
	Play/Rec Keyer: Press MSG ; Press 0-9	Direct Frequency Entry: Tap BAND+ + BAND- , Enter 4 or 5 digits	
	Auto repeat: Tap MSG , Hold 0-8	Set Power to 3 watts or less, before using ATU	
	PTT/SPEECH: Hold VOX ("L" or "U" flashes when in SSB VOX mode)	Scan - Setup (single-band scan only) Store VFOA (lower) & VFOB (upper) for band edges of interest. Select operating mode: preamp / attenuator, tuning rate. Press STORE ; Press 0-9	
	Lock: decimal flashes	Scan (initiate): Hold 0-9 when STORE or RCL a Memory.	
Test/Operate: Hold VOX , CW mode C flashes	Hold LEVEL once to set noise blanker threshold Low, Hold LEVEL again to set noise blanker threshold High		
Split frequency: A or B flashes when on	Tap NB once to turn on nb1, Tap NB again to turn on nb2, Tap NB again to turn off noise blanker		
RIT / XIT: 2 RIT/XIT Ranges +/- 0.6, +/-1.2 KHZ. flashes when RIT2 on			

PROCEDURES	Set BFO/FIL: FCTR in TP2, Band between 160-17M, Select CW, CAL FIL, Hold Edit. Band+=BW , Band-=BFO . Use Xfil and set up as shown in table below. [*t = SSB TX: change with caution!!] [**Use correct Calibration number from envelope]	Linearize VCO: FCTR in TP1. Select VFO frequency, CAL PLL, Hold edit. 1800.1, 3500.1, 7000.1, 10000.1, 14000.1, 18000.1, 21000.1, 24800.1, 28000.1
	S LO: RF Gain CW, turn VFO Knob CW until left segment turns off. About 180.	Program PF1/PF2: Most useful PF1/PF2 settings: RIT, ATU, SCAN, SSBC.
	S HI: RF gain CCW, turn VFO Knob CCW unit right segment just turns on. About 22	Peak bandpass max signal, then power out: (in order) 80: L3/L4; 40: L1/L2; 30: L8/L9; 20: C21/C23; 17: C32/C34; 10; L12/L13, 12: C44/C46
	Power Save: LCD Day, Grph off, Opt Battery, Preamp off, Use headphones	
	Frequency calibration: FCTR and external counter on TP1, select 28 MHz, match counters using CTRL-C22. [You must re-run CAL PLL (on all bands) and CAL FIL (tweak all BFOs) before you'll get any benefit out of the C22 change!]	VCO Align: Frequency set to 4000.1, DMM to left side of R30). Adjust L30 for 6.0 Volts

Mode	FL1	BF1t *	FL2	BF2	FL3	BF3	FL4	BF4
CW/REV (4913.6/4916.0)	OP1	4913.6/16.0	0.7	4913.1/14.3	0.4	4913.1/14.3	0.1	4913.0/14.2
LSB/USB (4913.5/4916.2)	OP1	4913.5/16.2**	OP1	4913.5/16.1	1.8	4913.0/15.5	0.7	4912.7/14.7

MENU COMMANDS			Select with main knob, BAND+ or BAND- , Hold EDIT to change:		
ST L / ST P: Set Side Tone [L]evel / [P]itch					
t-r: QSK delay. 0.02 Default		rPt: CW message Repeat intrvl		iAb: iambic A or B	
inP: Paddle hand, normal, reverse		LCd: night-backlight on, day off		GrPH: dOt, bAr, OFF	
CAL: Off, Fctr, FIL, PLL, CUR, S LO, S HI			PF1/2: Select User-programmed Function PF1/2		
SSbA: Audio, SSbC: Speech Compressor		rAnt: Aux Rec Ant switch OFF, ON per Band		OPt: Perf, Battery	
ATU: Automatic Tuning Unit			L0-L8 / C0-C8: Test individual ATU element		
CALn: Used for calibration of C55 (null). L/C set to 0; network set to Cin.			AUTO: Normal auto-tune; use with most antennas		
			POUT: Forward/Reverse power display		
CALP: Used for calibration of R1. L/C set to 0; network set to Cin.			ALT: Alternate auto-tune; use with short whips, etc. (much longer tune times)		
			Lxx.x / Cx.xx: Ind(uH)/Cap(nF) in use***		
CALS: Used to check SWR calibration. L/C set to 0; network set to Cin.			x.x-1: SWR from most recent tune-up***		
INFO CODES: 010 Battery Voltage too low, 80 IOC Problem, 81 AuxBus Problem, 90/91 EEPROM write test failed, 201 EEPROM initialized, 230 BFO not connected to Freq Cntr, 231 VCO not connected to Frequency Counter, 235 PLL Ref Oscillator range error,					

***(stored per-antenna, per-band)

BAND LISTING (Band, Band Segments, QRP Calling Frequencies-Novice**, **Europe**, **PSK31**)**

	CW						SSB			
160	1.8		1.81		1.838			1.843	1.91	2.0
80/75	3.5	3.56	3.579	3.58	3.71	3.75		3.69	3.985	4.0
40	7.0	7.035 7.04	7.080 7.035	7.03 7.06	7.110 7.112	7.15		7.09	7.285	7.3
30	10.1		10.106		10.116			10.140		10.15
20	14.0	14.06			14.070	14.15			14.285	14.35
17	18.068		18.096		18.100	18.11			18.13	18.168
15	21.0	21.06	21.110		21.080	21.2		21.285	21.385	21.45
12	24.89		24.906		24.920	24.93			24.95	24.990
10	28.0	28.06	28.110		28.120	28.3	28.36	28.385	28.885	29.7
K2									28.715	