

Second KARC Build - KH6MB designed high impedance tuner. June 2012 Coordinated and ordered by Kimo Chun, KH7U

P/N	Description	Qty	Cost per Kit		Vendor	Contact	Manufacturer	Notes
			Parts	Shipping				
NBA-10142	Enclosure, Box	1	52.71	16.00	Mouser Electronics	800-346-6873	Bud Industries	Ship UPS 2 Day
NBX-10980-PL	Panel, Enclosure 10.5" x 6.74" Plastic	1	8.92	incl				Internal subpanel
523-83-1R	83-1R SO-239 UHF Fem. Conn.	1	3.28	incl		800-346-6873	Amphenol	
RI-20	Inductor 0.1 - 20.0 uH 4500Vpk	1	90.00	24.00	Palstar, Inc.	eva@palstar.com	Palstar	Ship in one week.
custom	Capacitor 5.5 - 83 pF 4500Vpk	1	65.00	incl		800-773-7931		UPS Ground
coupler	1/4" shaft coupler for each cap/inductor	2	incl.	incl				
Brass Rod	Rod 1/4" dia x 1 - 2" 3 ft. = \$8.00	2	2.00	local	Hardware Hawaii			
450-1722-ND	Knob, Switch, 1/4" shaft	1	3.60	1.50	Digi-key	800-344-4539	TE Connectivity	Ship by US Mail
450-1750-ND	Knob, Switch, skirt & no. 1 - 10, 1/4" shaft	1	7.68	incl			B&F Fastener Supply	
H782-ND	Screw, Mach. S.S. Phil/Pan 4-40 x 3/8"	4	0.28	incl				
H724-ND	Nut, Hex S.S. 4-40	4	0.20	incl				
H713-ND	Screw, Mach. S.S. Phil/Pan 6-32 x 3/4"	10	1.00	incl				
H730-ND	Washer, Int. Tooth #6 Screw	10	0.20	incl				
H735-ND	Washer, S.S. #6 Screw	4	0.16	incl				
H725-ND	Nut, Hex S.S. 6-32	6	0.48	incl				
	Nut, Wing 6-32	2	1.26	local	Home Depot			
	Lug, Solder Spade	6+	1.00	local	Kimo Supplied			
	Hook up wire	TBD	1.00	local	Kimo Supplied			

238.77 41.50 Est.Total Per Tuner: 280.27

Prepayment: \$262.00 Collected balance later.

Per Kit prices & shipping based on minimum 5 units built (Enclosure discount at 5+)
Actually, 5 roller inductors and 6 capacitors ordered (xtras for KH6MB).

NOTE: Knob for inductor should be larger diameter for easier grip (inductor harder to turn). Knob skirt for cap should be numbered to aid in dialing in predetermined amounts of capacitance (based on your known antennas requirements). There are nicer knobs but they can be very expensive. MFJ sells a a larger 2" diameter knob P/N 760-2281-1, \$3.50 each and shaft couplers (metal ones) P/N 725-3105, \$ 0.95 each, that were purchased after the project build that were even nicer but the original knobs in this build are adequate. Your preference, price & availability may differ.

Digi-Key P/N	Hardware comes in packs of 100 each.	You can purchase small quantities locally but we had to order in knobs and ended up using more hardware.				
		PK	EA.			
H782-ND	Screw, Mach. Phil/Pan 4-40 x 3/8"	100	6.92	0.07	Bart	1 Kit
H724-ND	Nut, Hex S.S. 4-40	100	4.86	0.05	Bev	1 Kit
H713-ND	Screw, Mach. S.S. Phil/Pan 6-32 x 3/4"	100	10.02	0.10	Kimo	1 Kit
H730-ND	Washer, Int. Tooth #6 Screw	100	2.30	0.02	Vince	1 Kit
H735-ND	Washer, S.S. #6 Screw	100	3.66	0.04	Martin	1 inductor, 2 caps only
H725-ND	Nut, Hex S.S. 6-32	100	8.20	0.08		
			<u>35.96</u>			