

2001 ARRL June VHF QSO Party Results

It was an emerging wonderful summer-like weekend—June 9-11. The long snowy nights were long passed, having ceded their territorial reign to the renewal of spring. In most places, the horizon was glistening with verdant greens, inviting one to flourish in the warmth of the great outdoors. And if you looked carefully on some of those beautiful mountaintops, you would see the glint of aluminum and antennas, because it was the weekend of the 2001 ARRL June VHF QSO Party.

A total of 680 logs were received, representing a total of over 1000 participants in this year's contest. The June QSO Party numbers are always a bit lower than those from the January VHF Sweepstakes, in part because it falls just two weekends before the largest operating event sponsored by the ARRL (Field Day). However, the enthusiasm continues to run high as the die-hard aficionados of the VHF-UHF-Microwave spectrum always seem to emerge in large numbers as they continue to push the envelope of technical design and operating expertise.

In 2000, the ARRL separated the Single Operator category into separate High and Low power categories. The change has produced great results. In 2001 Single Operator Low Power was the most popular category, just edging out Single Operator High Power—253 to 243. A total of 3.6% of the entries came from the renamed Single Operator Portable category. Of the 95 multioperator logs received, 62 were Limited Multi and the remaining 33 from Multi-unlimited operations. Rovers accounted for a total of 8.6% of the total number of logs received—which holds right at the average for rover entries over the past several years. Overall, the number of logs received was down compared to 2000.

The highlight of the contest seems to be the continuing heavyweight battle between two of the great Multioperator Unlimited stations—W2SZ and K8GP. The RPI Radio Club, W2SZ, and the Delmarva VHF and Microwave Society, K8GP, con-

tinued their log battle. Last year, K8GP broke the category record that had been set the previous year by W2SZ. This year, K8GP turned in an excellent effort—breaking the mark they had set in 2000. Only problem was that W2SZ turned out in force, and reclaimed the record, posting a substantial margin of victory by over 500K points—2,459,850 to 1,917,480. As sure as the trees turn green in the spring, you can bet on the sharp competition continuing between these two outstanding multioperator powers.

Two stations from the Roanoke Division claimed top honors in the Limited Multioperator category. The AA4ZZ op-

erators in North Carolina rode what they called “an amazing two hour opening to Europe on 6 meters” and took top honors with a score of 473,308. Many stations reported outstanding conditions on 6 meters, with great multipliers being added to improve scores. Finishing second in the category was W4IY from Virginia, with a great score of 315,425. Most of the Limited Multioperator stations focused on the 50, 144, 220 and 432 MHz bands.

Jeff, K1TEO, continued his outstanding series of performances in the Single Operator High Power category. After being edged out last year, Jeff's knowledge of the bands, accompanied by a well-

Division Leaders

Single Operator Low Power

Atlantic	W3OR	65,987
Central	K9PW	319,825
Dakota	KA0PQW	59,210
Delta	N8UM	95,116
Great Lakes	KB8U	58,437
Hudson	K2KIB	49,784
Midwest	N0URW	47,808
New England	WB1GQR	135,900
Northwestern	W7YQZ	35,405
Pacific	N6MU (@N6NB)	101,250
Roanoke	W4VHH	14,980
Rocky Mountain	K5RHR	12,975
Southeastern	W4ZRZ	55,144
Southwestern	N6PI	72,000
West Gulf	W5SXD	77,922
Canada	VE7DXG	68,707

Single Operator High Power

Atlantic	K1RZ	260,260
Central	N2BJ	269,798
Dakota	WA2HFI	37,398
Great Lakes	K8TQK	176,890
Hudson	WB2SIH	38,400
Midwest	KM0T	285,471
New England	K1TEO	433,347
Northwestern	K7RAT (N6TR, op)	77,784
Pacific	KJ6KO	71,788
Roanoke	W4RX	159,200
Rocky Mountain	K0GU	194,010
Southeastern	N4IS	44,608
Southwestern	AA7A	98,808
West Gulf	N5HHS	9,869
Canada	VE3AX	144,966

Single Operator Portable

Atlantic	N3FTI	32,712
Central	K9AKS	49,400
Dakota	KF0Q	53,190
Delta	W4RXR	5,720
Great Lakes	N8XA	9,639
Hudson	W2XL	22,842
New England	W1JN	288
Northwestern	W7KN	1,320
Pacific	K6MI	68,234
Roanoke	AF4HX	71,760
Rocky Mountain	AA5B	1,364
Southwestern	N7IR	10,260

Limited Multioperator

Atlantic	W3SO	90,482
Central	N19E	175,392
Dakota	N0QJM	284,886
Great Lakes	K9IZ	22,363
Hudson	K2BAR	236,394
New England	W1QK	140,868
Northwestern	K7CW	32,542
Pacific	W7KK	79,180
Roanoke	AA4ZZ	473,308
Rocky Mountain	W0LSD	13,908
Southeastern	KF4DGS	52,397
Southwestern	W3SE	176,540
West Gulf	K5CM	219,224
Canada	VE6JW	34,317

Multioperator Unlimited

Atlantic	K3MQH	817,548
Central	W9ICE	319,158
Dakota	N0UK	357,564
Great Lakes	WW8M	241,332
Hudson	N2UZQ	49,280
Midwest	KA0MR	18,360
New England	W2SZ	2,459,850
Northwestern	K7ZL	39,750
Pacific	N7LQ	105,000
Roanoke	K8GP	1,917,480
Rocky Mountain	W1XE	272,384
Southeastern	K4RF	118,400
Southwestern	W6TOI	215,270
West Gulf	K9MK	57,330

Rover

Atlantic	N2JMH	125,020
Central	N9RLA	7,056
Dakota	KB0ZKX	4,699
Delta	N4OFA	63,020
Great Lakes	K4EFD	3,683
Hudson	N2MH	54,840
Midwest	N0DQS	72,810
New England	KB1EAA	7,406
Northwestern	W7DHC	63,063
Pacific	K6ALF	5,244
Roanoke	W3IY	222,090
Rocky Mountain	KB0CY	3,741
Southeastern	K4GSX	180
Southwestern	N6VHF	183,150
West Gulf	AB5SS	142,932
Canada	VE3NPB	97,893



The antenna farm at the AB2I limited multioperator station that placed sixth nationwide.

planned station, and lots of practice paid off as he won the category with a score of 433,347. This outdistanced a great effort from the runner-up Mike, KM0T, who edged third place finisher Barry, N2BJ, by a score of 285,471 to 269,798.

The Single Operator Low Power category saw a repeat winner as Pete, K9PW, held on to the title by beating fellow Illinois resident Bob, K2DRH, by a score of 319,825 to 157,548. Mitch, WB1GQR, finished third, while reporting that he was able to parlay quite a few Qs from the

great 6 meter opening.

The Single Operator Portable category (formerly known as QRP portable) continued to attract adventurous-types that look for operating challenges. Leading the way in 2001 was Larry, AF4HX, with a score of 71,760. He was able to successfully fend off the challenge of John, K6MI, in the category with the smallest margin of victory—a mere 3526 points. Congratulations also go to Matt, KF0Q, who posted a fine third place finish for the weekend.



Barry, KT4GG, took advantage of great weather and was rewarded with this great vista from his operating QTH in Utah.

It is hard to imagine a better way to enjoy a June weekend than spending it wandering the countryside on a well-planned Rover expedition. Leading the way in the Rover category was Bill, W3IY, with Brian, ND3F as the second op. This adventurous duo posted an outstanding score of 222,090 for the contest while activating 12 grids along the way. Finishing in a strong second place with a final score of 183,150 and 12 grids was Neil, N6VHF, with Paul, N6DN, in the second chair. John, AB5SS, with Dan, W5DF, riding

Top Ten and Plaques

Single Operator, Low Power

K9PW	319,825
K2DRH	157,548
WB1GQR	135,900
N6MU (@N6NB)	101,250
N8UM	95,116
W5SXD	77,922
W1PM	72,141
N6PI	72,000
N5RZ	71,298
W6KBX	70,372

Plaque Donor (if sponsored)

K2RIW & K2OVS, NLI Section
ARRL Contest Branch

Limited Multioperator

AA4ZZ	473,308
W4IY	315,425
N0QJM	284,886
K2BAR	236,394
K5CM	219,224
AB2I	207,270
N2NK	179,350
W3SE	176,540
NI9E	175,392
W5KFT	168,948

Plaque Donor (if sponsored)

W3EP, K9AKS, W9IP
K1TEO, W2GKR, W2GKO, KA1FVG

Single Operator, High Power

K1TEO	433,347
KM0T	285,471
N2BJ	269,798
K1RZ	260,260
K1GX	226,572
K0GU	194,010
K8TQK	176,890
K2SMN	167,316
KE8FD	166,531
N0LL	161,760

W2SZ/1, Mt Greylock Expeditionary Force
K9NS, Mt Frank Contesters
Ed Parsons, K1TR
Wellesley ARS, Mt Equinox Contest Crew
N0KQY, W8LD, N0JK, WB0DRL, N0LL
K3MQH, South Mountain Contest Team
In Memory of John Chambers, W6NLZ
Southeastern VHF Society

Multioperator

W2SZ	2,459,850
K8GP	1,917,480
K3MQH	817,548
W3CCX	763,130
K3YTL	726,271
N2PA	463,150
K1WHS	434,644
N0UK	357,564
W9ICE	319,158
W1XE	272,384

Randy Stegemeyer, W7HR
N2LIX & Ten-X Group
Mt Airy VHF Club
Rochester VHF Group
W1XE VHF Contest Team
K2AE, Schenectady ARA
In Memory of Sid Krauss, WA2VNK

Single Operator Portable

AF4HX	71,760
K6MI	68,234
KF0Q	53,190
K9AKS	49,400
N3FTI	32,712
W2XL	22,842
N9NJY	20,424
N9TZL	11,288
N9MYK	10,624
N7IR	10,260

West Coast VHFer
Robin Gist, K4VU

Rover

W3IY	222,090
N6VHF	183,150
AB5SS	142,932
N2JMH	125,020
N6TEB	107,328
VE3NPB	97,893
N0DQS	72,810
W7DHC	63,063
N4OFA	63,020
N2MH	54,840

W2SZ/1 in memory of Dick Goodman,
WB1HH
Wayne King, N2WK
Northern Lights Radio Society and W0UC
Southeastern VHF Society

Unsponsored plaques for Top Ten finishers in a category may be purchased from the ARRL Contest Branch for \$60. Contact contests@arrl.org for information.

DX Single Operator Low Power

ZF2MU (K4BI, op)	46,311	K8GP & C3I
CO2OJ	10,868	K8GP & C3I

shotgun took third place with 142,932 points while activating 15 grids.

The 2002 June VHF QSO Party promises to be yet another intriguing chapter. Why not join these "boys of summer" as they challenge themselves and their fellow VHF/UHF/Microwave enthusiasts on the weekend of June 8-10, 2002? It's a great way to learn something new in the

hobby, as well as share in the spectacular seasonal wonders.

Soapbox

We plan on bringing a spare light bulb next year. Our green alien mascot was not able to glow all night due to some complications (AA1VL)... We worked 10 countries in Europe on 50 MHz CW during an amazing two-hour opening (AA4ZZ)... Saturday not good but Sunday was... get 'em next year (AA6DX)... Too bad I went to sleep for the big 6 meter opening (K1UHF)... First time I heard Europeans on 6 m during a Contest (K2KIB)... This is the "Last Hurrah of the South Mountain Contest TEAM." Dick, K3MQH, is selling the mountaintop and moving to Florida (K3MQH)... From the Marconi Site on Cape Cod to Home: Never look for a motel room on graduation night (K4THY)... Can't believe I worked 45 stations on 432 and 13 Europeans on 6 (K7RAT)... Other than 50 MHz conditions were worse than bad (K8GP)... Wow! My personal best score, despite no tropo! Very long sporadic E openings on six after midnight Sat and Sunday daytime and evenings gave me my most QSOs and grids on 50 MHz ever (K8KD)... A great mix of tropo, Es and aurora made for an exciting contest (K8MD)... The good double hop opening on Sunday saved the day so to speak (K9HUY)... My first contest 3.4 and 47 GHz contacts. My 47 GHz narrow-band contact was with WA1MBA over 29 mile path with my TX power level of 2 μW. WA1MBA TX power level was a loud 200 μW (KA1OJ)... An exercise in sleep deprivation (KC3WD)... Houston flooding curtailed much of my route (K15DR/R)... Tropical Storms and VHF contests don't mix (KM5TY)... Highlight of contest was being the center of a pileup to Europe on 6 meters for over an hour 100 QSOs in 37 grids (KN4SM)... Stayed up all night for the 6 meter opening made the contest very exciting (N2JMH)... This just keeps getting better every year (N3FTI)... Thanks to all the rovers and portables who really add to the fun of this event (N4GN)... Tropical Storm Allison took precedence over the contest, still I managed to put in a few Q's (N5BA)... Conditions on 6 m started off fair and fell off on Saturday; Sunday was more exciting with many varied openings. Best DX was EK99, ZF1DC and ZF2MU, and BP51 from Alaska's KL7HFQ was there as well (N7LQ)... Wow, 40 different grids on 6 Meters with just 50 contacts (N8DGD)... Flat band conditions on 2 m, three nice 1-2 hour openings on 6 m. High gas prices must have kept some rovers home (N9DG)... Great finish! Best contest in years (NK5W)... June Contest turned into a Six Meter Contest. When is the June Contest? (NQ2O)... What wonderful conditions this year! And what a treat to be on the air listening to a world radio first when VE7s and W7s worked Europe! Congratulations to all those who managed this remarkable achievement (VE7VDX)... You know conditions are poor when the screensaver on the logging PC activates between QSOs (W0FY)... I was glad that 6 meters finally opened to the North (W4AME)... WOW! A personal best score. Maybe a 100K-plus score is possible from the Pacific Northwest (W7DHC/R)... Had a 2 m loop connected to a broom handle, then to a C clamp to the luggage rack on the car. Used an RS 2 m 5/8 whip for 6 meter operation. I was not planning on roving but once I crossed

the Grid line I was hooked (WA6TMJ)... First VHF Contest, First use of 6 Meters (WB0VGI)... The openings were there on 6 meters but they were sure sneaky. I was just getting ready to go to bed at 0430 when, BOOM the band was wide open. At 0830 both the band and the operator crashed! Outside of 6 meters, all other bands were a yawn. Flattest conditions I've seen in years (WB1GQR)... A big thanks, N0DQS/R, I had a great time. It is fun to be back (WQ0P)... What a great contest! ... (WW8MGM)

Multiplier Leaders By Band

Single Operator, Low Power	1296 MHz	1296 MHz
50 MHz		
VE1YX	516	K1TEO 49
N5RZ	466	K1RZ 37
K9PW	464	VE3AX 32
W5SXD	377	K1UHF 31
WD5K	376	KM0T 31
144 MHz		Multioperator
WB1GQR	252	50 MHz
K9PW	204	W2SZ 909
K6TSK	131	K8GP 795
N6MU (@N6NB)	123	W1XE 748
KG4BMH	120	W1XX -L 652
222 MHz		K1WHS 632
WB1GQR	69	W3CCX 625
K9PW	56	K2BAR -L 594
W6KBX	34	K5CM -L 577
W1PM	34	AA4ZZ -L 574
K2DRH	32	K3MQH 572
432 MHz		144 MHz
WB1GQR	115	W2SZ 607
K9PW	96	K8GP 558
N6MU (@N6NB)	71	K3MQH 538
VE7DXG	70	K3YTL 465
K6TSK	68	W3CCX 453
902 MHz		AA4ZZ -L 350
K9PW	13	W4IY -L 340
WA1MBA	13	AB2I -L 288
W3OR	12	N2PA 276
KU2A	10	W1QK -L 270
N8UM	9	222 MHz
1296 MHz		W2SZ 237
K9PW	24	K8GP 154
K6TSK	23	K3YTL 142
WA1MBA	21	W3CCX 128
W6KBX	21	K3MQH 119
N6PI	18	N2PA 113
Single Operator, High Power		AA4ZZ -L 82
50 MHz		W4IY -L 76
K0GU	718	W9ICE 64
K5AM	510	W6TOI 56
AA7A	431	432 MHz
N0LL	428	W2SZ 400
W6OAL	406	K8GP 251
144 MHz		K3MQH 228
K1TEO	327	K3YTL 215
K1UHF	315	W3CCX 190
K3TV	261	AA4ZZ -L 138
K2SMN	204	N2PA 129
2 tied with	185	K1WHS 112
222 MHz		W3SE -L 110
K1TEO	82	W4IY -L 109
N2BJ	67	902 MHz
K1UHF	61	W2SZ 121
KE8FD	59	K8GP 75
K8TQK	55	N2PA 39
432 MHz		W3CCX 32
KE6GFF	175	WW8M 28
K1TEO	127	K3MQH 27
N2BJ	92	K1WHS 19
W4RX	88	K3YTL 14
K1UHF	84	W6TOI 13
902 MHz		1296 MHz
K1TEO	33	W2SZ 151
KM0T	32	K8GP 92
K1RZ	21	W3CCX 52
KE8FD	20	WW8M 47
3 tied with	17	N2PA 40
432 MHz		K3MQH 39
KE6GFF	175	W6TOI 29
K1TEO	127	K1WHS 25
N2BJ	92	K6AAA 23
W4RX	88	2 tied with 21
K1UHF	84	-L denotes Limited
902 MHz		Multioperator
K1TEO	33	
KM0T	32	
K1RZ	21	
KE8FD	20	
3 tied with	17	

Northeast Region			Southeast Region			Central Region			Midwest Region			West Coast Region		
(New England, Hudson and Atlantic Divisions; Maritime and Quebec Sections)			(Delta, Roanoke and Southeastern Divisions)			(Central and Great Lakes Divisions; Ontario Section)			(Dakota, Midwest, Rocky Mountain and West Gulf Divisions; Manitoba and Saskatchewan Sections)			(Pacific, Northwestern and Southwestern Divisions; Alberta, British Columbia and NWT/Yukon Sections)		
WB1GQR	135,900	A	N8UM	95,116	A	K9PW	319,825	A	W5SX	77,922	A	N6MU (@N6NB)	101,250	A
W1PM	72,141	A	W4ZRZ	55,144	A	K2DRH	157,548	A	N5RZ	71,298	A	N6PI	72,000	A
W3OR	65,987	A	W5ZN	49,773	A	KB8U	58,437	A	W3XO	70,224	A	W6K BX	70,372	A
K1TEO	433,347	B	W4RX	159,200	B	N2BJ	269,798	B	KM0T	285,471	B	AA7A	98,808	B
K1RZ	260,260	B	K2UOP	70,060	B	K8TQK	176,890	B	K0GU	194,010	B	K7RAT	77,784	B
K1GX	226,572	B	N4IS	44,608	B	KE8FD	166,531	B	N0LL	161,760	B	(N6TR, op)		
N3FTI	32,712	Q	AF4HX	71,760	Q	K9AKS	49,400	Q	KF0Q	53,190	Q	K6MI	68,234	Q
W2XL	22,842	Q	W4RXR	5,720	Q	N9NJY	20,424	Q	AA5B	1,364	Q	N7IR	10,260	Q
AA3SD	1,806	Q				N9TZL	11,288	Q				W7KN	1,320	Q
K2BAR	236,394	L	AA4ZZ	473,308	L	N19E	175,392	L	N0QJM	284,886	L	W3SE	176,540	L
AB2I	207,270	L	W4IY	315,425	L	K9RN	61,377	L	K5CM	219,224	L	KF7NP	84,078	L
N2NK	179,350	L	KF4DGS	52,397	L	VE3TMG	25,920	L	W5KFT	168,948	L	W7KK	79,180	L
W2SZ	2,459,850	M	K8GP	1,917,480	M	W9ICE	319,158	M	N0UK	357,564	M	W6TOI	215,270	M
K3MQH	817,548	M	K4RF	118,400	M	WW8M	241,332	M	W1XE	272,384	M	N7LQ	105,000	M
W3CCX	763,130	M	K4HUM	39,790	M	N8KOL	147,126	M	K9MK	57,330	M	K6YR	99,550	M
N2JMH	125,020	R	W3IY	222,090	R	VE3NPB	97,893	R	AB5SS	142,932	R	N6VHF	183,150	R
N2MWH	54,840	R	N4OFA	63,020	R	N9RLA	7,056	R	N0DQS	72,810	R	N6TEB	107,328	R
KB1EAU	21,084	R	KC3WD	30,750	R	NE9O	6,909	R	K0DAS	38,304	R	W7DHC	63,063	R

Scores

Each line score lists call sign, score, stations worked, multipliers, power level (A=low power, B=high power, Q=QRP, R=Rover), and bands (A= 50 MHz, B = 144 MHz, C = 222 MHz, D = 432 MHz, 9 = 902 MHz, E = 1296 MHz, F = 2304 MHz, I = 10 GHz). Band wins are listed in **boldface** type. If Rover, number of grids activated are also listed.

1	Vermont	Northern New York	Maryland-DC
Connecticut	WB1GQR 135,900 722 150 A ABCD	K3KRY 6,496 112 58 A AB	K3HCE 46,443 317 137 A ABE
NT1N	11,440 176 65 A A	NS2P 1,863 60 27 A ABCD	N3II 36,663 303 121 A AB
N1JMM	9,128 144 56 A ABD	N2YEV 1,760 55 32 A AB	N3UM 5,952 124 48 A AB
WA1FUS	884 48 17 A ABC	K1LPS 19,800 173 90 A ABCD	K3DSP 3,440 86 40 A AB
KA1SZP	112 14 8 A AB	K1UC 4,753 89 49 ABCD	WN3C 1,898 65 26 A ABD
K1TEO	433,347 1004 293 B ABCD9EFGI	W1KMH 1,925 68 25 ABCD	K1RZ 260,260 692 260 B ABCD9EFGI
K1GX	226,572 696 237 B ABCD9EFGHI	WB2BAU 20 10 2 B B	N3HBX 54,960 383 120 B ABCDE
K1UHF	133,152 642 146 B ABCFDE	W2NNY (W2IB, KC2BZB, NT2W, ops)	K3ZQ 42,212 346 122 B AB
W3EP	81,090 477 159 B ABD	15,760 159 80 L ABCD	WA3EQQ 18,644 144 79 B BCDE
K1KI	16,790 222 73 B ABD	WA1MBA 27,440 172 70 A BCD9EFGHIK	N3KNI 8,201 108 59 B ABCD9
K1WVX	4,370 87 38 B ABCDE	W1NMR 1,856 53 32 A ABCD	WA4PRR 1,260 40 30 B ABD
WY1U	779 41 19 B AB	N1VOR 602 43 14 B A	W3GN 406 29 14 B AB
KA1KOJ	136 17 8 B B	W1RZF 13,468 171 52 B BCD	N3WMT 396 29 12 B ABC
W1JN	288 22 12 Q ABD	W25ZA (A1A1A, K1EP, K2AD, K2JB, K2TR, K2BWLK, KC2YOE, N1V5, N1SZ, N1XS, N1SY, N2BNY, N2RE, N2CYA, N2YZO, W1S2, W1UW, W1VE, WA1ZMS, WA2AAU, WA2SP, WA6USA, WS2B, BW2R, ops)	K3TW 128 16 8 B AB
N1QVO	30 9 3 Q BD	2,459,850 2846 465 M ABCD9EFGHIJKLNP	W3SO (WR3Z, W3TEF, WX3B, N3BS, W9NET, W3YOZ, ops)
W1QK (+K1X5, K1PHG, K1SYG, K2ZZ, W1NG)	140,868 824 156 L ABCD		90,482 497 161 L ABD
NZ1U (KB1DFB, N1XS, N7PRD, KE1LI, ops)	30,212 322 83 L ABD		W3FT (N3WD, W3WDJ, KB3QFZ, ops)
NM1K (+KA1VED)	1,092 44 21 L ABCD		2,850 75 38 L AB
K1ZE	83,022 485 137 M ABCD9E		WA3ZKR (+KA3EJJ)
2	Western Massachusetts	Southern New Jersey	39,600 262 100 M ABCD9EFGHI
Eastern New York	WB1GQR 135,900 722 150 A ABCD	N2SCJ 14,478 200 57 A ABCDE	
W3HHN	34,500 257 100 A ABCD9E	WK8G 2,924 80 34 A ABD	
N2TY (W2JHO, ops)	4,292 120 29 A ABCD	N2MPU 377 29 13 A AB	
N2UD	636 45 12 A ABD	K2SMN 167,316 563 219 B ABCD9EFEF	
WA2BAH	4 4 1 A AB		
N2TJQ	2 2 1 A AB		
WB2SIH	38,400 271 100 B ABCDE		
WA1RKS	12,150 153 75 B ABCD		
W2LGB	4,326 92 42 B ABCD		
N2TMT	3,668 131 28 B ABCD		
WA2YEI	468 29 12 B ABCD		
KB2TS	96 13 6 B ABD		
KA2MCU	84 8 6 B ABCD9E		
W2FW	12 3 3 B ABD		
W2XL	22,842 207 81 Q ABD9E		
AB2J (+K2KJ, WC2J, WA2II, WN2Y, WB2DVV, KB2SS, W2AWA, X2CSS, KC2M, MH2, N2T, 207,278, 857, 210 A ABDE			
K2TVI (N2GDY, N2GKM, N2NZW, WA2VQH, WB2NR, WB2VNR, WB2VVS, ops)			
94,164 673 118 L ABCD			
N2UZQ (+N2TQJ, WA2BAH)	49,280 344 112 M ABCD9E		
NYC-Long Island	WB1GQR 135,900 722 150 A ABCD	A2A9Y (+N2LJY, KV4T, KV4T)	
WA2ZFH	7,000 110 40 A ABCDE	1,081 47 23 L AB	
KA2VZK	5,454 101 54 A AB	N2PA (N2KG, N2QR, W3OB, N2DQ, N2YB, ops)	
K2FXF	848 53 16 B A	463,150 982 314 M ABCD9EFGI	
K2LCK	7,535 118 55 B ABD	N2JH (+KB2OA2, K3KE, W3YZR)	
KB2NOW	2,970 68 33 B ABCD	12,285 136 65 M ABCD9E	
WA2YJF	1,892 86 22 B B		
K2OVS	1,050 34 25 B ABD		
WA2OJK	21 7 3 B A		
WB2AMU	1,064 44 19 Q ABD		
Northern New Jersey	K2KIB 49,784 294 127 A ABCD9EF	WA3KFT 135 9 A AB	Georgia
K2SYS	4,140 86 45 A ABCD	W8J 12 3 3 A ABD	K4KAZ 5,200 80 52 A ABCD9
W2UDT	2,484 72 27 A ABC	K8RS 30,080 160 160 B ABD	N4WD 308 22 14 A AB
W2YR	2,070 56 30 A ABCD	K3TV 9,918 261 38 B B	W4ATL 160 16 10 A AB
N2OML/R	1,748 84 19 A ABD	W3S2 2,407 44 29 B BCDEF	KD4K 18,601 173 89 B ABC
WA2NMX	161 15 7 A BD	K3IB 1,860 60 31 B AB	WA4IOB 11,550 138 70 B ABCD9
W2JER	152 19 8 A AB	KB3EXB 1,456 50 26 B ABCD	W4EUF 45,018 311 122 L ABCD
WB2CUT	2,320 116 29 B B	WA3CSF 714 34 21 B A	K4NGA (WB4AEQ, KB4AOX, WA4LXU, ops)
WA2BKN	1,104 48 23 B AB	N3JNX 608 28 19 B ABD	4,692 94 46 L ABD
KC2FYA	416 40 8 B BD	W3JM 273 21 13 B A	K4RF (+K4S2, K4EA, W4KXY)
W2CVM	180 18 10 B A	WA3UGP 140 10 10 B ABCD	118,400 493 200 M ABCD9EFGI
K2BAR (NA2AA, WI2V, KC2DTA, WA2QHL, WK2M, K2YLH, K2AM1, ops)	236,394 988 207 L ABCD	N3FTI 32,712 258 94 Q ABCD9EFG	K4HUM (W4GCL, KG4CPF, KD4HLV, KE4VBR, KR4TG, KF4VZV, K4JUL, KF4LEX, ops)
WA1ZYX (+N1NCI, N1BAC, N1KWF, KB1EKA, WK1P, K1ZQ)	30,952 258 106 L ABD	WA3SD 1,806 64 21 Q ABCD	39,790 285 115 M ABCD
N2BAT	1,456 56 26 A A	W3H2U (AD3E, N3JD, N3NB, KE3YR, ops) 13,952 195 64 L ABD	
		W3CMA (KB3DY, KB3FJ, KB3FSU, KB3CFV, KB3DYI, N13H, W3T1, W3ZQ, RA3T, ops) 3,300 75 44 L AB	
		N3JFM (+N3JXB, NM3N, W1LBY, W9QY) 252 21 6 L D	
		K3MQH (+A1M3, K3X1D, K3RA, N3EYB, W2GG, W3EKT) 817,548 1552 386 M ABCD9EFGI	
		W3CXX (K3DMA, N3PLM, W2SK, KF6AJ, WA3RLT, AA3GN, WA3DRC, N3FUJ, ops) 763,130 1558 335 M ABCD9EFGI	
		K3YTL (WA1HHN, N1SF, KA3EEO, KA3ZHT, KE3OA, K3COK, K3MZK, K3TOW, N3EMF, N3FA, ops) 726,271 1477 347 M ABCD9EFGI	
		KF3DT (+KB3CPL) 20,898 203 86 M ABCD	
			4,600 92 50 B A
			K2IUK 81 31 21 A AB
			AF4HX 71,760 406 138 Q ABCD
			AA4Z2 (+AA4S, K2SD, K4DXA, K4MQG, W4GRW, W4MW, W4VHF)
			473,308 1144 347 L ABCD
Rhode Island			
W1BAT	1,456 56 26 A A	179,350 739 211 L ABCD	

Northern Florida					
KU4WD	9,450	134	63 A	ABCD	
KE4ISN	6,496	104	58 A	ABD	
KE4YYD	1,425	55	25 A	ABD	
WB4IHI	510	30	17 A	AB	
K4JAF	418	22	19 A	A	
NW5E	31,392	251	109 B	ABCDE	
W2BZY	26,772	224	97 B	ABCD9EF	
KS4KP	84	12	7 B	ABD	
Puerto Rico					
WP4LNY	275	25	11 B	AB	
South Carolina					
N4UFP	11,700	136	78 A	ABCD	
N4JZH	7,434	118	63 A	AB	
N2FY	2,196	61	36 A	AB	
K4YLL	1,836	46	36 B	ABDE	
Southern Florida					
N8PR	10,650	150	71 A	A	
W4SLR	190	19	10 A	A	
N4IS	44,608	315	136 B	ABDE	
K0VXM	12,400	145	62 B	ABCD9EF	
W2YX	1,848	73	24 B	ABD	
KD4GV	1,595	54	29 B	ABD	
WA4OFS	901	40	17 B	ABCD	
W2DGJ	315	21	15 B	AB	
KB2SFA (with KB2TRD)	5,160	111	43 L	ABCD	
Tennessee					
N8UM	95,116	412	172 A	ABCD9EF	
KD4HK	39,098	279	113 A	ABCD	
KV4EB	13,114	166	79 A	B	
KG4BMH	7,776	144	54 A	AB	
W4AME	968	41	22 A	ABD	
V9WI	391	23	17 A	AB	
KE4OAR	156	13	12 A	AB	
W4OGG	117	13	9 A	A	
W4RXR	5,720	104	52 Q	ABCD	
Virginia					
N4HB	13,920	125	80 A	ABCD9E	
KC4AUF	9,900	121	66 A	ABCD	
AD4TJ	8,640	112	64 A	AB	
K4FJW	6,536	123	43 A	ABCD	
K4WYS	2,128	49	38 A	ABD	
W4RX	159,200	578	199 B	ABCD9EF	
KN4SM	43,010	237	170 B	ABD	
K4RTS	15,622	138	73 B	ABCD9E	
K4FTQ	2,352	68	28 B	ABCD	
KE4BVP	1,450	49	29 B	ABD	
K4MTS	620	31	20 B	AB	
W2YE	608	32	19 B	A	
K4ME	377	29	13 B	A	
W4IY (W4AD, KA4CKI, W4DC, K4SO, WB4ZNH, KG4HTL, W4CE, KG4DFJ, WA0DYJ, NL7TK, ops)	315,425	962	275 L	ABCD	
West Central Florida					
K9HUY	24,130	248	95 A	ABD	
K4FB	19,440	224	81 A	BD	
KG4EGV	2,448	72	34 A	AB	
N4PK	1,000	42	20 A	ABCD	
N4BSA	336	23	12 B	ABCD	
Arkansas					
W5ZN	49,773	179	141 A	ABCD9EF	
AA5CH	4,816	86	56 A	AB	
N5QYC	1,995	54	35 A	ABD	
W5MRB	5,096	75	52 B	ABDE	
Louisiana					
N5ASA	2,040	51	40 A	A	
K5CZD	1,702	45	37 A	ABD	
W5K5BH	288	18	16 A	A	
KD5HPT	37,398	258	138 B	ABD	
WA5RT	15,834	175	87 B	ABD	
Mississippi					
W5RCI	6,431	88	59 A	ABCDE	
N5JGK	2,960	73	40 A	ABD	
N5KDA	4,312	88	49 B	AB	
KJ5RC	3,402	81	42 B	A	
New Mexico					
K5RHR	12,975	157	75 A	ABCD	
N5XZM	7,696	120	52 A	ABCD	
KB5ZSK	902	33	22 A	ABCD	
K5AM	112,312	546	202 B	ABCD	
NK5WV	18,920	207	86 B	ABD	
KD5JAA	4,590	95	45 B	ABCD	
AA5AB	1,364	56	22 Q	ABD	
North Texas					
W5SXD	77,922	441	162 A	ABCDE	
WD5K	46,248	376	123 A	A	
K5LOW	35,264	270	116 A	ABCD	
W5USJ	8,510	114	74 B	ABD	
KB5VPR	20,553	212	93 L	ABD	
K9MK (+WB5VYE)	57,330	388	126 M	ABCD9EF	
Oklahoma					
WH6LR	8,400	140	60 A	A	
NL7CO	4,284	119	36 A	B	
KM5NU	3,174	69	46 A	AB	
N5PMP	1,971	72	27 A	BD	
W07GI	1,734	51	34 A	A	
KM5EES	1,508	52	29 A	B	
K5SW	880	22	20 B	C	
K5CM (+N5KW, W5AO)	219,224	762	268 L	ABCD	
W5OK (KD5DL, KB5HMZ, KD5MFQ, KB5ZGL, ops)	63,232	388	152 L	ABCD	
South Texas					
W3XO	70,224	385	154 A	ABCD9EF	
K5UIA	49,594	254	137 A	ABCD9EF	
K5LLL (NN5DX, op)	32,832	222	114 A	ABCD9EF	
W5BX	10,579	149	71 A	A	
AJ4F	902	41	22 A	AB	
K5EJL	520	26	20 A	A	
N5BA	432	21	16 A	ABCD	
KC5YOV	384	24	16 A	AB	
N5HHS	9,869	139	71 B	A	
AA5XE	6,076	98	62 B	AB	
W5SOE	4,420	78	52 B	ABCD	
KM5TY	4,176	86	48 B	ABD	
West Texas					
W5UWB	2,432	54	38 B	ABCDE	
W5KFT	(+K5TR, WM5R, N5ESRO, K5D5JV)	168,948	663	278 L	ABCD
NX5M	(+KB5PO, KA5KBO, KB5KMRP, + logger)	39,627	323	119 L	ABD
W6OMF	7,950	105	50 A	ABCDE	
KMBQJ	5,940	115	44 A	ABCD	
KE6QR	2,900	88	29 A	ABD	
KF6GYM	34,684	303	92 B	ABCDE	
East Bay					
W6TSC	1,298	466	153 A	A	
N5RZ	71,298	466	153 A	A	
W5ZO	12,225	163	75 A	A	
KA5PVB	3,105	69	45 B	A	
N7AU	26,780	212	103 B	ABCD	
AB7IZ	2,332	53	44 B	AB	
Idaho					
KO1P	27,456	244	104 A	ABD	
KC7ESB	2,479	67	37 A	A	
W7USB	3,780	79	45 B	ABD	
K7TM	(+KB7WDV)	2,920	61	40 L	ABDE
KM7VU	(K7MSA, KC7NAX, ops)	1,296	47	24 L	ABD
Nevada					
N7NTN	2,480	62	40 A	A	
NW7O	5,742	86	58 B	ABCDE	
N7ROJ	3,220	75	28 B	ABCD	
W6EYI	2,331	63	37 B	A	
KC6UCN	1,458	48	27 B	ABCD	
WT7GE	456	23	19 B	ABD	
W7KK (+NS9E)	79,180	417	185 L	ABCD	
N7LQ (+ K7UI, KB7UIF, AE7I)	105,000	447	200 M	ABCD	
Oregon					
W7DSA	14,912	171	64 A	ABCD9E	
K0JJ	1,450	50	29 A	AB	
KA6T	450	41	10 A	ABD	
K7TRAT	(N6TR, op)	39,750	236	150 M	ABCD
N7DB	19,039	207	79 B	ABCD	
K7HSJ	2,272	53	32 B	ABCD	
K7DLT	1,218	67	14 B	AB	
KK7E	864	72	12 B	B	
KK7CY	492	41	12 B	B	
KC7FLQ	336	28	12 B	B	
K7CW (+N7EPD, KB7QDH)	32,542	249	106 L	ABCD	
W7LT (KC7AOI, KC7PDI, ops)	8,624	169	44 L	ABD	
K7ZL (+N6ENU, KM6GPMG)	32,421	254	107 M	ABCD	
Utah					
N7DBW	12,322	162	61 A	ABCD	
K7NS	9,324	119	63 A	ABCD	
KC7PVD	1,470	47	30 A	ABD	
KT4GG	780	51	13 A	ABD	
N7YOO	84	24	3 A	ABD	
WJ7L (+ K7RJ, KK7SB)	3,210	73	30 M	ABCD	
Santa Barbara					
N6PI	72,000	355	150 A	ABCD9EF	
WB6AG	59,321	340	137 A	ABCD	
KC6NB	8,576	134	64 B	A	
KE6RCI	1,836	86	17 B	BD	
W9EC	1,395	36	31 B	ABCD	
K6YR (+WB6WE, K6GNR, W6NS, KF6SHU)	99,550	431	181 M	ABCD9EF	
AB6CF (+K6WGL)	31,400	276	100 L	ABCD	
NF6L (+K6FQ)	11,178	156	69 L	ABD	
Santa Clara Valley					
W6RXQ	20,646	203	74 A	ABCDE	
KF6MXK	2,565	80	27 A	ABD	
W6NL (K2Kw, op)	49,536	384	129 B	A	
N6JET	20,020	204	65 B	ABCD9E	
W6YGD	8,120	160	35 B	ABCD	
N6KZV	225	25	9 B	B	
K6MI	68,234	385	109 Q	ABCD9EF	
K6PVJ	(K6FMXK, K6EHCK, K6HSV, K6KKX, K6GWV, K6WNS, K6KNS, ops)	1,200	57	16 L	BCD
San Joaquin Valley					
N6MU (@N6NB1)	101,250	554	162 A	ABD	
NI6G	12,629	126	73 A	ABD9EF	
KG6GMMT	30	6	5 A	A	
K6IRZ	16,281	190	67 B	ABCD	
KM6WO	2,277	58	33 B	ABD	
KF6CNV	2,040	75	20 B	ABCD	
K6ARP (KG6ALE, KG6AWG, KF6DDT, KF6DST, KG6FGK, KG6GQJ, KB6HRB, N6JXL, KF6KC, KB6LQV,	31,400	276	102 L	ABCD	
KD6MQW, WA6PRE, KB6NPQ, K6ESV, N6VYT, K6YL, KF6YL, KF6LSY, N6GZY, K6FQZY, ops)	37,332	248	102 M	ABCD	
San Francisco					
K6UM	1,944	54	36 A	A	
AA6DX	63	9	7 A	AB	
W6MMW (WD6HDW, WA6OEM, K6LBTB, ops)	56,120	370	122 L	ABCD	
San Joaquin Valley					
N6MU (@N6NB1)	101,250	554	162 A	ABD	
NI6G	12,629	126	73 A	ABD9EF	
KG6GMMT	30	6	5 A	A	
K6IRZ	16,281	190	67 B	ABCD	
KM6WO	2,277	58	33 B	ABD	
KF6CNV	2,040	75	20 B	ABCD	
K6ARP (KG6ALE, KG6AWG, KF6DDT, KF6DST, KG6FGK, KG6GQJ, KB6HRB, N6JXL, KF6KC, KB6LQV,	31,400	276	102 L	ABCD	
KD6MQW, WA6PRE, KB6NPQ, K6ESV, N6VYT, K6YL, KF6YL, KF6LSY, N6GZY, K6FQZY, ops)	37,332	248	102 M	ABCD	
Sacramento Valley					
W6KX	70,372	353	146 A	ABCDE	
KJ6KO	71,788	391	131 B	ABCD	
KC6TEU	46,090	313	110 B	ABCD	
KC6ZWT	29,580	250	85 B	ABCD	
K7QXA	5,175	89	45 B	ABD	
K6ME (+K6ENDG)	22,359	232	87 L	ABD	
W6Y (K6FEE, K6LKY, ops)	81,037	450	139 M	ABCD	
K6AAA (+W6JEX, K6JDS)	40,131	326	91 M	ABCD	
7					
Arizona					
AC7BN	3,240	76	40 A	ABD	
AA7A	98,808	513	184 B	ABDE	
KE7FC	20,352	168	103 B	ABCD	
KE7NR	19,201	180	91 B	ABCD	
K6IAH	9,417	121	73 B	ABD	
KF7JS	3,243	64	47 B	ABD	
K1SC	2,698	71	38 B	A	
N7IR	10,260	126	76 Q	ABD	
KF7NP (+NU8I, KE7OT)	84,078	450	173 L	ABCD	
Eastern Washington					
W7GHZ	15,403	152	73 A	ABCDE	
N8KOL (+K8ROX, NBLIS, KC8AQF)	147,126	516	226 M	ABCD9EF	
9					
Illinois					
K9PW	319,825	877	275 A	ABCD9EF	
K2DRH	157,548	558	228 B	ABCD9E	
N9TF	17,612	199	74 A	ABCD	
NV8	16,425	219	75 A	AB	
W09S	10,846	167	58 A	ABD	
KG9IL	8,670	159	51 A	ABD	
AB9BH	5,842	119	46 A	ABD	
W9LYA	1,078	44	22 A	ABD	
N9KO	574	34	14 A	ABD	
WK9O	45	9	5 A	B	
N2BJ	269,798	722	277 B	ABCD9EF	
K9UVJ	27,370	208	115 B	ABCD	
N9JY	20,424	167	92		

Missouri									
K0ETC	26,795	227	115 A	ABCD					
K4SSO	10,988	141	67 A	ABDE					
KI0MB	2,210	65	34 A	AB					
W0WHL	322	20	14 A	BD					
KI0HA	4	2	2 A	A					
KR0I	11,869	143	83 B	AB					
W0FY	7,168	96	64 B	ABD					
W0JRP	6,072	89	66 B	ABCDE					
KA0QGI	1,998	55	27 B	BD					
WA0FQK	1,392	48	29 B	A					
WB0XI	180	18	10 B	B					
North Dakota									
NT0V	12,750	127	85 B	ABCDE					
N0UD (WB0OAJ, N0LWV, KC0HXF, KC0JVJ, ops)									
15,308	173	86 L	ABD						
Nebraska									
W0BJ	23,845	244	95 A	ABDE					
AE0G	2,106	54	39 A	AB					
KB0TYO	1	1	1 A	A					
KG0LD	6,545	119	55 B	AB					
South Dakota									
WB0HHM	11,760	110	80 A	ABCD					
KE0Z	609	29	21 A	B					
WB0ULX	9,176	112	74 B	ABD					
KI0BV	240	16	15 B	AB					
N0QJM (+WD0T, W0SD, W0DB, WB0TEM)									
284,886	696	357	L	ABCD					
Maritime-Newfoundland									
VE1SKY	10,309	169	61 A	A					
VE1YX	56,244	516	109 B	A					
VE1JC	5,616	117	48 B	A					
Nova Scotia									
VA1LW	20,174	262	77 A	A					
Newfoundland-Labrador									
VO1GO	2,844	79	36 B	A					
Quebec									
VA2ADB	8,165	112	71 A	ABD					
VE2ZP	1,300	40	26 A	ABD					
VE2WVK	221	17	13 B	A					
VE2CUA (+VA2SMF)	507	32	13 L	ABCD					
VE2VA3RCB (+VE3XJ)	216	15	9 L	ABDE					
Ontario									
VE3KZ	34,410	273	111 A	ABD					
VE3SX	5,106	99	46 A	ABD					
VE3MQW	2,584	65	34 A	ABD					
VE3CVG	2,465	56	29 A	ABCDEI					
VE3CWJ	1,134	42	27 A	AB					
VE3AX	144,966	463	222 B	ABCDE					
VA3FIN	14,400	158	80 B	ABCDE					
VE3SSM	12,928	143	60 B	ABCDEFHII					
VE3QJN	2,964	57	38 B	ABCDE					
VE3TMG (+VE3RNG)	25,920	237	96 L	ABD					
Alberta									
VA6AN	24,453	246	99 A	ABD					
VE6JW (+VE6JY, WA2TM, VE6LDX, VE6MAA)									
34,317	346	93 L	ABD						
British Columbia									
VE7DXG	68,707	444	127 A	ABCD					
VE7AGG	11,620	166	70 A	A					
VE7SKA	8,905	136	65 A	ABD					
VE7VDX	3,960	90	44 A	A					
VE7NUJ (+VE7MF, VE7KED, VE7HHS, VA7DX, VE7BEE)	28,000	276	100 L	ABD					
Cuba									
CO2OJ	10,868	143	76 A	AB					
Mexico									
XE1/AARX	324	18	18 A	A					
XE2HWB	81	9	9 A	A					
Cayman Islands									
ZF2MU (K4BI, op)	46,311	359	129 A	A					
Rovers									
Atlantic									
N2JMH (+N2WKV)	509	140 R	10	ABCD9EFGHIL					
KB1IEU (+KB1EFZ)	15,020	509	140 R	10 ABCD9EFGHIL					
KB1IEAU (+KB1EFZ)	21,084	225	84 R	7 ABDE					
K1DS	13,821	125	51 R	5 ABCD9EFGHIL					
N1XKT	950	20	19 R	2 BCDF9EFGHIL					
W3HMS	812	25	14 R	2 BGHI					
N4TW	232	20	8 R	4 BCD					
KB3XG	80	5	5 R	3 CJ					
Central									
N9RLA	7,056	144	49 R	6 AB					
Ontario									
NE9O	6,909	126	47 R	4 ABCD					
KF9US	2,612	71	61 R	7 ABCD9E					
N8KWX	2,842	85	29 R	3 ABCD					
WA6TMJ	1,675	65	25 R	4 ABC					
Dakota									
KB0ZXK	4,699	105	37 R	4 ABD					
K8DXN	2,266	83	22 R	4 ABD					
WGCG	273	15	13 R	2 BD					
Delta									
N4OFQ (+KB4NVD)	63,020	368	115 R	4 ABCD9EFG					
KF4VZQ	14,213	194	61 R	3 ABD					
WA4JA	5,755	25	23 R	3 AB					
Great Lakes									
K4EFD	3,683	51	29 R	6 BDEFGHI					
K8NFT	644	28	23 R	3 AB					
Rocky Mountain									
KB0CY (+KA0DEH)	3,741	73	43 R	7 ABD					
NJ7A	1,682	58	29 R	9 AB					
N4LGY	1,365	39	35 R	6 AB					
K0UK (+KB0QAA)	324	18	14 R	4 AB					
Southeastern									
K4GSX	180	20	9 R	2 AB					
Southwestern									
N6VHF (+N6DDN)	183,150	653	165 R	12 ABCD9EFG					
N6TEB (+AD6HT)	107,328	474	129 R	12 ABCD9EFG					
AD6AF	1,215	60	15 R	4 ABD					
N6ZE	299	23	13 R	3 AB					
West Gulf									
AB5SS (+W5DF)	142,932	382	172 R	15 ABCD9EFGHIL					
KI5DR (+N9TX)	2,680	60	40 R	6 ABD					
NH6CJ	2,080	52	40 R	2 AB					
Canada									
VE3NPB (+VE3OIL)	97,893	458	149 R	6 ABCD9EFG					
VE3FHM	2,158	83	26 R	3 B					
Checklogs: K0QJA, K4QI, K5MAT, K7ICW, WA4GPM									

NEW PRODUCTS

ELECRAFT EC1 AND EC2 CUSTOM PROJECT ENCLOSURES

◊ Want your next home-brew radio project to look sleek and elegant? Check out the new enclosures from Elecraft, the EC1 and EC2. Both units are attractive, professional-grade blank enclosures that are the same size and color as Elecraft's K1 and K2 transceiver kits, respectively.

Both cabinets feature a textured powder-coat finish and are ideal for ham or electronics projects, whether standalone or as transceiver accessories. Their modular construction is especially well suited to RF equipment such as antenna tuners or switches, amplifiers, transverters and filters. Builders who prefer a finished product that doesn't look home-built will appreciate the modern, all-metal design.

The EC1 (about 2×5×6 inches HWD) and EC2 (about 3×8×8 inches HWD) take advantage of Elecraft's versatile, multi-panel construction. Any of the chassis elements can be quickly removed to facilitate drilling or cutting. The enclosures are held

together using the company's unique "2-D" fasteners, which have excellent thread depth (1/4 inch), and are much more durable than tapped holes in sheet metal or plastic. Both cabinets include rubber feet, but the same tilt stands used on the K1 and K2 transceivers can also be used and ordered separately.

Price: \$49 (EC1); \$59 (EC2). For more information, point your Web browser to www.elecraft.com/.

IMPROVED LC METER FROM ANTEENEX

◊ Tired of not knowing the values of all of those capacitors and inductors in your junkbox? The LC Meter IIIB, available from antenneX in kit form or assembled, should handle your LC measuring chores without breaking the bank.

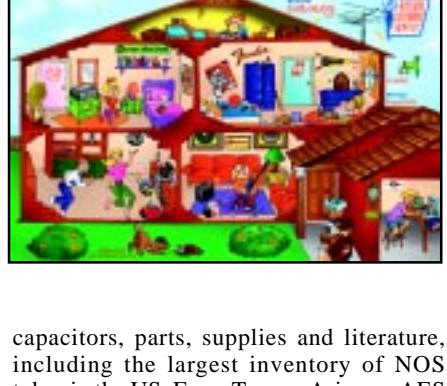
The auto-ranging, standalone meter measures inductors from 1 nH to 100 mH, and capacitors from 0.01 pF to 1 mF (capacitors must be non-polarized), with a claimed average accuracy of 1%. Other features include self-calibration, a 16-character LCD and four-digit resolution.

Prices: \$129.95 (assembled and tested); \$99.95 (kit); \$19.95 (upgrade kit for users of existing LC Meter II and IIA models). For more information, point your browser to www.antennex.com/.

2002 CATALOG FROM ANTIQUE ELECTRONIC SUPPLY

◊ Antique Electronic Supply announces the release of its new, large 2002 catalog, which has grown to 100 pages this year and includes many new products from Jensen, Celestion, Fender, Gibson, Weller, Xcelite, One Electron and more.

Antique Electronic Supply offers a diverse line of vacuum tubes, transformers,



capacitors, parts, supplies and literature, including the largest inventory of NOS tubes in the US. From Tempe, Arizona, AES ships domestically worldwide each day.

For more information, or to get your free catalog, contact AES at 6221 S Maple Ave, Tempe, AZ 85283; tel 480-820-5411, fax 480-820-4643, info@tubesandmore.com; or at www.tubesandmore.com/.

NEW PKTERM SUPPORTS PSK31 AND TIMEWAVE PK-232

◊ In addition to a long list of existing data communication features, CSS's *PKTerm* '99 v1.5 software now supports sound card and hardware interfaces for PSK31 via Timewave's PK-232 PSK31 terminal. The multimode terminal program runs under Windows 95/98/Me and Windows NT/2000/XP as a true 32-bit Windows application.

Price: \$79.95 (*PKTerm* '99); \$29.95 (PK-232/PSK enhancement if upgrading from a previous version of *PKTerm* purchased before May 15, 2001). For more information, see your favorite Amateur Radio products dealer or point your Web browser to the Creative Services Software info site (www.cssincorp.com/), where you can download a demo version of *PKTerm*.