

The Central Ohio Radio Club, Inc.

The Central Ohio Radio Club Newsletter is the Official Journal of The Central Ohio Radio Club, Inc. and is published four (4) times a year. It is mailed to all Full and Associate Members. All copy or advertising must be received at least four weeks prior to publication. Articles may be reproduced for other publications as long as prior permission is obtained and source acknowledged. While the Editor makes all reasonable effort to assure the information within is correct, we do not guarantee it's contents and disclaim all liability. We reserve the right to edit or reject submitted items for publication. Mail all copy to: Joe Hahn (W8NBA), P.O. Box 398, Pataskala, Ohio 43062 Items can also be e-mailed to newsletter@corc.us . Also visit CORC's Web Page at <http://www.corc.us>

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The Central Ohio Radio Club
April 2005 Newsletter



Editor, CORC Repeater Newsletter
Joe Hahn (W8NBA)
P.O. Box 398
Pataskala, Ohio 43062-0398

The Central Ohio Radio Club, Inc. (CORC)

CORC operates repeaters on 146.76, 146.97, 147.33 and 444.200
In addition, CORC affiliates with repeaters on 145.49 and 442.800

Some of the features include:

Autopatch access to Columbus, Delaware and West Licking County and Newark area.
Rapid access dialing to public service or member telephone numbers.
Repeaters used by the Weather Net in Central Ohio in support of The National Weather Service.
PL used on all repeater outputs. Alternate PL tone used during announcements by Weather Net.
Multiple receiver sites on in Franklin, Licking, Delaware and Logan Counties to ensure
Excellent coverage throughout Central Ohio

General Membership allows you and all amateurs in your family at the same address
full use of the CORC facilities, an OPERATING MANUAL, and subscription to the CORC Newsletter,
and a vote at the annual meeting of the corporation.

Associate memberships are available to non-amateurs and to amateurs who are occasional
users of the CORC facilities AND live outside the general coverage area of the repeaters.

1 Year Member Dues	\$18 per year	\$_____
2 Year Member Dues	\$32 for 2 years (save \$4)	\$_____
3 Year Member Dues	\$45 for 3 years (save \$9)	\$_____
Associate Member	\$9 per year per member	\$_____
Optional Repeater Maintenance Contribution		\$_____

PLEASE PRINT

MARK ONE: *New Application* _____ *Renewal Application* _____

Call Sign _____ Name _____ E-mail _____

Call Sign _____ Name _____ E-mail _____

Call Sign _____ Name _____ E-mail _____

Street Address _____

City _____ State _____ Zip+4 _____

Home Phone () _____ Alternate () _____

How many listed above are ARRL Members _____ Check to request Autodial for Home Phone _____

Check to Request Newsletter to be E-Mailed _____

Make check payable to CORC. Please place call sign on check. Mail check and application to:

Joe Hahn, W8NBA, Membership Chairman, PO BOX 398, Pataskala, Ohio 43062-0398

**For More Information either visit the website at <http://www.corc.us>
or call Joe, W8NBA at 740-927-9040**

Thank You for your Membership and Support

The Central Ohio Radio Club Newsletter

April 2005

President

Laura Perone
KA8IWB

Vice-Pres.

Phil Carter
WD8QWR

Secretary

Tony Fabro
N8RRB

Treasurer

Steve Robeano
WD8J KX

Newsletter

Editor

Joe Hahn
W8NBA

Membership

Chairman

Joe Hahn
W8NBA

Repeaters

146.16 / .76
W8RXX

146.37 / .97
W8RRJ

147.93 / .33
W8NBA

442.200

449.200

W8RXX

Associate

145.49 / 4.89

442.8/447.8

W8CMH

CORC Annual Meeting Announced!

The 35th Annual Meeting of the Central Ohio Radio Club, Inc. will be held on Sunday, May 15, 2005. This year we are meeting at the Ohio School for the Blind in Columbus. The Pot Luck Dinner will start at 6 pm. A flier with a map is enclosed with this newsletter. The club will provide the soft drinks and coffee, paper plates and plastic ware. Please bring a covered dish and serving utensils. We are also giving away a Brand New Yaesu FT-2800M 2M 65W 2-Meter Mobile Transceiver. Like previous radio raffles, any paid up MEMBER present, is automatically entitled to one ticket. Additional tickets can be purchased at the door for \$5.

Election of directors, whose terms are expiring, will take place as well as an overview of the last year's operations. Those directors are: John Hull, W8RRJ and Steve Robeano, WD8JKX.

Anyone wishing to nominate a member for a board position should contact John Perone, W8RXX, Chairman of the Nominating Committee, in writing, at least ten days prior to the meeting. Letters of Intent can be mailed to: John Perone, W8RXX, 3744 Africa Rd., Galena, OH 43021 or can be e-mailed to John, at: lpjp@copper.net. Any member can nominate or be nominated for a board position. Be sure to have the nominee present a letter of consent with your nomination.

For your information, and according to the by-laws, printed below is Article V, Section 10 "Election of the Board" from the CORC Constitution.

The election of Directors to replace those whose term has expired shall take place at the Annual Meeting of the Members, or at a special meeting called and held for that purpose. At least twenty (20) days prior to the date of which such an election is held, the Board of Directors shall appoint a Nominating Committee consisting of three (3) persons who may but need not be directors. Such committee shall prepare a list of candidates to fill the Board of Directors and nominate such candidates at the meeting. Other nominations may be made from the general membership; however; any candidate's name so placed in nomination must be submitted in writing and accompanied by written consent of the nominee to the Nominating Committee and least ten (10) days prior to the meeting. A director's failure to attend two (2) consecutive meeting may result in declaration, by simple majority of the directors, the position vacant...

Membership Update

By Joe Hahn, W8NBA
Membership Chairman/ Newsletter Editor

CORC now has a total of 186 full pay members and 6 associate members. In addition, there are 35 family members and 10 life members. Since the last newsletter was printed, the following persons have joined CORC.

Adam Westland	KC8ZEY	David Matheny	KC8UDL
Michael McCarty	WI4NDS		

Please welcome them when you hear them on the air!

CORC members and other individuals continue to donate time, talent and extra money to assist the club with its operating expenses. The following individuals have donated since the last newsletter was printed in January.

Barb Wooldridge	KC8KYP	Matt Gilbert	K8KDR
Ron Treon	K8PFD	Tony Baker	KC8PZU
John Hull	W8RRJ	Trigg Tabor	K8NIO
Laura Perone	KA8IWB	Phil Carter	WD8QWR
Jim Gifreda	W8MAP	Ed Schleppi	K8VKA
Steve Robeano	WD8JKX	Joe Hahn	W8NBA
Tony Fabro	N8RRB	John Perone	W8RXX

Proposed Changes from the FCC on vanity calls....

The FCC is attempting to find yet another way to increase revenues. One way being evaluated is changing the format of vanity amateur calls. They have been discussing dropping the call area number requirement and increasing the maximum number of letters to ten. The requirement to maintain all upper case letters would still remain in effect. There would be limitations on what those 10 letters could spell. No commercial advertisements or profanity would be allowed. There would be no spaces allowed between the letters. Only two vowels would be permitted. The fee they are considering imposing would be on a sliding scale. The more letters one could include in their call, the lower the fee. The FCC will however need to increase the number of staff by 35% to oversee and monitor the call signs requested. There is currently a 6-year study in progress to see if this would be financially beneficial. Now is the time to send your comments to the FCC.

Reprinted without permission from the April 1st edition of Ham Weakly



CORC'S COOKING CORNER

Some favorite recipes from past CORC Pot Luck Dinners...

Ham and Cheddar in a Loaf

Prep: 15 min./Bake: 40 min.! Yield: 6 servings per loaf

- 1 lb. frozen (refrigerated) pizza/bread dough thawed
- 1 pkg. (9 oz.) deli style ham
- 1 C. shredded cheddar cheese
- 1/4C. Miracle whip
- 1 egg, beaten
- 1 Tbl. grated Parmesan cheese

1. Preheat oven to 350. Place dough on lightly floured surface; flatten slightly with hands, then roll into 12x8-in. rectangle w/ rolling pin.
2. Top dough evenly w/ ham, overlapping slices slightly and leaving a 1/2-in. border around all sides.
3. Mix cheddar and miracle whip. Spread evenly over ham.
4. Moisten edges of dough w/ water. Starting at one of the long sides of dough, fold 1/3 of the dough over the filling, then repeat w/ the other side. Firmly pinch ends of dough together to seal. Place, seam side down, on lightly greased baking sheet.
5. Cut 3 diagonal slits in top of dough using kitchen shears. Brush evenly w/ egg; sprinkle w/ parmesan. Bake 35-40 min. or until golden brown. Cool 10 min. before cutting into even slices.

* Recipe retrieved from Kraft Family Magazine (www.kraftfoods.com)

Tater Tot Casserole

1. Brown a pound of Ground Beef (Turkey may be substituted) and drain.
2. Place Ground Beef in baking dish (add Seasoning if desired) and add on can of Cream of Mushroom Soup. Stir in one-pound bag of Frozen Vegetables.
3. Smooth out mixture to make sure the dish is level. Add layer of Shredded Cheese. (Colby Jack, recommended but any favorite cheese will work.)
4. Line top of baking dish with single layer of Tater Tots.
5. Bake in oven for 20 or 25 minutes or until Tater Tots reach golden brown color. Remove from oven and serve.

Franklin County Hamfest

SUNDAY June 5, 2005 8:00 AM

FRANKLIN COUNTY FAIRGROUNDS,
JUST WEST OF COLUMBUS
(IN HILLIARD, OHIO)

>>>> <<<<

Admission at the door is \$5.00 per person to buy or sell.
Call in frequency 147.840 / 147.24 Mhz Courtesy C.C.R.A.

Take the I-270 outer belt to west side of Columbus, Ohio. Exit at Cemetery Road (Hilliard). Drive 1.5 miles west on Cemetery Road to Norwitch Street and turn RIGHT (just before R/R overpass). Go 0.5 mile north on Norwitch (look for fairgrounds signs) and turn right onto Columbia Street then straight ahead to fairgrounds entrance. Free Parking.

Inside seller's tables (8ft.) or outside sellers spaces are \$5.00 each.
Set up time: 6:30AM.

For more information, contact Chris Lind, KC8BUO,
P.O. Box 14281, Columbus, Ohio, 43214
Ph. 614/ 267-7779 FAX 614/268-8539 clind2@juno.com

Membership Renewal Time

For most of you, May is month that your membership payment is due. Some are using the multi-year discount system and saving a few dollars each year. One-year dues are \$18, two \$32 and three is \$45. Everyone is being mailed a newsletter this time so you can see when your dues are due. We have also tried to make it easy by putting the membership application on the other side of the mailing page, so all you have to do is send that page with your check. You do not need to fill anything out unless anything has changed.

One other quick thing, if you know of someone that is a frequent user of the repeaters and not a member, please invite them to join. Membership applications are either on line at www.corc.us or available at Universal Radio in the front of the store. You can also call the membership chairman, Joe Hahn W8NBA, at 740-927-9040 or e-mail him at membership@corc.us. Thanks!

You will notice that the Universal Radio Ad is missing from this newsletter. No, we're not mad at Universal. It's just that we are limited to 5 printed pages to stay within the one ounce Post Office First Class weight limit, and I used them all. You can find the print advertisement at <http://www.universal-radio.com/ads/adham.pdf>. Besides, you always can find a reason to go to "The Candy Store".

e TRAVELIN' TONY'S TIMETABLES

by: Tony Fabro N8RRB
afabro@wowway.com

Everywhere you look, wireless technology is present. From radios, to phones, to household appliances, we use wireless technology on a daily basis. Of course our hobby of ham radio is a part of that wireless technology, and many inventions of ham radio have evolved into non-ham applications (and vice versa).

I remember in the mid 1990s a ham telling me “wireless is the wave of the future.” This was before cell phones were as widely used as they are today. His prediction has come true in some ways you may not even have thought of. Here are a few examples of wireless technology in use where you may not realize it.

I operate the clock for high school boy's basketball at my alma mater. A year ago we needed to order a replacement part for the scoreboard. While searching on the web for the part, I noticed that the company offered a scoreboard that employed wireless technology. The control box that the operator uses has a transmitter in it, which transmits the information to the remote scoreboards. This eliminates stringing hundreds of feet of cable (or thousands in the case of a larger building) to the remote boards, and eliminates the wires at the scorer's table which often get damaged by players running into the table.

Along the same lines, NBA officials now have a remote clock starter on their waist, which can be used to start the clock at the end of games when accurate timing is critical. Sometimes the players obstruct the view of the clock operator so having the official on the court start the clock makes sense.

Railroads have broadened the use of wireless technology with respect to their signaling. Newer signal systems use a radio communication system where signal commands and aspects are transmitted to remote locations via radio signals. The remote locations send a signal back to the control point acknowledging the signal, which is fed back to the dispatcher's terminal. In a future article I will describe this technology at length.

Have a safe day.

More Annual Meeting INFO

Besides the big Yaesu Mobile Radio give-away, a PowerPoint Slideshow will be presented featuring the CORC repeaters. It is informative as well as humorous. If you have never been to a CORC Pot Luck, or have been to them all, this is the one to be at. Join us on May 15th at The Ohio School for the Blind.

Central Ohio Severe Weather Network

by: John Montgomery, N8PVC

Spring is finally here according to the calendar so warmer weather can't be far behind. What an interesting winter we had with a major ice storm that knocked out power in a wide area and damaged and destroyed many trees. Of course the collateral damage was huge as well with flooded homes and frozen pipes because sump pumps and furnaces had no power.

Winter flooding was unusual this year and forced numerous families to flee to higher ground.

Mother nature always finds a way to bring us back to reality pointing out all the ways we were unprepared. Severe Weather Awareness Week has just passed. I hope everyone took advantage of the opportunity to practice their escape plans to a weather safe area. If you haven't put an escape plan together do it now and make sure everyone is aware of it.

Make sure your place of employment or House of Worship has a weather safe area and that proper signage exists identifying it. A few minutes now explaining where the shelter is could save numerous lives later.

Amateur radio operators throughout the area deserve a hearty thanks for stepping in to provide communications in several key areas during this winter. We often think of winter as the time to rest and relax a bit. As usual COARES, COTN and other groups were up to the task. Let's also remember repeater clubs such as CORC that have their systems ready for use at any time day or night.

Severe weather often surprises us and can even catch the National Weather Service off guard occasionally. That's where storm spotters can play an important role. If you experience weather that meets severe criteria, and a weather net is not in progress, transmit touchtone 5 on 146.76 for about seven seconds. Pagers that COSWN net control operators carry should activate notifying them that assistance is needed. Within a few minutes an operator should come on frequency to take your report.

Don't forget the annual OSU Severe Weather Symposium on April 15th at the Fawcett Center. It's a full day for true blue weather junkies. It starts at 8 AM and ends at 4 PM. You can RSVP at <http://geog-www.sbs.ohio-state.edu/metclub/>.

COSWN's weekly Tuesday evening nets have begun. Check-in at 7:30 PM on 146.76.

CORC ANNUAL MEETING and Pot Luck

SUNDAY

May 15, 2005

6:00 PM

**The Ohio State School
for the Blind**

CORC WILL PROVIDE

Soft Drinks

Coffee/Tea

Plastic Ware

Cups, Plates

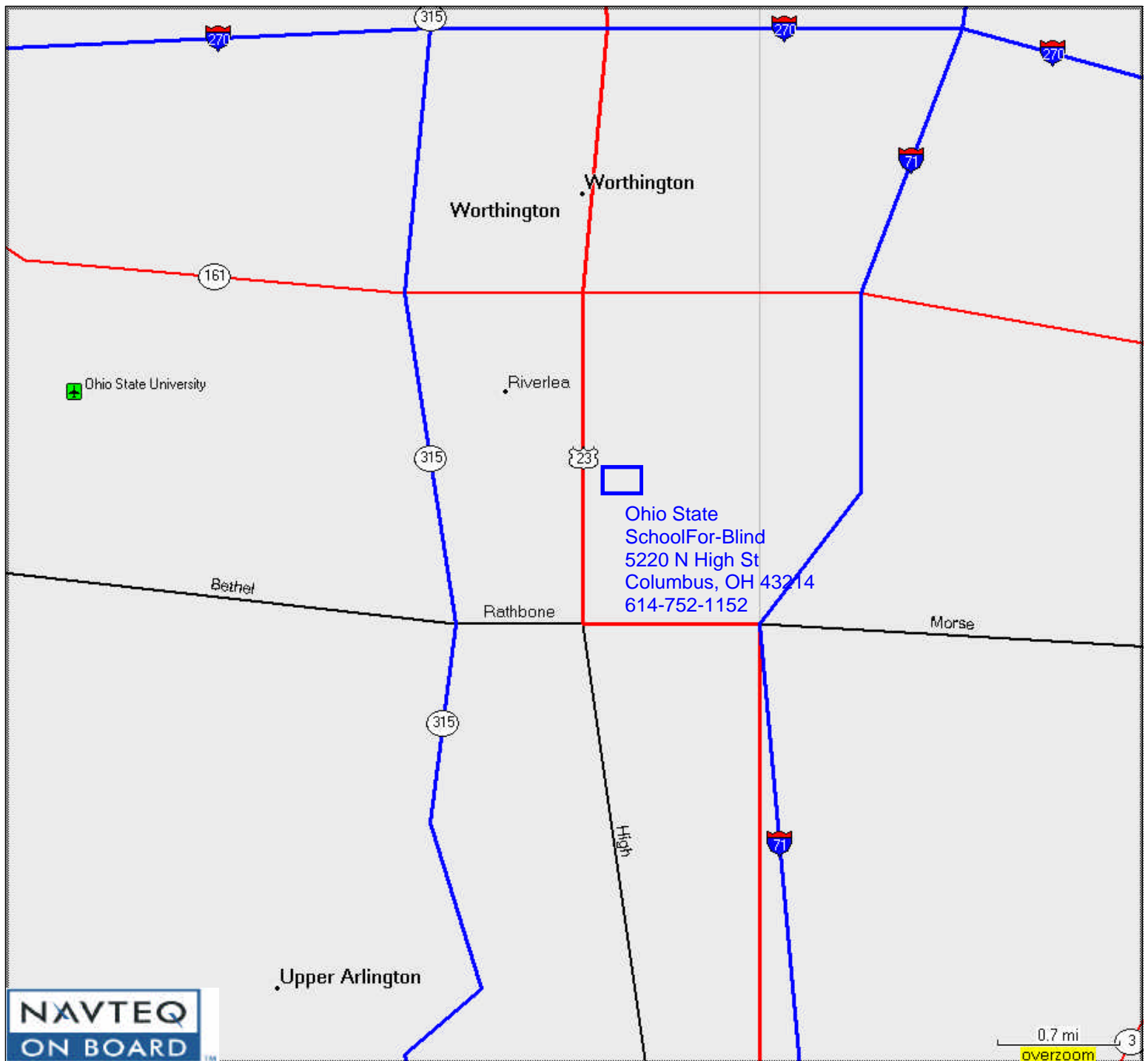
\$\$ 50-50 Drawing \$\$

Grabbags and Other Surprises

BIG RADIO GIVE-A-WAY

Yaesu FT-2800M 2M 65W 2-Meter Mobile Transceiver

Must be present to WIN



The best way to get there is to exit I-71 at Morse Rd, go west to High Street. Turn right (North) on High Street. Approx ½ mile north of Morse, across from Pierce Cleaners, turn right (East) up the driveway. Enter from door directly ahead of driveway. Go to the Recreation Hall, the meeting is in basement. A elevator is available for those that need it. The building is handicap accessible.

If you get lost, ask for directions on 146.76 Repeater, we will have talk-in operators on hand to help.

Universal Radio - Quality equipment since 1942.

ICOM

IC-208H



- Encode/Decode
- 9600 Ready
- 500 Memories
- Duplexer
- Weather Alert
- DTMF Mems
- FM Narrow Capable
- Three Output Levels
- Detachable Head
- RF Attenuator
- 1750 Hz Tone Burst
- Full Function Mic

The IC-208H 2M/440 dual bander features: detachable control panel, wideband receive, CTCSS decode/encode, PC compatibility and 500 alpha memory channels. Output is 55/15/5 watts on 2 meters and 50/15/5 watts on 440 MHz. The 208H also includes a built-in duplexer, packet port, OPC-600/R separation cable, HM-133 remote hand mic, mobile mounting bracket and spare fuses. **Order #0208 Please Call**

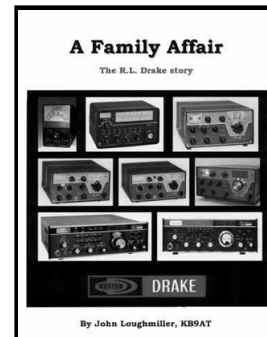


GP-4L



The County Comm GP-4L is smaller than a pack of cigarettes, but can tune in the world. This amazing radio tunes AM, FM and has two short-wave bands. Shortwave band 1 tunes from 5.95-9.95 MHz to include the 49, 41 and 31 meter bands. Shortwave band 2 tunes from 11.65-17.9 MHz to include the 25, 19 and 16 meter bands. Medium wave coverage is 530 to 1710 kHz and FM is 80-108 MHz. This radio also features a 12 hour format clock with timer function. The buttons to set the clock are on the rear panel. This radio requires 3 - 4.5 VDC or two AA cells (not supplied). The GP-4L comes with earbuds. This new latest L models also features a built in bright LED. Here is an inexpensive, yet capable radio that is just right for your emergency kit or on-the-go listening. 2.5 x 3.5 x 0.9 inches. **GP-4L Order #0247 \$21.95**

A Family Affair The R.L. Drake Story



- The inside story of R.L. Drake
- 23 Chapters
- 300 Pages
- 150 Photos
- Glossy four color cover
- Over 150 pages of radio mods.
- \$24.90 Sale!

John Loughmiller KB9AT reveals the behind-the-scenes history of the famous R.L. Drake Company, focusing on the glory days, when Drake was king in amateur radio. Every ham and SWL knew R.L. Drake from the outside, but now the inside story of this incredibly interesting company is told. This book also includes 150 pages of useful circuits and modifications for many Drake amateur radios. An entertaining read and a great technical reference for every Drake owner.



BC-900

The La Crosse Technology BC-900 charges both AA and AAA rechargeable NiCD or NiMH batteries simultaneously and automatically. Charging automatically begins at 200 mA (or select 500, 700, 1000, 1500 or



1800 ma settings). Batteries will be discharged and recharged up 20 cycles or until batteries are refreshed to maximum capacity. The four mode display shows voltage, current charge, time elapsed and accumulated capacity. The BC-900 has overheat detection to protect from over-charging. Input voltage is 100-240 VAC via the supplied AC adapter. Includes: a durable carry bag, AC adapter, four NiMH AA cells, four NiMH AAA cells, four C cell adapters and four D cell adapters (use the adapters to convert any AA cell to C or D size). 3.0 x 5.1 x 1.5 inches. **List \$69.95 Order #2264 \$59.95**



END-FEDZ

The Par End-Fedz are full length half wave dipoles with the coax connector at one end of the dipole, where it is most needed. These antennas can be mounted horizontally, vertically or as a sloper. End insulators are supplied. All hardware is stainless and the SO239 connector is silver-teflon. The radiator material is a tough, polyethylene jacketed, flexible 14 gauge copper wire. Power rating is 100 watts (except QRP #2831). The all black construction makes them difficult to see. Great for portable, field day or stealth applications.

Band	Length	1.5:1 BW	Order#	Price
EF-20	33.0 Feet	300 kHz	#4456	\$41.95
EF-17	28.0 Feet	350 kHz	#4457	\$41.95
EF-15	22.0 Feet	400 kHz	#4458	\$41.95
EF-12	17.5 Feet	500 kHz	#4459	\$40.95
EF-10	16.5 Feet	600 kHz	#4460	\$39.95
EF-6	9.2 Feet	1200 kHz	#4461	\$38.95
EF-20/40	39 Ft.	[25 watts]	#2831	\$57.95

OMNIANGLE

The Par Omniangle Antennas accomplish what the halo and turnstile started out to do- provide a clean omnidirectional, horizontally polarized antenna. These antennas lend themselves to SSB/CW mobile, fixed station where a rotator is not convenient, net control, and even working the Russian satellites. Their small, light weight size also makes the Omniangles ideal for use where antenna restrictions are in effect. Visit our website for additional details and illustrations.

Band	MHz	1.5:1 BW	Order#	Price
OA-28	28-30	490 kHz	#4465	\$73.95
OA-50	49-54	490 kHz	#4466	\$68.95
OA-144	138-148	1500 kHz	#4467	\$53.95
OA-222	218-226	2500 kHz	#4468	\$53.95
OA-432	420-450	4500 kHz	#4469	\$53.95

Visit our website for great used equipment values. Now with photographs of select items. Have a look



CLEAR SPEECH



The Heil Clear Speech is a digital speaker that removes up to 95% of the background noise from the receive side of any two-way radio communication. The most common complaint about mobile communications is background noise. ClearSpeech-Speaker is a high-tech, low cost solution that enhances the audio quality of car and truck fleet, emergency vehicles, marine and ham radio communications. Advanced features include: four step DSP level switch, Sensitivity input level monitor (one LED to allow you to set the input level correctly without clipping the DSP stages, Variable Tone Control, By-pass Switch, External Speaker Jack, Headphone Jack and DC Power On/Off Switch. Comes with a mounting bracket, fused 12 VDC cable and mono mini to mini audio patch cord. This device requires 12 VDC 500 ma. **ClearSpeech Order #2980 \$209.95**

The MFJ-1706 selects one of six different balanced feedlines from 1.8 to 30 MHz. The rear panel has heavy-duty, versatile 5-way binding posts. They will accept banana plugs (not supplied). This switch will handle the full legal limit. Black metal case 9 x 3.2 x 6.2 inches. **MFJ-1706 Order #2268 \$84.95**



universal
radio inc.

Universal Radio, Inc.
6830 Americana Pkwy.
Reynoldsburg, OH 43068

◆ 800 431-3939 Orders-Prices
◆ 614 866-4267 Information
→ 614 866-2339 FAX Line
✉ dx@universal-radio.com

Guaranteed lowest prices on the web?
Not always. But we do guarantee that you will find our website the most informative.
www.universal-radio.com

- ✓ With required purchase.
- ◆ Prices & specs. subject to change.
- ◆ Prices shown are after mfg's coupons.
- ◆ Returns subject to a 15% restock fee.
- ◆ Prices and promos valid to 03/31/05.