

OFF THE AIR



Please visit us online at www.GrantARC.org

The GCARC is an ARRL affiliated club

"Off The Air"

is the official publication of the Grant County Amateur Radio Club

2023 Officers

President – Mitch Miller - W9DDX mitchmiller55@gmail.com Vice President – Scott Oyer - K6SJO Soyer38301@gmail.com Secretary – L. B. Nickerson – K9NQW k9nqw1979@gmail.com Treasurer – Bob McFarland - AD9AW profbob9949@gmail.com Trustee – Kevin McNeely – KB9CRA kb9cra@outlook.com

Newsletter Editor

L. B. Nickerson – K9NQW k9nqw1979@gmail.com http://www.grantarc.net Member – Indiana Radio Club Council

ARRL Indiana Section Staff:

Section Manager: Jimmy Merry – KC9PRX Assistant Section Manager and Section Traffic Manager: Brian Jenks – W9BGJ Section Emergency Coordinator: James Moehring - KB9WWM Assistant SEC: Brent Walls - N9BA Assistant SEC: Tony Stokes - N9UN State Government Liason – Dave Spoelstra - N9KT Public Information Coordinator – Barry Palencer – KC9WMS Section Youth Coordinator – Andrew Murrey – N9AWM Technical Special Coordinator – Thomas Busch – WB8WOR http://www.inarrl.org Section Jobs Description http://www.arrl.org/FandES/field/org/

From the President

. Well out class went just fine. We had 5 people test, 4 from the class, and 1 guy from Union City. All 5 people passed their Technician Class test.

Looks like everything for the hamfest is on target, so that's going well. We need volunteers for the hamfest so please sign up to volunteer.

I would like to thank Dr. Bob McFarland – AD9AW, for all of his work in the Treasury and how he got things done and working Smoothly.

Well we're hoping things out at the EMA building are on track. We are trying to get the tower from Matter Park and some funding for it. So everybody keep their fingers crossed.

Easter is just around the corner. We wish everybody a Happy Easter and we will see you again on the air.

Stay Radio Active

Thanks your Club President Mitch Miller - W9DDX

Grant County ARC Nets

What: 2 Meter Net When: Every Sunday Evening Time: 2030 hrs Local Time Freq: 146.790- (PL 141.3) Alternate Freq. 147.195+ (PL 141.3)

What: DMR Net – Indiana Crossroads Net When: Every Monday Night Time: 2000 hrs Local Time Freq: 442.750+ (Color Code 1)

What: Dstar Net – Indiana Statewide Dstar Net When: Every Thursday Evening Time: 2000 hrs Local Time Freq: 443.400+ {(W9EBN) (Reflector 24b)}



The American Radio Relay League 225 Main Street, Newington, CT 06111 or phone (860)594-0200 or fax (860)594-0303



From the Editor

On March 28th we finished our first Technician Class. We had a total of 4 students in the first class that ran for 8 weeks. All 4 of the students passed their Tech License Exam and are now waiting for their callsigns from the FCC. The instructors would like to congratulate you for the fine job that you did. Below are some pictures of the class.



Greg Ballenger – N9MNW giving instruction of the last chapter of the book to the class. 03/21/23

Students getting instruction On Chapter 13 (Safety) of the Ham Radio School's Technician License Course





After the test session. From Left to Right: Mitch Miller – W9DDX Charlie Rodecap – KA9HDG Jeff Banter – KB9CQZ

In the background – James Kinzie II newly licensed Tech Brian Hamaker – KD9VFA Nikolas Hamaker – 8 years old newly licensed Tech

The first Technician Class Of GCARC. Class 01-23

From Left to Right: James Hendey, James Kinzie II Nikolas Hamaker Diann Miller

It must be noted that Nikolas is only 8 years old. And I believe to be the youngest person in the history of GCARC to take the Technician Class License test and pass it on the first try.



On behalf of the GCARC Executive Board and the Instructors that gave the class. Congratulations on passing the Technician Test and joining the World of Amateur Radio. Job well done.

Monthly Breakfast Meeting at Kammy's Kafe In Jonesboro, IN

Photo submitted by Tim Faveau - KB2PBR



In this picture starting from lower left to right: Mike Miller – W9DXC; Paul Swanson – KD9TEX; Scott Shepler -KC9RAX; Oden Pace; Colt Pace – KD9VVS; Scott Oyer – K6SJO; Steve Kirk – KD9RZF; Diann Miller; Mitch Miller – W9DDX; Nick – K9NQW; Charlie Rodecap – KA9HDG.

Mitch is seeing here giving a talk about club business.

April 2023

 May 2023

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Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
26	27	28	29	30	31	1 April Fool's Day
2 Palm Sunday GCARC 2 Meter weekly Net 8:30 PM Net Control KC9RAX	3 Crossroads DMR Weekly Net 8 PM Net Control KC9OYW	4	5	6 Maundy Thursday Indiana DStar Weekly Net 8 PM Net Control: K9NQW	7 Good Friday	8 Monthly Breakfas Meeting 8:30 AM Kammy's Cafe Monthly Siren Test 11:45 AM
9 Easter GCARC 2 Meter weekly Net 8:30 PM Net Control K9NQW	10 Crossroads DMR Weekly Net 8 PM Net Control KC9OYW	11	12	13 Indiana DStar Weekly Net 8 PM Net Control: K9NQW	14	15
GCARC 2 Meter weekly Net 8:30 PM Net Control K9NQW	17 Crossroads DMR Weekly Net 8 PM Net Control K9NQW	18	19	20 Indiana DStar Weekly Net 8 PM Net Control: KA9OPL	21	22 Earth Day
GCARC 2 Meter weekly Net 8:30 PM Net Control K9NQW	24 Crossroads DMR Weekly Net 8 PM Net Control K9NQW	25 Testing at 5:00 PM GCARC Meeting 6:30 PM	26	27 Indiana DStar Weekly Net 8 PM Net Control: KA90PL	28 North Central Indiana Hamfest Setup Time: 5:00 - 8:00 PM	29 North Central Indiana Hamfest Setup Time: 7:00 - 8:45 AM
O GCARC 2 Meter weekly Net 8:30 PM Net Control K9NQW	1	2	3	4	5 Cinco de Mayo	Doors Open: 09:00 AM



North Central Indiana Hamfest

ARRL Indiana Section Convention

Saturday, April 29, 2023 9:00 AM to 2:00 PM (EST) Miami County 4-H Fairgrounds 1029 W. 200 North, Peru, IN

Hosted by the Cass County, Grant County, Miami County & Kokomo Amateur Radio Clubs.







86° 5.635' W

Talk-In on 147.345+ (131.8)

Ticket Information \$5.00 -17 and Under Free. Free Parking, Handicap Accessible

Coordinates: 40° 47.521' N Forums To Be Announced

Raffle & Hourly Door Prizes

Icom 2730 Dual-Band Mobile Yaesu FT-65 Dual-Band HT

On Site Camping – Only \$30.00/Night

Electric & Water Hookups 2 Sewage Dumpsites Restrooms with Showers Contact: Dave McDougle, Fairground Facility Manager at 765-327-5398.

Vendor & Tailgating Information

Setup Times: Friday, 5:00 - 8:00 p.m. & Saturday, 7:00 - 8:45 a.m. Inside Tables: Reserved tables \$5.00 each Tables day of event - \$7.00 each Admission: \$5.00 / Person Tailgating Area: \$5.00 + \$5.00 / Person Admission

Reserve Your Tables

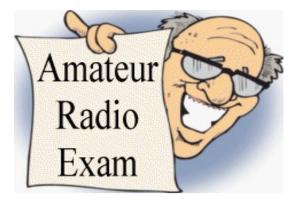
Call Mitch Miller at 765-661-5893 or email: ncihamfest@gmail.com

Free Laurel VE Testing 8:00 - 10:00 a.m.

(Does not include FCC License Fees \$35.00)



Bring a Photo ID. Children can use a Student ID. The FCC now requires an FRN Number to test. Get an FRN Number at https://apps.fcc.gov/cores/ If already licensed and upgrading, bring a copy of your current license. Need more info, contact John Fulton at email: n9vob@sbcglobal.net



04/03/23

Sponsor: Whitley County ARC Time: 08:00 PM (Walk-ins Allowed) Contact: Roger L McEntarfer (260) 503-9008 Email: rimcen56@gmail.com VEC: W5YI VEC Location: On Line Virtual

Columbia City, IN 46725-8612

04/10/2023

Sponsor: Whitley County ARC Time: 8:00 PM (Walk-ins Allowed) Contact: Roger L McEntarfer (260) 503-9008 Email: rimcen56@gmail.com VEC: W5YI VEC Location: On Line Virtual Columbia City, IN 46725-8612

04/08/2023

Sponsor: Central Indiana ARA/HCRACES Time: 10:30 AM (No Walk-ins / Call Ahead) Contact: Joe March (317) 224-9433 Email: jamrch54@att.net VEC: ARRL/VEC Location: Hamilton Cnty Emergency Ops Center Sheriff's Campus Training Room 18100 Cumberland Road Noblesville, IN 46060-1624

04/15/2023

Sponsor: Indianapolis Radio Club W9JP Time: 12:00 PM (No Walk-ins Allowed) Contact: James K. Rinehart (317) 721-1458 Email: k9ru@arrl.net VEC: ARRL/VEC Location: Salvation Army EDS Training Fac 4020 Georgetown Road Indianapolis, IN 46254-2407 Call Ahead

Due to the Coronavirus outbreak, please verify with your VE team that the exam session is being held.







04/17/2023

Sponsor: Whitley County ARC Time: 8:00 PM (Walk-ins Allowed) Contact: Roger L. Mc Entarfer (260) 503-9008 Email: rimcen55@gmail.com VEC: W5YI VEC Location: On Line Virtual Columbia City, IN 46725-8612

04/24/2023

Sponsor: Marshall County ARC Time: 8:00 PM (Walk-ins Allowed) Contact: Richard J. Basham (574) 216-6080 Email: rjbasham@yahoo.com VEC: W5YI VEC Location: Cornerstone Church of Argos 11525 State Road 10 Argos, IN 46501-9515

04/25/2023

Sponsor: Grant County ARC Time: 5:00 PM (No Walk-ins / Call Ahead) Contact: Mitch Miller (765) 661-5893 Email: mitchmiller55@gmail.com VEC: ARRL/VEC Location: EMA Building 3921 Garthwaite Rd Gas City, IN 46933

04/18/2023

Sponsor: Anderson Repeater Club Time: 7:00 PM (Walk-ins Allowed) Contact: Stephen M. Riley (765) 425-4627 Email: wa9cwe@arrl.net VEC: ARRL/VEC Location: Madison County EOC 200 Delaware St Anderson, IN 46016-2238

04/24/2023

Sponsor: Whitley County ARC Time: 8:00 PM (Walk-ins Allowed) Contact: Roger L. Mc Entarfer (260) 503-9008 Email: rimcen55@gmail.com VEC: W5YI VEC Location: On Line Virtual

Columbia City, IN 46725-8612

Due to the Coronavirus outbreak, please verify with your VE team that the exam session is being held.







Columbus Indiana Hamfest

Start Date: 04/01/2023 End Date: 04/01/20223 Location: Columbus North High School Cafeteria 1400 25th Street Columbus, IN 47201 Website: http://carcnet.net Sponsor: Columbus Amateur Radio Club

Type: ARRL Hamfest Talk-IN: 146.790 - (PL 103.5 Hz) Public Contact: Mike Idlewine, WE9MI 4373 Windsor Lane Columbus, IN 47201 Phone: 812-521-6206 Email: Idlewine@comcast.net

St Joseph Cnty MI ARC Hamfest

Start Date: 04/22/2023 End Date: 04/22/2023 Location: St Joseph County Michigan Fairgrounds Building #52 316 E Charlotte Street enter off of S. Franklin St Centerville, MI 49032 Sponsor: St Joseph County Michigan

Amateur Radio Club **Type:** ARRL Hamfest **Talk-in:** 145.310- (PL 123 Hz) **Public Contact:** John Feleyn, KC9AAF 65793 Burr Oak Road Burr Oak, MI 49030 Phone: 269-353-7673 **Email:** fuseboxr@hotmail.com









Henry County Hamfest

Start Date: 04/29/2023 End Date: 04/29/20223 Location: New Castle Armory 1537 Grand Ave. New Castle, IN 47362 Website: http://www.w9og.org Sponsor: Henry County ARC Type: ARRL Hamfest Talk-IN: 147.390 + (PL 127.3 Hz) Public Contact: Steve Benson, KD9ILY 3707 S Memorial Drive New Castle, IN 47362 Phone: 765-529-6727 Email: kd9ily@gmail.com

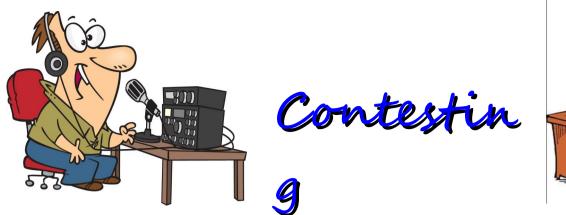
North Central Indiana Hamfest

Start Date: 04/29/2023 End Date: 04/29/2023 Location: Miami County 4H Fairgrounds 1029 W 200 North Peru, IN 46970 Website: http://NCIHamfest.com Sponsor: Cass, Grant Miami, Howard Cntys Type: ARRL Hamfest Talk-in: 147.345+ (PL 131.8 Hz) Public Contact: Mitch Miller, W9DDX 3658 Moorland Drive Marion, IN 46952 Phone: 765-661-5893 Email: mitchmiller55@gmail.com











Below is a list for contesting. This list is from the ARRL.org webpage

April 2023 Rookie Roundup Date: 04-16

Rules can be found at www.arrl.org/contest

Also for other contest that are available go to the above webpage and look under Contest Corral.











Special Event

	•	
<u>Date</u> 03/31 to 04/03	Name of Spe Cale Feat 165 th Annual Tater Day Festival Yam it Up! Www.facebook.co	<u>Webpage</u> om/groups/861322314291904
04/02 to 04/03	The Popcorn Net 3 rd Anniversary	wt2t@popcornnet.net
04/04	WE7GV Vintage Radio Special Event	we7gv@gmail.com
04/08	Battle OF New Bern Adventure Day Specia	al Event
04/08	Commemorating Operation Frequent Wind Evacuation of Saigon in 1975	l; www.qrz.com/db/ni6iw
04/11	Kamikaze Attack Remembrance	www.qrz.com/db/w5kid
04/14 to 04/29	Whiskey 4 Moonshine https://whiskey/	4moonshine.wordpress.com
04/15	100 th Anniversary of the Garland, Texas po Garland Power and Light	ower company, info@k5qhd.org
04/15 to 04/17	40 th Anniversary of the Voyage of the Abegweit	www.qrz.com/db/K9CYC
04/15 to 04/22	Beaver Valley ARA 100 th Anniversary	www.3sgi.org
04/15 to 04/16	Texas State Parks on the Air to Commemo WK5DX, The Texas Event's Founder	orate Tom King, https://www.tspota.org/home



DateName of Special Event04/17 toWorld Amateur Radio Day 202304/18

- 04/22 to Earth Day Celebration 04/23
- 04/22 to Venice Shark's Tooth Festival 04/23
- 04/28 to National Library Week 04/30
- 04/29 30th Anniversary
- 04/29 to Anniversary of the Birth 04/30 of Radio Astronomy
- 04/29 Hams for PanCAN
- 04/29 to Hams for PanCAN 05/01
- 04/29 MERT20 Special Event



Webpage www.roc.ham.net

www..parmaradioclub.com

tamiamiarc.org

www.qrz.com/db/WF8U

bellavistaradioclub.org

kshoemak@nrao.edu

www.lmars.org

rybar1949@gmail.com

www.mert20.org







Grant County Amateur Radio Club

Membership Application 2023

Please complete this form and return it with your dues. Make all checks or money orders payable to GCARC. Send the printed form with your dues to the Treasurer at the address below. You may also return this application at one of the club's meetings. Please either mail or bring this application and dues to the next meeting.

Meetings are held on the 4th Tuesday of each month at 6:30 pm at EMA Office located at 3921 South Garthwaite Road, Gas City, IN. Directions: From Gas City: Take Main Street to 10th Street, Go North about 3 miles. Located on east side by the County Highway Dept. From Marion: Take 38th Street East to Garthwaite Road, Turn right. Go South about 2 miles. Located on east side by the County Highway Dept.

Mailing Address:

Name:			
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- Family Annual Membership: Full membership + \$5.00 per person, maximum of \$30.00 per household •
- Associate Membership: \$10.00 per person. Limitations on Associate Membership:
 - 1. No voting privileges
 - 2. Cannot hold Office
- Partial-Year Membership: After July 1st dues are reduced to 1/2 the normal rate for Full or Associate • Membership.

Please make sure you sign the form.

Signature:

I agree to abide by and support the Constitution and ByLaws of the Grant County Amateur Radio Club. NOTE: Please fill out a seperate form for each family member.

Ham Radio Trader

This is a new section of the newsletter. Items on this page are for sale by hams. The following rules will apply for items to be listed on this page.

1. All items must be Amateur Radio related

Examples: Ham radio gear and computer items. 2. Ads must be submitted by the 15th of the month so that they

can be put in the newsletter the following month. Example: Items for the March newsletter must be submitted no later then February 15th

Ads must have the following information.

Item description, picture of item in jpg form, selling price, and email of seller.

You can send your ad to k9nqw@arrl.net



Icom IC-2720H Transciever Icom IC-2720H VHF/UHF Transciever: VHF-144-148 MHz UHF-440-450 MHz Reciver Frequency Coverage: Left side: 118-550 Mhz, Right side: 118-174, 375-850, 910-999.99 MHZ (less Cellular) Mode: FM, AM Memory Channels: 212 Output Power: VHF: 50W, 15W, 5W UHF: 35W, 15W, 5W Power output is selectable Power Supply Requirement: 13.8V DC Asking: \$220.00 Contact: Nick at k9nqw@yahoo.com

For Sale - Example

Amateur Radio Equipment For Sale Scott Oyer - K6SJO <u>k6sjo@protonmail.com</u>

The following equipment is up for sale. Will accept Cash, or personal check (check will have to clear first unless I know them). Shipping is available for additional cost. For more information on any of the listed items please email me at <u>k6sjo@protonmail.com</u> or text 217-504-1886. Prices are listed below the pictures.



Yaesu FT-1000MP Mark V

Yaesu AC Power Supply FP-29

FT-1000MP Mark V Specifications

- RX Frequency Range: 100 kHz 30 Mhz
- TX Frequency Range: 160 10 m (Amateur bands only)
- Emission Modes: LSB, USB, CW, FSK, AFSK, AM, FM
- Frequency Steps: 0.625/1.25/2.5/5/10 Hz for SSB, CW, RTTY & Packet
 - 100 Hz for AM and FM
- Supply Voltage: 30 VDC and 13.8 VDC (FP-29)
- Dimenstions (WHD): 16"x5.3"x13.7"
- Weight (approx.): 31 lbs

FP-29 AC Power Supply

- DC Output Voltage: +30 V, +13.8 V
- Input Voltage: AC 100–120V, 50 60 Hz / AC 200-240V, 50 60 Hz
- Current Consumption (Approx.): AC 100-120V: 9 A / AC 200-240V: 5A
- Case Size (WxHxD): 4.2 x 5.3 x 13 inch / Weight (Approx.) 7 lbs
- Supplied Accesory: DC Power Cable T9022299 (lenght: 2 meters) / AC Power Cable

Asking Price: \$900.00 for both pieces

If interested in the above item please email me at k6sjo@protonmail.com or text 217-504-1886

Amateur Radio Equipment For Sale Mike Kasrich – AJ9C <u>aj9c@indy.rr.com</u>

The following equipment is up for sale. Will accept PayPal, cash, MO, or personal check. Shipping is available for additional cost. For more information on any of the listed items please email me at <u>aj9c@indy.rr.com</u>. Prices are listed below the pictures.



INRAD 2.1 kHz filter for R4C Asking Price: \$75.00



Alliance HD-73 Rotor with Control Box Asking Price: \$150.00 Shipping Extra





Remote Antenna TunerRemote Antenna Tuner Picture 2I purchased this to make a remote antenna tuner. There is a vacuum variable capacitor with a motorand a ribbon inductor with the motor. The unit is complete.Asking Price: \$125.00

Note: Reasonable offers entertained. Shipping/Insurance extra Delivery within an hour or so from Marion, IN

If interested in any of the above items please email me at aj9c@indy.rr.com

Alinco DJ-580T Handheld Transceiver with drop-in charger and extra battery

The Alinco DJ-580T is a powerful 2 meter / 70 cm twinband HT with great sound. You get features galore including 40 memories, three RF power levels, full duplex and dual watch, independent VHF/UHF controls, sophisticated scanning and illuminated keypad. Transmit coverage is: 144-147.995 and 440-449.995 MHz. Receive coverage is: 130-173.995 and 400-519.995 MHz. Frequency resolution is 5, 10, 12.5, 20 and 25 kHz. High power output with the supplied EBP-20N is 2.0 watts and 1.5 watts UHF. Medium power is 1 watt and low power is 0.3 watts. High power output is 5 watts VHF and UHF. Comes with extra battery and drop-in charger.







Asking Price: \$90.00 Contact Nick – K9NQW at k9nqw@yahoo.com or grantcountyamateurradioclub@gmail.com

Amateur Radio Equipment For Sale

Linda Bowman – KB9YAO email: kb9yao@yahoo.com Phone: 260-228-9386



Icom 746 HF/6M/2M

- Spectrum Scope
- 102 Memories
- RIT/XIT
- Noise Blanker
- VOX Function
- Selectable APF
- Dual Display
- 100 Watt Output
- 40 Watt Output (AM)

- Built-in Automatic Antenna Tuner 180-6 Meters
- Full Break-In CW
- CW Keyer
- 100% Duty Cycle
- Rx Antenna Jack
- DSP Notch
- 1 Hz Readout
- Memory Keyer
- RF Attenuator 6/12/18 dB

Asking Price: \$600.00

Linda Bowman – KB9YAO email: kb9yao@yahoo.com Phone: 260-228-9386



Icom 756 Pro 2 HF/6m

- Voice Keyer
- 101 Alphanumeric Memories
- RIT/XIT
- Noise Blanker
- <u>Multi-function Analog Meter</u>
- Realtime Spectrum Display
- <u>Twin Digital PBT</u>
- Voice Recorder
- SSB/CW Synchronous Tuning
- CW Pitch
- Clock with Timer

- Built-in Auto Antenna Tuner
- TCXO Built In
- 100 Watt Output 100% Duty Cycle
- Built in RTTY Demod
- DSP Notch
- 1 Hz Readout
- Memory Keyer
- RF Attenuator 6/12/18 dB
- Automatic Notch
- Triple Band Stack Registers
- Dual Watch

Asking Price: \$650.00

Linda Bowman – KB9YAO email: kb9yao@yahoo.com Phone: 260-228-9386

Amateur Radio Equipment For Sale



Kenwood TS2000 hf/6m/2m/70cm

- IF DSP Main Band
- AF DSP Sub Band
- HF by V/U, V by V
- U by U and V by U
- PCT Packet Cluster Tuning
- Transverter Frequency Display
- IF Auto Notch
- 5+1 Antenna Ports
- Keypad

- Built-in TNC (1200/9600)
- Built-in Auto Tuner 1.9-54 MHz
- Built-in keyer with 3 Memories
- High Stability TCXO
- <u>RC-2000</u> Optional Mobile Controller
- Backlit Front Panel
- 300 Memories (290 Alpha)
- Variable IF AGC (20 step)
- <u>RIT/XIT</u>

Asking Price: \$800.00

Linda Bowman – KB9YAO email: kb9yao@yahoo.com Phone: 260-228-9386





Yaesu FT-2400 with Wilson 5/8 Mobile Antenna

• 31 Memories

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- 50/25/5 Watts Output
 - Die-cast Heat sink
- Backlit DTMF Mic
- DTMF Calling
- CTCSS Built In
- Call Channels
- Scanning
- <u>Alphanumeric Display</u>
- MIL-810D Rating

Asking Price: \$150.00 Each

Quantity: 2

Linda Bowman – KB9YAO email: kb9yao@yahoo.com Phone: 260-228-9386

Amateur Radio Equipment For Sale



Kenwood PS-30 Power Supply

The **Kenwood PS-30** power supply provides 13.8 VDC at 20 Amps intermittent or 15 Amps continuous. It features large heat sinks and automatic overload reset. The <u>rear panel</u> has a <u>input voltage select switch</u>, fuse holder and low amperage (5 Amp) terminals to operate accessories. Ripple voltage is less than 20 mW at 13.8 VDC 20 Amps. Input is 120/220 VAC 470W. 7.2 x 5.3 x 11.5 inches 19.6 lbs. (180x133x287mm 8.9 kg).

Asking Price: \$150.00

Linda Bowman – KB9YAO email: kb9yao@yahoo.com Phone: 260-228-9386

Amateur Radio Equipment For Sale



MFJ-4035MV Power Supply

Input Voltage:	110 VAC	
Output Voltage:	0-15 VDC Adjustable	
Output Current:	30 Amps continuous, 35 Amps Intermittent	
Output Regulation:	Less than 1%	
Ripple Voltage:	Less than 1mV	
Protection System:	Over Voltage protection	
Fuse:	5 Amp	
Dimensions:	9.5"W x 6.1"H x 9.7"D	
Weight:	19.2 Lbs	
	Five-Way binding post for HF/VHF radio	
Three different Output terminals:	Two Pairs of Quick connectors for low current accessories	
	Cigarette Lighter Socket for mobile accessories	

Asking Price: \$125.00

Linda Bowman – KB9YAO email: kb9yao@yahoo.com Phone: 260-228-9386 Amateur Radio Equipment For Sale



MFJ-812B SWR/Power Meter

The **MFJ-812 VHF SWR-Watt Meter** is designed for 144 and 220 MHz operation. It has two power ranges: 30 or 300 watts. It also reads relative field strength from 1 to 220 MHz. It has binding post for a field strength antenna (not supplied). 4 x 2.5 x 3 inches.

Asking Price: \$40.00

Linda Bowman – KB9YAO email: kb9yao@yahoo.com Phone: 260-228-9386

Amateur Radio Equipment For Sale



Daiwa Model CN-501 SWR/Power Meter

- Input / Output Connectors: Model CN-501V; SO-239
 - * Input / Output Connectors: Model CN-501VN; Type N
 - * Frequency range: 140-525MHz
 - * Forward Power: 20/200W
 - * Power Rating: 200W maximum (140-525MHz)
 - * Accuracy: Plus / minus 10 percent (at full scale)
 - * SWR Detection Sensitivity: 4W min
 - * Input / Output Impedance: 50 OHM
 - * Dimensions in inches: 5 W by 3 H by 4 D
 - * Weight: 11b. 8 oz.
 - * LED Lighted
 - * 2.5mm DC input jack

Asking Price: \$150.00 Each Quantity: 3

Linda Bowman – KB9YAO email: kb9yao@yahoo.com Phone: 260-228-9386 Amateur Radio Equipment For Sale



MFJ-4726 Antenna Switch

Select one of six antennas and one of six transceivers in any combination with just two easy-to-use rotary switches.

Plug in antenna tuner, SWR/Wattmeter or other into its common ports, so it is always connected to the antenna and radio selected.

All unused inputs are grounded. When rotary switches are in OFF position, all inputs are grounded or control is transferred to MFJ-4726RC, \$59.95, remote control.

Automatically grounds all inputs when you turn off transceiver.

Lightning surge protector protects transceivers and shunts surges to ground.

Does not protect against a direct lightning hit.

SO-239s. 1500 Watts into 50-75 Ohm load 1-60 MHz. Useable to 150 MHz.

Use CAT 5 cable for remote control, not included. Use 12 VDC or 110 VAC with MFJ-1312D, \$14.95. For indoors, not weather protected. 8Wx5Hx41/4D inches.

Asking Price: \$140.00 Each

Linda Bowman – KB9YAO email: kb9yao@yahoo.com Phone: 260-228-9386





Hygain Ham 4 Rotor with Control Box

Wind Load Rating (Inside Tower): 15 sq. ft.

Rotator Effective Moment (Inside Tower): 2,800 ft.-lbs. Directional Display Type: Analog meter Rotator Mount Type: Tower Rotator Brake Power: 5,000 in.-lbs. Control Cable: 8-conductor Console Height: 4.300 in. Console Weight: 6.60 lbs. Rotator Width: 8.000 in. Rotator Weight: 11.60 lbs. Rotator Turning Power: 800 in.-lbs.

Wind Load Rating (Mast Mounted): 7.5 sq. ft. Maximum Antenna Mast Diameter: 2.063 in. Rotator Brake Type: Wedge brake Rotator Bearing Type: Dual race, 98 bearings Console Width: 8.500 in. Console Depth: 9.000 in. Rotator Height: 13.500 in. Rotator Diameter: 7.250 in. Console Input Voltage: 120 Vac

Asking Price: \$450.00 Each

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