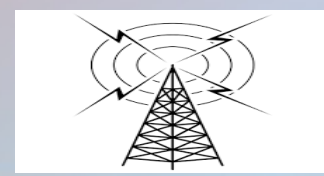


OFF THE AIR



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

2022 Officers

President – Mitch Miller - W9DDX
mitchmiller55@gmail.com
Vice President – Scott Oyer - K6SJO
Soyer38301@gmail.com
Secretary – L. B. Nickerson – K9NQW
k9nqw@yahoo.com
Treasurer – Bob McFarland - KC0KIR
profbob9949@gmail.com
Trustee – Kevin McNeely – KB9CRA
kb9cra@indy.rr.com

Newsletter Editor

L. B. Nickerson – K9NQW
k9nqw@yahoo.com
<http://www.grantarc.org>
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

Hello everyone.

Well summers just about over. There is a good thing about this, we now have a new home at the EMA building on Garthwaite Road. It's nice and we are hoping to have classes out there for Technician License so we can get some more people licensed.

Come see us. We are hopeful that we will be able to move the EOC out there too.

The FlyIn/CruiseIn at the Marion Airport is coming up this weekend - Sept. 3rd. Hope to see you out there and support our club.

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



Notes from the Editor

I want to remind all members that this Saturday (Sept 3rd) the Grant County Amateur Radio Club is having a Special Event Station at the FlyIn/CruiseIn at the Marion Airport. We need volunteers for setting up antennas and a few other items on Friday Sept 2nd. We will be meeting at the airport at 5:00 pm. Then on Saturday Sept 3rd we will be operating from 8:00 AM to 3:00 PM. Come out and join the fun and do a little operating.

The Grant County Amateur Radio Club again this year is supporting the Swayzee 5K run in Swayzee. We need a few more volunteers for this event. The event takes place September 10th from 7:00 AM till 10:00 AM. Our job will be supporting the run as communicators. We need people set up along the route to report any problems that might take place during the run. If you are available to help please contact Ed Brown at n9gtl@gmail.com or Nick at k9nqw@yahoo.com.

As most people know I work several events during the summer. These events include marathons and bicycle rides. A lot of times we use simplex frequencies as a backup in case the repeater should have problems or simply goes off the air. I have found that by programming these frequencies into my radios I don't have to worry about trying to program them when the need arises. Below on the next page is a list of Common VHF/UHF Simplex Frequencies.





**SPECIAL
EVENT**



ARRL
The national association for
AMATEUR RADIO

*Fly-In/Cruise-In Special Event
September 3, 2022*

The Grant County Amateur Radio Club is having Special Event station
at the Marion Municipal Airport

Hours of Operation: 8:00 AM EDT (1200 UTC) to 3:00 PM EDT (1900Z)

Frequencies we will be on:

- 3.850, 7.250, and 14.250 MHz
- Crossroads DMR – Talk Group 31656 and 3100
- D-Star Reflector 24B
- Local 2 Meter Frequency – 146.790- PL 141.3

Come join the fun or Check in on one of the above Frequencies.



WEBSITE: <https://www.grantarc.org>
Email: grantcountyamateurradioclub@gmail.com



Grant County Emergency Management Agency

302 So. Washington St
Marion, IN. 46953
Office: 765-651-2410
Fax: 765-668-4228



Grant County EMA Field Support Team
Indiana Department of Homeland Security
Community Emergency Response Team

Grant County Emergency Management is looking for Volunteers to serve on the Field Support Team of Grant County EMA/DHS

Some of the services the Field Support Team provide are.

- Assisting first responders at emergency incidents in Grant County.
- Providing Traffic control for utility and road work.
- Severe weather spotter training.
- Damage assessment after severe weather.
- Assisting at community events to keep the public safe.
- Provide mutual aid to surrounding counties when requested.
- Support the Emergency Operations Center when activated.

If you are looking for a way to give back to the community and have a desire to help keep people safe this could be an opportunity for you.

Grant County EMA is a division of Indiana Department of Homeland Security and is responsible for preparing the community for any natural or manmade disaster. There are many opportunities for individuals with different abilities and experience to assist with the stated goals of EMA/DHS in Grant County. Training and equipment will be provided to you for this important task and opportunity to help the community.

Please Contact the Grant County EMA office at 765-651-2410 or email Director Bob Jackson at bjackson@grantcounty.net if you are interested in applying for a position with Grant County EMA/DHS.

Robert W. Jackson
Director, Grant County EMA/DHS

Grant County EMA/DHS – “Training to Serve – Serving to Protect”

Common VHF/UHF FM Simplex Frequencies

2-Meter Band	1.25-Meter Band
146.520*	223.420
146.535	223.440
146.550	223.460
146.565	223.480
146.580	223.480
146.595	223.500*
147.420	223.520
147.435	70-cm Band
147.465	446.000*
147.480	33-cm Band
147.495	906.500*
147.510	23-cm Band
147.525	1294.000
147.540	1294.025
147.555	1294.500*
147.570	Every 25kHz to 1295
147.585	* National Simplex Frequency

Note that the “National Simplex Frequencies” in Red are also known as the Calling Frequency. Monitor it often and make your calls there but move to another simplex frequency if possible to keep it open for use by other wishing to make simplex contacts.

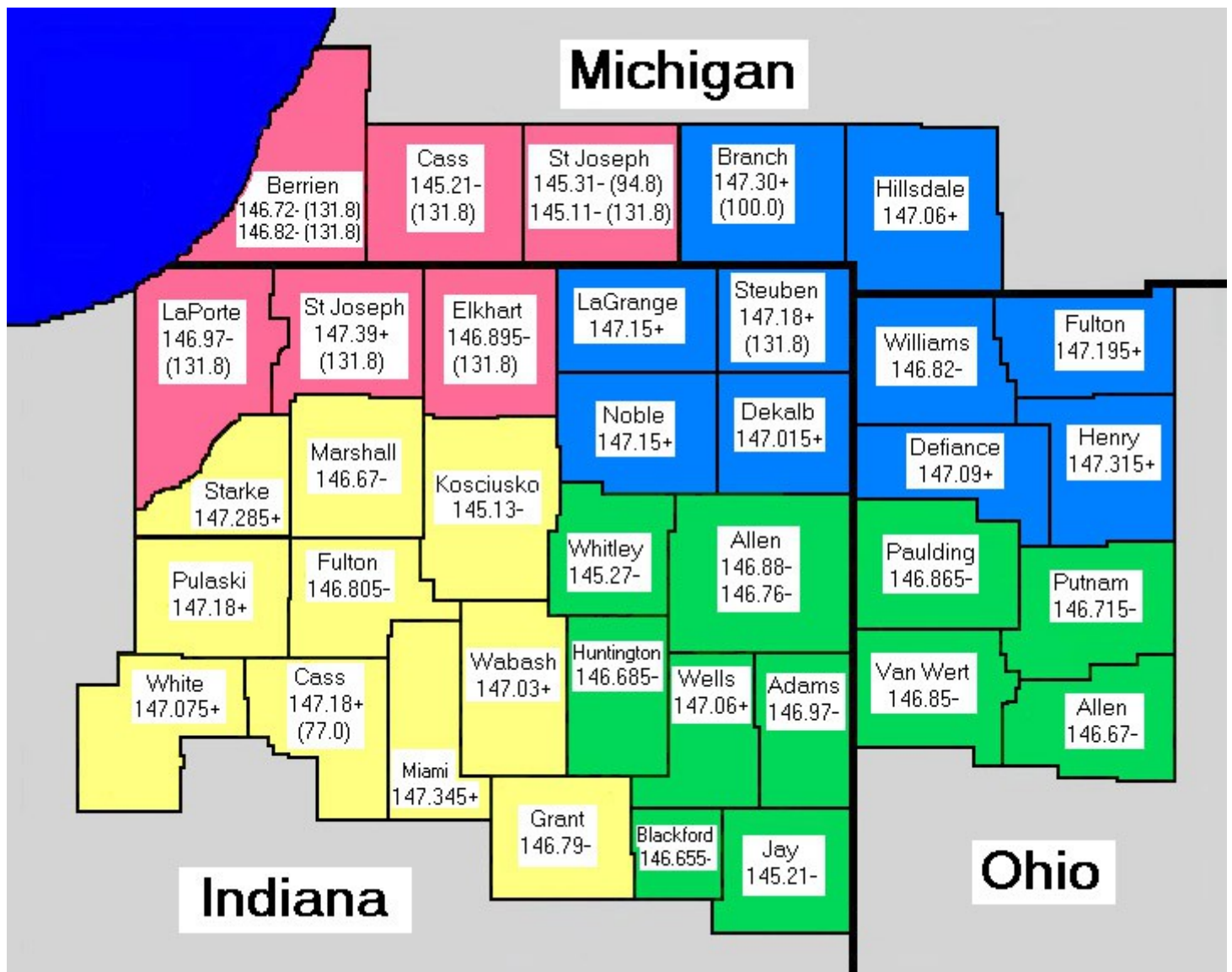
On the next page you will find the Skywarn Frequencies for
Northern Indiana Weather Service.

Skywarn Frequencies for the Northern Indiana Weather Service

The National Weather Service office at North Webster, Indiana is responsible for issuing warnings for 37 counties in three states.

The map below shows the primary frequency and backup frequency (if applicable) for each county. PL tones are in parenthesis.

Click on the map below for a full size view of it. The color codes show district organization that is no longer in use with each county reporting directly to North Webster



September 2022

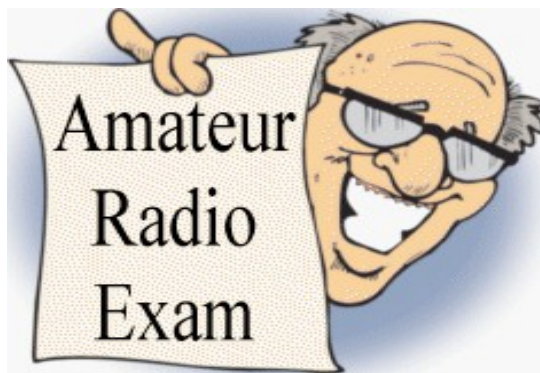
Grant County Amateur Radio Club

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
				1	2	3
				Indiana D-Star Weekly Net 8 PM Net Control K9NQW	Setup for FlyIn/CruiseIn at Marion Airport 5PM	Special Events FlyIn/CruiseIn 7:00 AM to 3:00 PM Marion Airport
4	5	6	7	8	9	10
2 meter weekly net 8:30 PM Net Control KC9RAX	DMR Weekly Net 8 PM Net Control KC9OYW			Indiana D-Star Weekly Net 8 PM Net Control K9NQW		Swayzee 5K Run Monthly Breakfast Meeting 8:30AM Kammy's Kafe Monthly Siren Test 11:45 AM
11	12	13	14	15	16	17
2 meter weekly net 8:30 PM Net Control K9NQW	DMR Weekly Net 8 PM Net Control KC9OYW			Indiana D-Star Weekly Net 8 PM Net Control KA9OPL		
18	19	20	21	22	23	24
2 meter weekly net 8:30 PM Net Control K9NQW	DMR Weekly Net 8 PM Net Control K9NQW			Indiana D-Star Weekly Net 8 PM Net Control KA9OPL		
25	26	27	28	29	30	
2 meter weekly net 8:30 PM Net Control K9NQW	DMR Weekly Net 8 PM Net Control K9NQW	Testing at 5:00 PM GCARC Meeting 6:30 PM EMA – 3921 S Garthwaite Rd, Gas City		Indiana D-Star Weekly Net 8 PM Net Control K9NQW		

NOTE: FlyIn/CruiseIn setup is Friday the 2nd at 5:00 PM. Need volunteers to help setup antennas and other equipment. We will be operating from 8:00 AM to 3:00 PM Saturday the 3rd. Come join the fun and do a little operating.

NOTE: Looking for a few more volunteers for the Swayzee 5K Run Saturday September 10th in Swayzee. For more information contact Nick – K9NQW at k9nqw@yahoo.com

NOTE: Meeting place has been moved from 9th Street Cafe to the EMA Office at 3921 S Garthwaite Rd, Gas City, IN



09/05/22

Sponsor: Whitley County ARC
Time: 9:00 AM (**No Walk-ins Allowed**)
Contact: Roger L. McEntarfer
(260) 503-9008
Email: n9qcl@arrl.net
VEC: W5YI VEC
Location: **On Line**
717 E 400 N
Columbia City, IN 46725-8612
Register or Call Ahead

09/10/2022

Sponsor: Wells County Radio Club
Time: 9:00 AM (**Walk-ins Allowed**)
Contact: Rick Allen Velasquez
(765) 348-9322
Email: ab9hp@yahoo.com
VEC: ARRL/VEC
Location: Annex Building
223 West Washington Street
Bluffton IN 46714-1996

09/10/2022

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

09/17/2022

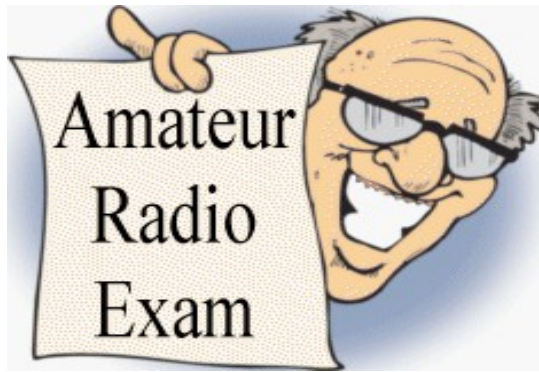
Sponsor: Hancock County ARC
Time: 10:30 AM (**Walk-ins Allowed**)
Contact: David Kelsner
(317) 440-8486
Email: kc9urp@hrtc.net
VEC: ARRL/VEC
Location: Hancock EMA EOC
640 South Franklin Street
Greenfield, IN 46140-9654

09/19/2022

Sponsor: Whitley County ARC
Time: 8:00 PM (**No Walk-ins Allowed**)
Contact: Roger L. McEntarfer
(260) 503-9008
Email: n9qcl@arrl.net
VEC: W5YI VEC
Location: **On Line**
717 E 400 N
Columbia City, IN 46725-8612
Register or Call Ahead

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





09/20/22

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 Street
Anderson, IN 46016-2238

09/26/2022

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 46501-9519

09/27/22

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

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





**IF \$ CAN'T BUY
HAPPINESS,
THEN EXPLAIN HAMFESTS**

Mound Amateur Radio Assoc. Swap Meet

Start Date: 09/17/2022

End Date: 09/17/2022

Location: Mound Park

900 Mound Road

Miamisburg, OH 46342

Website: <http://W8DDY.org>

Sponsor: MARA

Type: ARRL Hamfest

Talk-IN: 147.195

Public Contact: Harry Jack, KM8N

9954 Chautauqua Road

Miamisburg, OH 45342

Phone: (937) 212-9838

Email: triton48@woh.rr.com

Adrian Hamfest

Start Date: 09/18/2022

End Date: 09/18/2022

Location: Lenawee County Airport

2651 W Cadmus Road

Adrian, MI 49221

Website: <http://w8tqe.com>

Sponsor: Adrian Amateur Radio Club

Type: ARRL Hamfest

Public Contact: Mark Hinkleman, NU8Z

108 E Kilbuck Street

Tecumseh, MI 49286

Phone: (517) 423-5906

Email: cqnu8z@comcast.net



ARRL
The national association for
AMATEUR RADIO





Contesting



September 2022

Date: 10-12
17-18
17-18

September VHF
10 GHz & Up – Round 2
EME – 2.3 GHz & Up

ARRL.org webpage

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

Special Event Stations

<u>Date</u>	<u>Name of Special Event</u>	<u>Webpage</u>
08/28 to 09/09	Auburn Cod Duesenberg Festival	w9ou.org
09/02 to 09/03	200 th Great Geauga County Fair	www.geaugaara.org
09/03 to 09/05	Celebrate the 100 th Anniversary of KYW Broadcast https://www.metrodxclub.com/2022-special-event	
09/03	FlyIn/CruiseIn	https://www.grantarc.org
09/16 to 09/18	Ham Radio Action Camp https://www.indianaag.org/ministries/royal-rangers	
07/05 to 07/09	Whiskey Rebellion	www.wa3com.com
09/24	Volcano Days Parkerburg WV	w8par.org

More info on these Special Events Stations go to: http://www.arrl.org/special_events/



Grant County Amateur Radio Club

Membership Application 2022

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:

Grant County Amateur Radio Club
P O Box 1786
Marion, IN 46952

Name: _____

Call Sign: _____

Address: _____
Street Address or Post Office Box

_____ Street Address Line 2

City: _____ State: _____ ZipCode: _____

Phone Number: (____) _____

Email: _____

Current ARRL Member? Yes _____ No _____

Dues:

- Full Annual Membership: \$20.00 per person.
- 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 ½ 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 separate 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:

Example: Ham radio gear and computer items.

2. Ads must be submitted by the 15th of the month for the following month.

Example: For the January Newsletter must be submitted by December 15th.

Items must include the following:

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

You can send your ad to k9nqw@yahoo.net

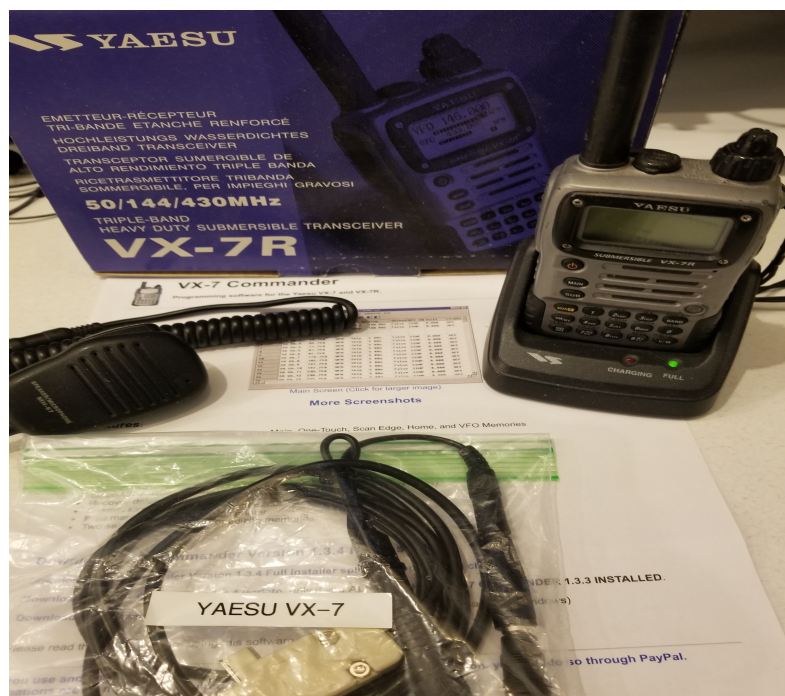
Yaesu vx-7r

Tri Band, 50/144/440 MHz

- I have original box
- Radio
- Battery
- Charging base and wall wart
- Speaker mic
- Programming cable for software that is available online
- Operating Manual

Everything works as it should

Ebay pricing ranges from \$299=\$330



Asking \$150

Ed – N9GTL 765-661-1067

Ham Radio Trader

CS-700

- Includes existing code plug for local area (Grant County, IN)
- Extra battery
- Speaker mic
- Programming cable
- Charger base with wall wart

Software is available from connectsystems.com

Works as it should



Asking \$85

Ed – N9GTL 765-661-1067

Amateur Radio Equipment For Sale

Mike Kasrich – AJ9C

aj9c@indy.rr.com

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 aj9c@indy.rr.com. Prices are listed below the pictures.



Remote Antenna Tuner

I purchased this to make a remote antenna tuner. There is a vacuum variable capacitor with a motor and a ribbon inductor with the motor. The unit is complete. **Asking Price: \$125.00**



Remote Antenna Tuner Picture 2



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



SCI-6 Sound Card Interface Kit
Interface kit to use with your radio to get on FT8,
PSK31, Rtty, WSJT.
Free: Contact me if interested

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

Amateur Radio Equipment For Sale
Mike Kasrich – AJ9C aj9c@indy.rr.com



Acom 2000A Auto Tune Amplifier

- Covers 160 – 10 Meters
- Older style controller
- Tubes have been replaced
- Works fine and is in service

Asking Price: \$3500.00 (2 x 4CX800 tubes)



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



Various crystals for add on bands for the Drake 4 Lines.

Have the following Crystals:

- 160m (2)
- 30m
- 17m (2)
- 15Mhz
- 27 -27.5 Mhz
- 27.5 – 28 Mhz
- 28 -28.5 Mhz

Asking Price: \$25.00 each

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

Amateur Radio Equipment For Sale
Mike Kasrich – AJ9C aj9c@indy.rr.com



Drake MS-4 Speaker

Asking Price: \$60.00

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

I have a 6m dipole available is someone would like it they can come by and pick it up.

I also have some RC antennas built to plans in QST. I think I have 4 of them and phasing cables. They are free for pick up. I have the QST article from QST regarding the construction. I used one of them during the Heard Island Expedition for 160m. It did work in improving RX.

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: 130-173.99 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

Diamond NR72B Dual Band Antenna

The Diamond NR72BNMO is a 2 meter and 440 MHz (70cm) mobile antenna. It is a $\frac{1}{4}$ wave on 2 meters providing 2.15 dBi gain and a $\frac{1}{2}$ wave on 440 providing 2.15 dBi gain. This Antenna can handle up to 100 watts.

- VSWR is less than 1.5:1
- Side mount only, will not work on center vehicle mounting.
- Grounding required
- Well built, looks a bit like a cellular antenna

Remarks: Not recommended for use with magnet mount.



Asking Price: \$75.00

Contact Nick – K9NQW at k9nqw@yahoo.com
or
grantcountyamateurradioclub@gmail.com

Amateur Radio Equipment For Sale

Kevin McNelly – KB9CRA kb9cra@outlook.com

Complete ICOM 440 D-Star Repeater System



Comes with the following:

- ICOM ID-RP2C Repeater Controller
- ICOM ID-RP400V UHF 440 Repeater
 - 3 CD Software Disc
 - Power cord
- Power Cable for Controller to Repeater

Asking Price: \$600.00

Contact Kevin at kb9cra@outlook.com