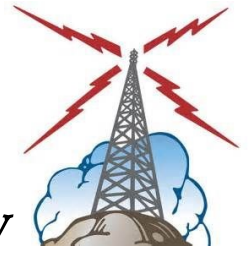




SLATS

St. Louis Amateur Television Society



APRIL 2023 | ISSUE NO. 4

IN THIS ISSUE

ON THE NEWS FRONT.....01

CHECK YOUR ELEVATION.....01

WØATN NEWS FRONT..... 02

ANALOG AUDIO FROM YOUR HIDE'S DIGI-
TAL RECEIVER?.....03

HIGH QUALITY ANTENNAS.....04

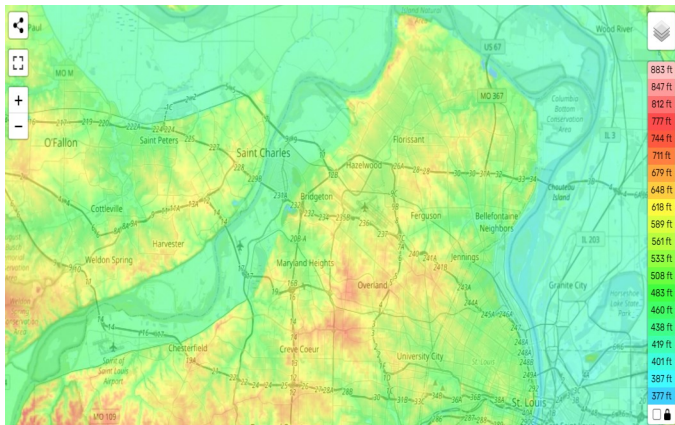
ITEMS FOR SALE OR TRADE.....05

HAM RADIO QUICK LINKS.....05

ON THE NEWS FRONT



CHECK YOUR ELEVATION AT YOUR SHACK



<https://en-us.topographic-map.com/map-5zqdn/Hazelwood/>



World Amateur Radio Day is 18th April. This year a special event is planned for two weeks around that date with IARU member stations active. The Human Society for All campaign (HS4A), a global campaign of the World Academy of Art and Science and the UN Trust Fund for Human Security is partnering with the IARU to bring attention to the seven dimensions of Human Security and the role Amateur Radio can play to elevate Human Security for all. **Let's celebrate too by getting on ATV this day starting around 10:AM. See you on the WØATN repeater!** For more information go to: <http://www.arrrl.org/world-amateur-radio-day>

WØATN NEWS FRONT

POWER SUPPLY BARGIN

Newark has DC power supply on sale for half price. Made by Tenma. Same brand that I have been using for long time with my ATV station builds. This one is smaller and the manual says it is good for 15Amp continuous so should be good for ATV 10w amplifier's ~8amps. It's a switcher as are the others I continue to use on ATV with no noise or harmonic problems. I used my electronic load (PS tester) and set it for 14 amps at 13.6. This is about 190w. I had it under this load about ten minutes. Supply has a small fan in rear and it came on about 5 minutes into the test. It shut down in about 4 minutes completely after removing the load.

There were 37 of them in stock when I looked this evening. It can be found here: <https://www.newark.com/tenma/72-8110/power-supply-1ch-13-8v-15a-fixed/dp/42M1293> Price is \$56

Newark Part No.	Qty Ordered	Mftr. Part No	Your Part No	Manufacturer / Description
42M1293	2	72-8110		TENMA 72-8110 Bench Power Supply, Single, Adjustable, Fixed, 1 Output, 13.3 V, 14.5 V, 15 A



“Analog” audio from your HiDes Digital Receiver?

de Mel, KØPFX

IN a recent QSO with Armand KDØPXF and John WØNZG, the CVBS-Composite Video Blanking and Sync (AV-OUT) connector on the rear of your HI DES receiver was topic for a discussion. From the Quick Start Guide (QSG), John read that “Both HDMI and AV-OUT (audio) output are supported simultaneously, but the mechanical design allows only one to be connected. “ The mechanical restriction is correct, but only for the HV -110 design. Hides fixed this problem in the later HV-120 models. Armand pointed out that the AV -OUT connector would also provide audio *with* the HDMI audio. I wasn’t sure if both audio sources would be available at same time. So, I used the AV cable shipped with my HV-120 receiver and connected the L (white) and R (red) RCA connectors to my amplified JBL speaker. *Note: Depending on the speaker(s) connected, a standard stereo 1/8th inch TRS (tip-ring-sleeve) plug into the AV-OUT’s TRSS (tip-ring-ring-sleeve) socket may be used. For this audio-only application, the second “ring” connection on the AV-OUT is Video out and its signal is OFF. Avoid using a mono TS plug!*

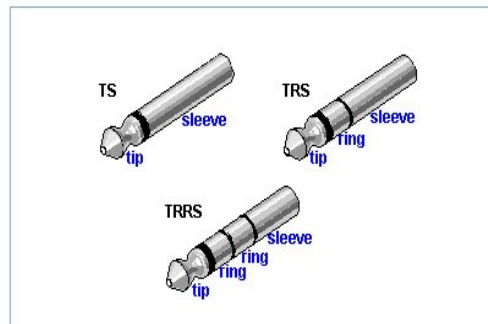
I then got on the air and received video with sound and Bam! The audio was available at the same time with the embedded HDMI’s audio. Voices sounded very good! Level was adjusted using the remote. So, why would you want to do this when HDMI sound is available? With an external “high fidelity” powered speaker, you should find the audio sounds much better than from your laptop’s speakers or from those internal tinny speakers in most TV sets. In the past, I have experienced loss of sync for the audio even when the video did not. This “analog” connection might avoid that problem. Or maybe you will find another use for having a second audio output available. Either way, it’s a handy audio source to have.



Use the cable shipped with your receiver



AV-OUT cable to 1/8th plug for JBL Speaker



TRS standard stereo, TRRS used for stereo plus



JBL speaker enhanced everyone’s voices!



This ham builds a high-quality antenna(s). Check the description of the wire he uses. Sound familiar? 😊 Note how he uses a (? Can't think of the name of it) crimp piece to securely hold the wire to the insulators, then solders and covers it with adhesive lined heat shrink tubing to protect the joint over time. FB!

Mel

<https://www.ni4l.com/>

Featured Products



ZS6BKW / G5RV
Optimized Multi Band HF
Dipole Antenna Poly-
Stealth

Ni4L

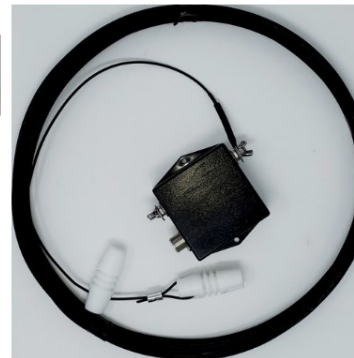
\$149.98



HF Choke Line Isolator
1.8-300 MHz

Ni4L

\$44.99



Portable End-Fed 160-10
Meters Dipole Antenna
1KW

Ni4L Antennas & Electronics

\$99.98



Portable End-Fed / 80-6
Meters/ Dipole Antenna/
300 watts

Ni4L

\$79.98



ITEMS FOR SALE OR GIVE

Assorted Test Equipment
I want to: Sell an item
Name Sam Green
Call Sign WØPCE
WØPCE
Email w0pce@arrl.net
Brief Description of item Baseband variable attenuators and microwave couplers and test equipment Details, price, condition, etc. Weinschel continuously variable attenuator 907a-20-6 \$50 https://www.surplussales.com/RF/RFAatten-5.html Weinschel continuously variable attenuator 940-60-11 \$50 https://www.bmisurplus.com/product/weinschel-940-60-11-attenuator/ Weinschel stepwise variable attenuator AE9003-69-11 \$100 https://tinyurl.com/29jnstyx Narda 4203-6 directional coupler \$50 https://www.ebay.com/itm/254390556386 Narda 4456-2 power divider \$50 https://www.ebay.com/itm/313055962841?epid=1901900574&hash=item48e396e6d9:g:-EUAAOSwXjxemHbS

[Laboratory Grade Test Equipment for Sale - List](#) [Download](#)



Ham Radio Quick Links:

[Amateur Television Network](https://www.atn-tv.com/)

<https://www.atn-tv.com/>

[ATN Repeater video streaming](https://www.atn-tv.com/events/streaming)

<https://www.atn-tv.com/events/streaming>

[ATN on YouTube](https://www.youtube.com/AmateurTelevisionNetwork)

<https://www.youtube.com/AmateurTelevisionNetwork>

[ATN on Whereby.com](https://whereby.com/atn1)

<https://whereby.com/atn1>

[TAPR - Tomorrow's Ham Radio](https://tapr.org)

<https://tapr.org>

[DIGITAL ATV](#)

[Digital Amateur Television D-ATV](https://www.dxzone.com/catalog/Operating_Modes/Digital_ATV/)

[https://www.dxzone.com/catalog/Operating_Modes/Digital ATV/](https://www.dxzone.com/catalog/Operating_Modes/Digital_ATV/)

[YouTube Videos](#)

[Dave Casler KEØOG - YouTube Videos](https://www.youtube.com/channel/UCaBtYooQdmNzq63eID8RaLQ)

<https://www.youtube.com/channel/UCaBtYooQdmNzq63eID8RaLQ>

[Solar Index & Propagation Made Easy](#)

[The SmokinApe](#)

<https://www.youtube.com/user/TheSmokinApe>