



Simi Settlers' Amateur Radio Club

Short Circuit

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The next **meeting** is at the
Simi Senior Center,
3900 Avenida Simi, Simi Valley.
Thursday June 8 at 7:00 PM.

The next Simi Settlers Pizza Night is at
Toppers, 2408 Erringer Road, Simi Valley.
Thursday June 1 at 6:00 PM.

DUES are PAYABLE at the June meeting!

Check or cash only, no bitcoin, krugerrands, or trade goods.

Board member nominations AND voting are to be held at the June Meeting.

ARRL Field Day is June 24 and 25 at the Ronald Reagan Library.

Contact Vern Potter W6NCT@arrl.net or Peter Heins N6ZE@aol.com

If you have not done a Field Day, at least stop by and see what goes on!

- The June presentation is from Orv W6BI, on the state of the Mesh Network.
- July will be APRS, from Eric KE6MLF.
- August is an update from Steve WA6EJO on his shack restoration after the Ventura fire.

June 2023

Nets of Interest

| Sunday | Monday | Tuesday | Wednesday | Thursday | Friday | Saturday |
|---|--|---|---|---------------------------------|--------|---|
| LSB Net 8pm 3.908 MHz SSARC 2 Meter Net* 8:30 pm SMRA-ERN Repeater 146.805 -0.6MHz PL100.0 or 445.580 -5.0MHz PL100.0 The Newbie net 7 pm, Bozo Repeater 147.885 (– 127.3) | Condor Connection 7pm (Plays Newslane) Frazier Mountain 224.720-1.6 MHz PL156.7 | LSB Net 8pm 3.908 MHz ACS Area 1 Simi Valley SMRA-ERN 7:05pm Repeater 146.805 -0.6MHz PL100.0 or 445.580 -5.0MHz PL100.0 ATN-CA Net 7:30pm http://atn-tv.org/netnic/ht.htm ACS Area 1 Simplex net, 6:45 PM on 145.510MHz | Channel Islands chapter 10-10 International 28.34 MHz at 10AM and 6PM Mesh VOIP Net* 8pm 2.4/5.8 GHz Mesh | LSB Net 8pm 3.908 MHz | | SSARC SSB HF Net 8:30am 7.240 (+ or - QRM/N) 40 meter CW-QRP 9am 7.032 MHz Quad Squad net 1PM on 21.365 MHz's |

Additional information on local nets can be found on the CVARC web site at:
<http://www.cvarc.org>

* For more information, see <http://www.pvarc.club/mesh/mesh-applications/>

Our repeaters are too quiet!

If you are sitting around evenings or on the weekend, turn on your radio and listen in.
 Sometimes there is local activity on 146.520, the simplex channel.

Here are our 8:30 PM Sunday night net controllers for the next few months:

| | |
|-------|--------------|
| May 7 | Ron K6RIN |
| 14 | Matt KN6SEC |
| 21 | Brian KM6MIN |
| 28 | Kevin KD6UTC |

| | |
|-------|--------------|
| Jun 4 | Ron K6RIN |
| 11 | Matt KN6SEC |
| 18 | Brian KM6MIN |
| 25 | Kevin KD6UTC |

June 2023

ACS/ARES Corner

Frank Valdez KI6OQ is the Area 1 Emergency Coordinator



We are always looking for ACS members that would like to become Net Controllers. You will receive hands-on training at the Simi Valley PD (where we normally conduct the Weekly Net). It is both fun and at times challenging. You will gain valuable experience in running a controlled Net as well as becoming more than just familiar with the equipment in the Radio Room at the PD. If you would like to volunteer for this, just message Frank Valdez at frankki6oq@gmail.com.

If anyone is interested in how to set up your own packet station, RMS Winlink station, or a Mesh Node, contact Frank, he will point you in the right direction.

Barry K6ZA wants to remind everybody that they have options to check in with something other than a 2 meter handheld. The **80 meter net is Tuesday nights at 18:30 (6:30 PM) on 3.987 MHz.**

The **Area 1** (Simi Valley) net occurs Tuesdays. Generally it is just a brief check in, but usually some news about upcoming events is passed on.

The simplex net is on 145.510 at **6:45 PM**. The regular net is on the 146.805 (-, PL100) repeater at **7:00 PM. Stop by and say Hi.** You do not have to do anything other than check in to test out your simplex or repeater connection.

NOTE: Please be advised that we hold the Tue. **countywide** net at 19:30 (7:30PM) on the Sulphur Mountain WD6EBY repeater 145.200, minus 600 KHz offset, CTCSS of 127.3. Until further notice, this will be our standard frequency for countywide communications.

Visit vccomm.org for more updates!

The Mountains to Beach Marathon was successful. Good practice with our equipment and a chance to meet our fellow amateur radio operators.

The computer at the Simi Valley hospital is reported to be back up and running. We still need to load a copy of the various scripts and documents AND install programs for packet, winlink, etc...

We are going to get new ACS cards. Check for an email from Bill Boyd, or send Frank a note if you did not receive one.

June 2023

Member Updates

Who? by Jim KJ6LXJ



Jim snapped this picture after our club president, Brian KM6MIN, received a haircut. Any and All comments are appreciated, and the best ones will be featured in next month's newsletter.

Send your critiques and comments to the editor at ericoberg1@gmail.com.

There were quite a few comments, but the only feedback that anybody was willing to put in writing was this:

"Brian's haircut is awesome!

Lisa

KK6AKR"

About sums it up, eh?

June 2023

Crap. Field Day arriving so soon? Eric KE6MLF

I like field day. A chance to play with radios throughout the day. I consume a few adult beverages and many doctor un-approved foods. It is also a great time to clean up, repair, maintain, and rearrange the shack. This year, what a mess. Where to start?



I am realizing I still have a problem. I keep thinking I need more and better storage solutions. I still refuse to accept that there is another reality, LESS stuff.

June 2023

And this from Ron, K6RIN

Simi Settlers is now a member of the Simi Valley Chamber of Commerce.



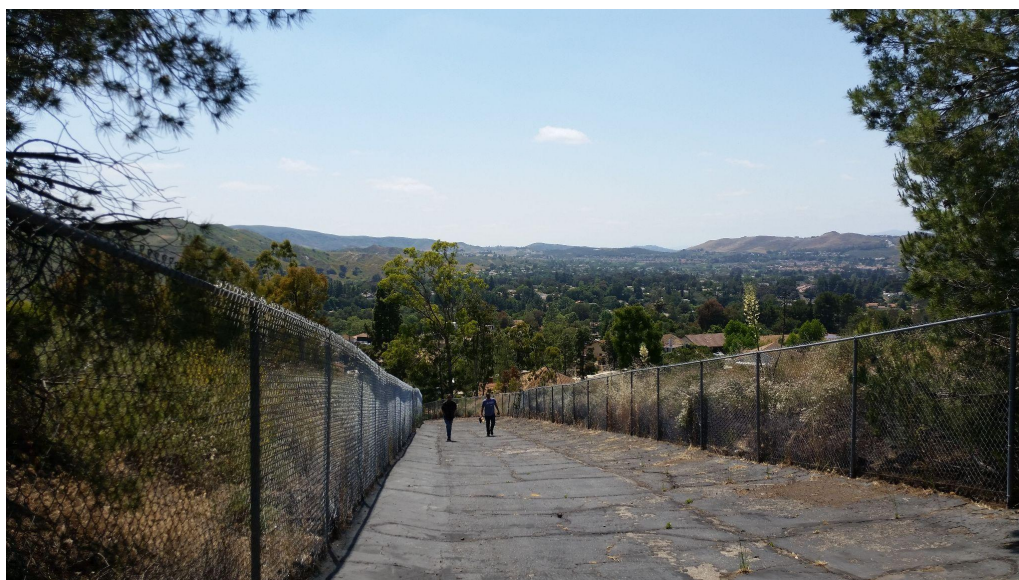
This is a great way to network and keep tabs on goings about here in Simi.

June 2023

Mellow Lane Work Party by Orv W6BI

On Saturday, May 27th a work party went to the Mellow Lane radio site. The work party consisted of Eric KE6MLF, Brian KM6MIN, Matthew KN6SEC, Glenn WA6GNB and Orv W6BI. The goal was to set up the PTZ (Pan-Tilt-Zoom) camera from the former Chatsworth Peak site, in order to reestablish good views of the hills on the southern side of Simi Valley.

Here is Brian and Matt walking up the service road. Was only supposed to be one picture, but they took a really LONG time to walk up. Took forever.





After Brian and Matt recovered, the existing two Ethernet cables that go around the water tank perimeter at the site were dug up and two more added. One was for the PTZ camera and the other as an in-ground spare. After the new cables were run, the four were re-buried.

The new cables were run into the building and terminated. An existing 5 port dumb network switch was replaced with an 8 port POE (Power Over Ethernet) switch to provide a port and power for the new camera.

After the camera cable was plugged into the new switch it powered up properly and we saw its first image:



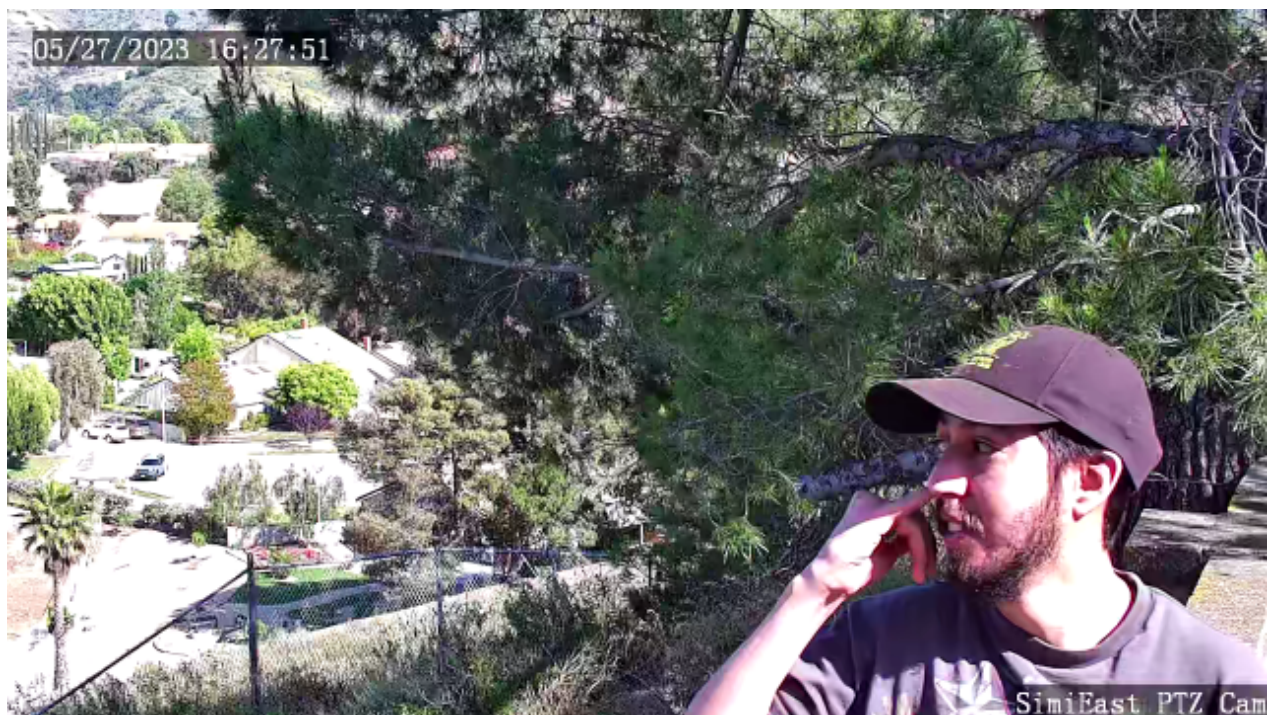
(Brian had to run around the back of the water tank, climb the brick wall, and scootch along the top to get close to the camera.)

June 2023

The camera is now able to show a substantial portion of the southern hills of Simi Valley. It could be useful come fire season.



The last image, our club president doing what he does best:



(Note - I don't create the news, I just report on it - ed.)

June 2023

Here is the motley crew hard at work while Orv is in the tiny shack futzing with cables and connections.

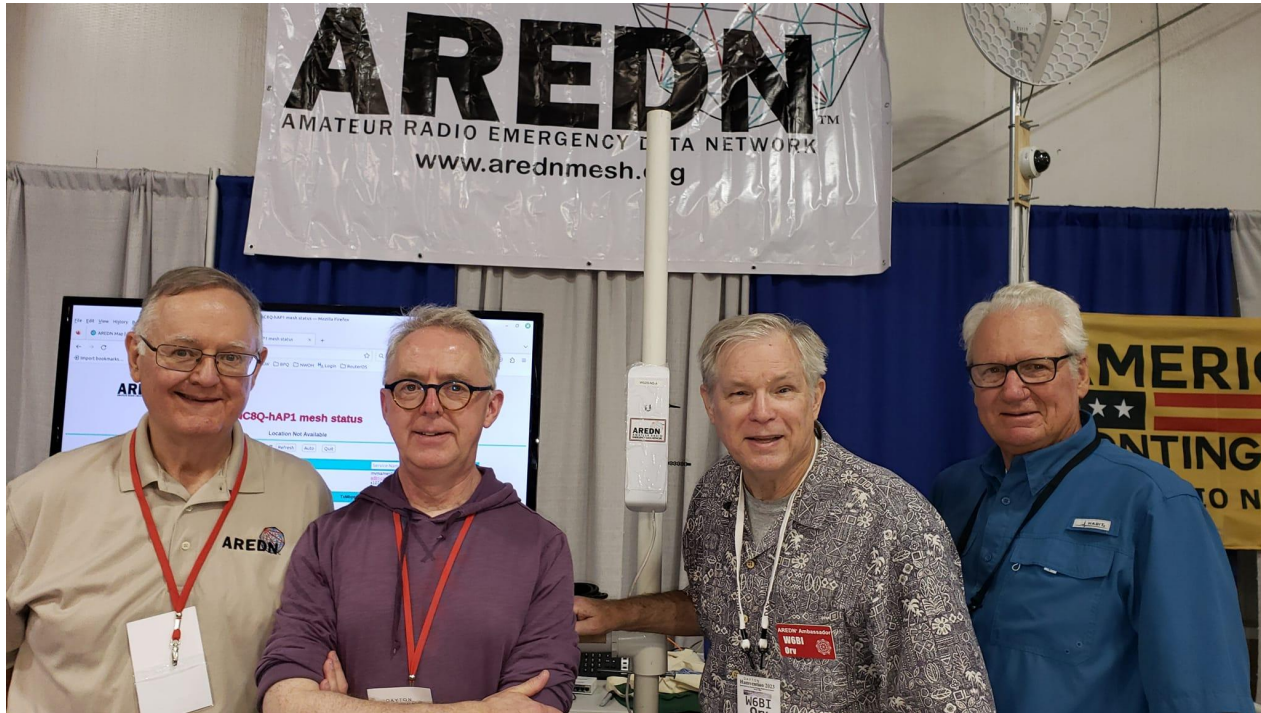


June 2023

Hamvention 2023 by Orv W6BI

I traveled to Kentucky and Ohio recently. The Kentucky part was to visit relatives. The Ohio part was to visit Hamvention. I had submitted a presentation proposal to the Hamvention forum staff several months ago and it was accepted, so I was pretty stoked!

As part of my visit there I volunteered to help man the AREDN (Amateur Radio Emergency Data Network) booth.



The booth was busy all day Saturday, and crazy busy at times. Friday was good, and Sunday half day was quiet. There was a ham with a motorhome in the convention parking area who found our AREDN network. He linked up to it and streamed video from a webcam on his motorhome for us. And he had Starlink on his motorhome and was nice enough to enable an Internet feed to us in the booth 😊

I gave my ReallyGreat (TM) AREDN presentation Saturday afternoon in Forum room 4, which was the smallest of the forum rooms. There were about 100 in the audience (and it was SRO 😊). Lots of good questions afterwards.

June 2023



Last year Hamvention had 32,000 visitors and I heard they expected this year to be larger. If you've never been, it's well worth visiting at least once.

June 2023

Radio update by Eric KE6MLF

One of our members from a few years back, Patrick WB6USZ, donated his unused radios to the club.



Here is one of the items, a Lafayette HA-230 shortwave receiver. The cover has a factory quality assurance sticker from 1965. Vacuumed dust, blew and brushed out more dust, wiggled the tubes in the sockets, inspected the wiring and components underneath. Everything looked good, no broken resistors, no puffy leaking capacitors.



June 2023

Powered it up - **Works!** Got kind of lost tuning around on all the various frequencies, lots of broadcasters still out there. Needs a bit of squirting with contact cleaner on all those potentiometers, but this can sit on a shelf providing background music and talk for another **58 years**. Needs a dust cover to keep it as clean as when Patrick had it.



June 2023

Yaesu SSB Transceiver by Joe W6JWP

Also from Patrick was this Yaesu FT-101. Joe W6JWP made an offer that was immediately accepted by our treasurer, Matt KN6SEC (really, once Matt got all this stuff TO the meeting, he was not going to take it back home, too heavy). Joe is busy cleaning and dusting after checking that it does receive. He ordered a new set of the larger power supply capacitors and will install them before trying out the transmit section.

The transceiver with matching speaker.

Thank you Patrick for keeping your radios in such clean condition.

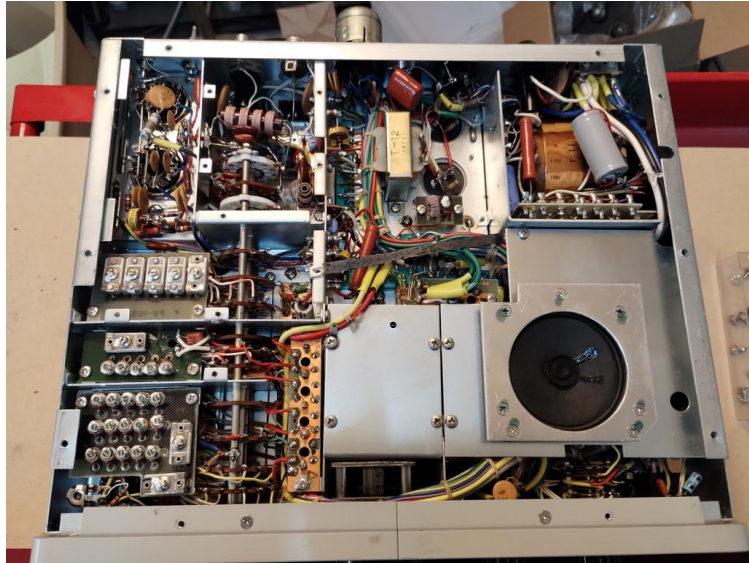


With the top cover off.
Only a bit of dust.

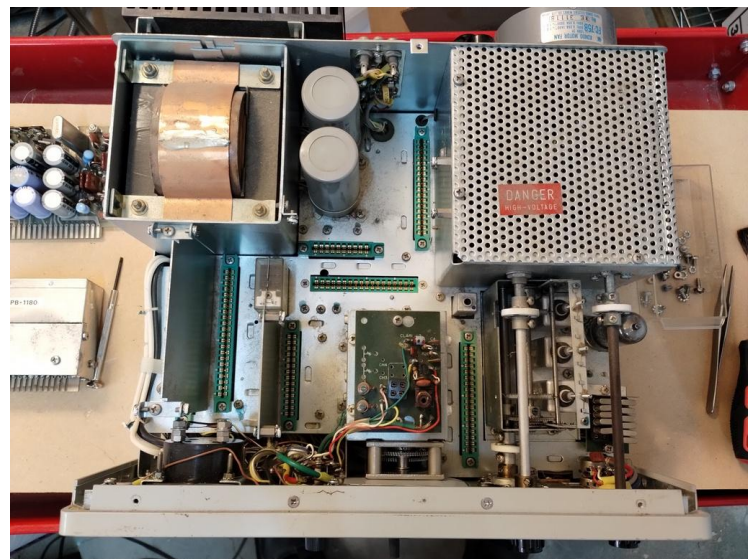


June 2023

Bottom of the unit.
Packed, but clean. How
come the internal
speaker is on the bottom
of the unit?



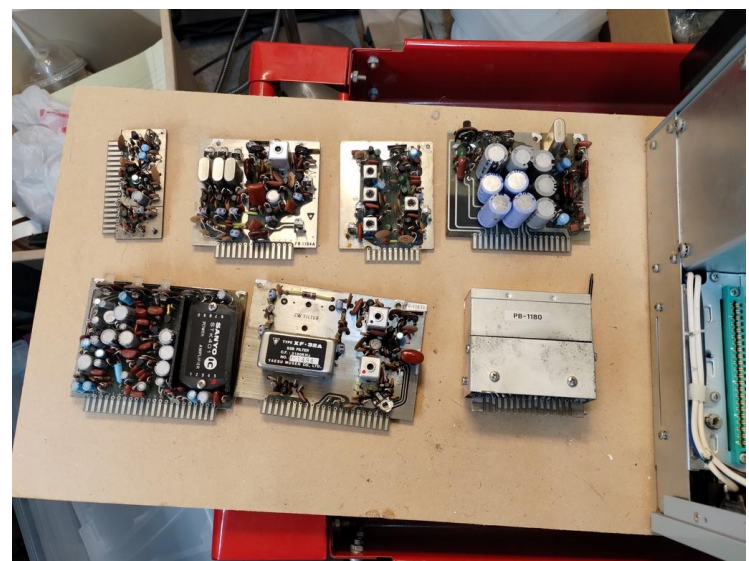
All the cards removed.
Gold fingers on the edge
connectors, but tin
plating on the cards.



All the cards. Get out the
eraser scrubber! All dirt,
corrosion, and oxidation
must be banished.

Anybody doing
electronics in the 80's
and 90's had a pink
pearl eraser or the
equivalent just for
cleaning contact fingers.

Stay tuned, we will wait
for an update as Joe
puts it all back together.



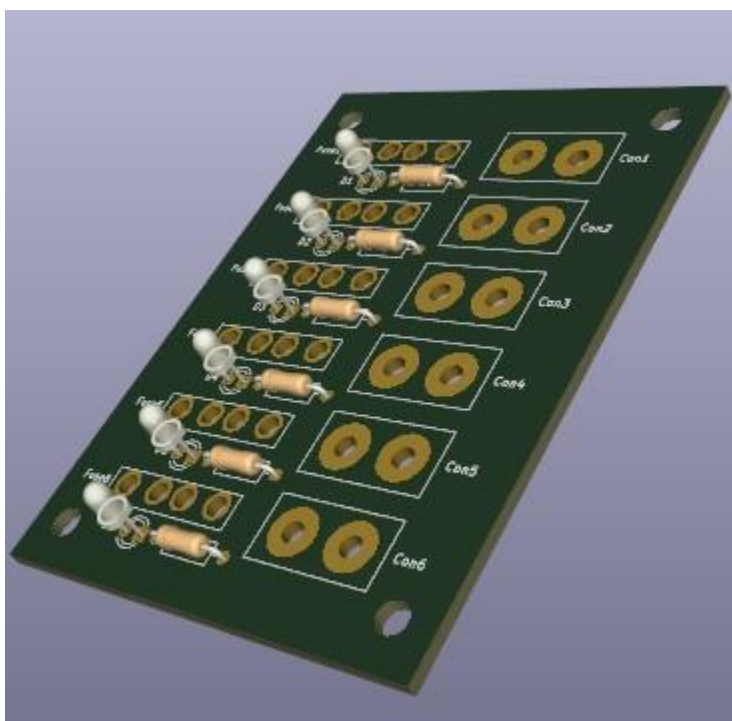
June 2023

Is there any RF out there? Eric KE6MLF

How is everybody doing with their Arduino RF Detector? Need help? Programming? Talk to me at the next few meetings.



Update: The 6 position Power Pole distribution block is arriving in a few days. Here is a 3D rendition of the board, I have not yet modeled the power pole connectors or the fuse holders.

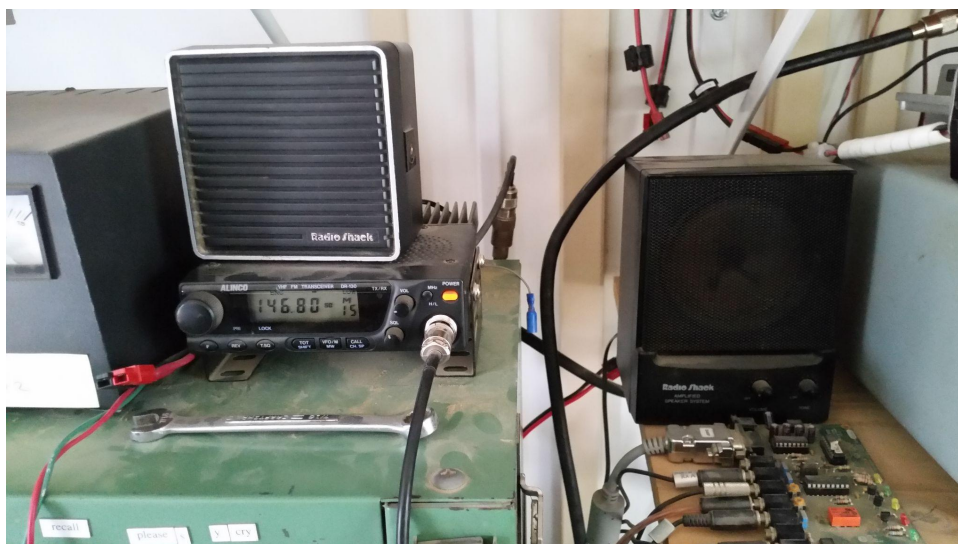


June 2023

Got any old PC speakers sitting around? I cut some audio cables with 1/8 inch plugs on them in half, and then solder them directly to the speaker. Bypass all that amplifier stuff and volume knobs. Makes the audio sound MUCH better than the tiny speaker hidden inside the radio. (I am not getting hard of hearing, I just am choosing to be more selective about what I hear. Ha!)



Here is a few of the speakers already sitting on the shelf next to the radios:



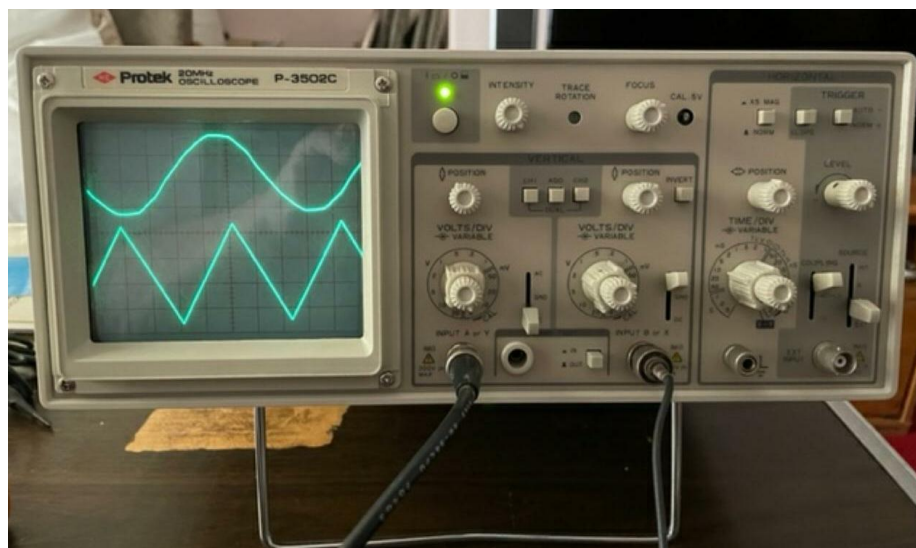
Did you notice? Actually got around to finding out how to eliminate the header on Google Docs. More page room for more exciting info!

June 2023

SSARC Marketplace

This section of the newsletter is for Simi Settler club members to post various used or previously owned items for sale that they may no longer have a need or use of. Please submit a brief description of the sale items (along with a photo if possible) and suggested price to Eric Oberg KE6MLF, the newsletter editor, at least two days before newsletter publication. It is suggested that a portion of each sale be donated to the SSARC treasury to help support the club's several activities. The term "OBO" means "Or Best Offer" and serves only as a starting point in negotiating a fair price.

PROTEK 3502C OSCILLOSCOPE



This dual channel oscilloscope ranges from DC to 20 MHz. Input impedance is 1 M Ω shunted with 20 pF. Vertical deflection ranges from 5 mV to 20 V/Div over 12 ranges. Time base ranges from 0.2 μ sec to 0.5 sec/DIV on 20 ranges. Channel inputs can be selected for either Channel A or Channel B separately, Channel A and B displayed together, or a display of Channel A signal summed with Channel B. X-Y operation can be selected as well to display various lissajous patterns as desired. Two scope probes are provided with the unit. Perfect for testing applications and/or general experimental use.

Condition: Excellent Price: \$25 or OBO. Contact Mike Tweedy KV6I (805-231-9683)

June 2023

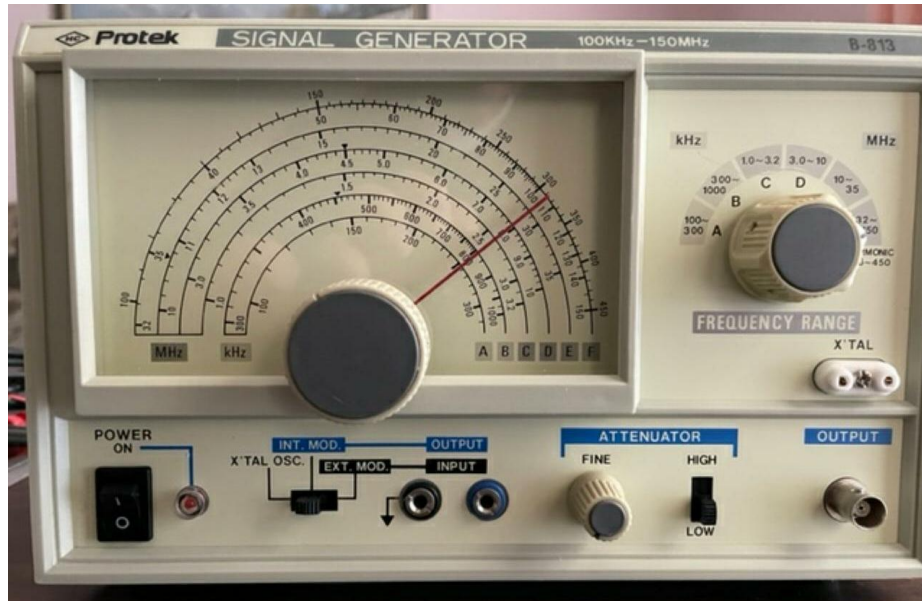
EICO 390 FUNCTION GENERATOR



This function generator can provide sine wave, triangular wave or square wave outputs with a frequency range of 0.2 Hz to 200 KHz selectable over 4 ranges. Output waveforms can be selected to perform a wide variety for testing of electronic equipment. Output up to 10 v p-p is provided which may be attenuated from 0 to -50 dB. This unit also provides a sweep generator which can provide linear or logarithmic sweep modes of up to 1000:1 sweep range with a choice of three different sweep speeds.

Condition: Excellent Price: \$15 or OBO. Contact Mike Tweedy KV6I (805-231-9683)

PROTEK B-813 SIGNAL GENERATOR



This signal generator provides an RF sine wave signal from 100 kHz to 150 MHz over 6 different frequency ranges. The output level can be adjusted from 30 mV to 250 mV RMS Max via the attenuator control. The unit also allows a 1 MHz to 15 MHz external crystal to be used for operation on a fixed frequency in lieu of VFO operation. Output is modulated at a 1 kHz signal at a 1V RMS level.

Condition: Excellent Price: \$15 or OBO. Contact Mike Tweedy KV6I (805-231-9683)

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RADIO SHACK 3-1/2 DIGIT DMM w/ PC INTERFACE



Radio Shack's Model 22-168A DMM is a top-of-the line portable test instrument ideally suited for use in the field, lab, shop and home. It is a multi-function instrument that covers 38 total ranges covering full scale measurements of voltage (200mV-1000 V), current (200 μ A - 20 A), resistance (200 ohms – 2000 M Ω), capacitance (200 pF – 200 μ F), frequency (2 kHz – 20 MHz), transistor gain (hFE) and diode polarity check. It also features a dual measurement mode where, for example, both the AC RMS voltage and frequency can be shown simultaneously on the meter LCD display. The unit also features auto-ranging capability and overload protection including an auto-shutoff feature to preserve battery life.

This unit can also double as portable data acquisition device incorporating a RS-232 serial interface that allows your computer to directly capture data through a standard computer COM port using the interface cable and software provided.

Condition: Excellent Price: \$10 or OBO. Contact Mike Tweedy KV6I (805-231-9683)

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Dennis, a Simi Valley resident, has a B&K 2120 oscilloscope for sale.

Dual trace, 30 MHz bandwidth. Price is listed at \$100. The scope is here in Simi. Here are the same items as listed on ebay for comparison:

https://www.ebay.com/sch/i.html?_from=R40&_trksid=p2380057.m570.11311&_nkw=bk+precision+2120&_sacat=0

Contact Dennis at dkruse789@yahoo.com



Simi Settlers' Amateur Radio Club Web Page: <http://www.simissettlers.org/index.htm>
 Simi Settlers' ARC Yahoo Group: <http://groups.yahoo.com/group/SimiSettlersARC>
 Mail: P.O. Box 2125 Simi Valley, CA 93062-2125

| Simi Settlers' Leadership | | | | |
|-----------------------------|-----------------|--------|---------------------|--------------------------|
| President | Brian Hernandez | KM6MIN | (805) 813-7595 cell | km6min_bh@yahoo.com |
| Vice President | VACANT | | | |
| Secretary | Ron Nelson | K6RIN | | rnelson759@sbcglobal.net |
| Treasurer | Matt Griffin | KN6SEC | | mgriffi79@yahoo.com |
| Committee Chairpersons | | | | |
| Webmaster | Matt Griffin | KN6SEC | (661) 361-5955 cell | mgriffi79@yahoo.com |
| Newsletter | Eric Oberg | KE6MLF | (805) 791-0745 cell | ericoberg1@gmail.com |
| Membership | Jim Parker | KJ6LXJ | (805) 368-6745 cell | kj6lxj@gmail.com |
| PIO | Linda Parker | | (805) 558-1731 cell | kj6lxj@gmail.com |
| Raffle Prizes | Matt Griffin | KN6SEC | (805) 433-4513 cell | mgriffi79@yahoo.com |
| Youth Coordinator | VACANT | | | |
| Historian | Mike Tweedy | KV6I | (805) 231-9683 cell | mtweedy@roadrunner.com |
| Net Coordinator | Brian Hernandez | KM6MIN | (805) 813-7595 cell | km6min_bh@yahoo.com |
| Food Services | Bill Everett | KI6KSV | | ki6ksv@gmail.com |
| Room Coordinator | Linda Parker | | (805) 558-1731 cell | kj6lxj@gmail.com |
| Elmers and Members at Large | | | | |
| Past-President | Bill Woods | AB6BW | (818) 694-9019 cell | AB6BW1@gmail.com |
| Advisor | Bill Everett | KI6KSV | | ki6ksv@gmail.com |
| Advisor | | | | |

June 2023

Simi Settlers Amateur Radio Club

P.O. Box 2125 Simi Valley, Ca 93062-2125 --- (www.simisetters.org)

Membership Application



Type of Application:

New Member ☐
Renewal ☐

Type of Membership:

Individual (\$25/yr) ☐
Family (\$30/yr) ☐

Name: _____ Day & Month of Birth: _____
(Omit year)

Call: _____ Class: _____ ARRL: Yes ☐ No ☐

Address: _____ City: _____ State: _____ Zip: _____

Phone: (____) _____ Alt. Phone: (____) _____

E-Mail Address: _____

Additional Family Members:

Name: _____ Day & Month of Birth: _____
(Omit year)

Call: _____ Class: _____ ARRL: Yes ☐ No ☐

Name: _____ Day & Month of Birth: _____
(Omit year)

Call: _____ Class: _____ ARRL: Yes ☐ No ☐

Name: _____ Day & Month of Birth: _____
(Omit year)

Call: _____ Class: _____ ARRL: Yes ☐ No ☐

Badges requested: Yes ☐ No ☐ How many? _____ X \$18.00 = \$ _____

Name (s) Call(s): _____

Shirt Printing: Yes ☐ No ☐ How many? _____ X \$25.00 = \$ _____

Name (s) Call(s): _____ (Self Supplied Polo Shirt, no emblem or pocket)

Hats Requested: Yes ☐ No ☐ How many? _____ X \$20.00 = \$ _____

Name (s) Call(s): _____

OFFICE USE ONLY

Application type: New ☐ Renewal ☐ Membership type: Individual ☐ Family ☐

Date Received: _____ Amount Received: _____ Database completed: _____

Badges and Shirts ordered: _____

June 2023