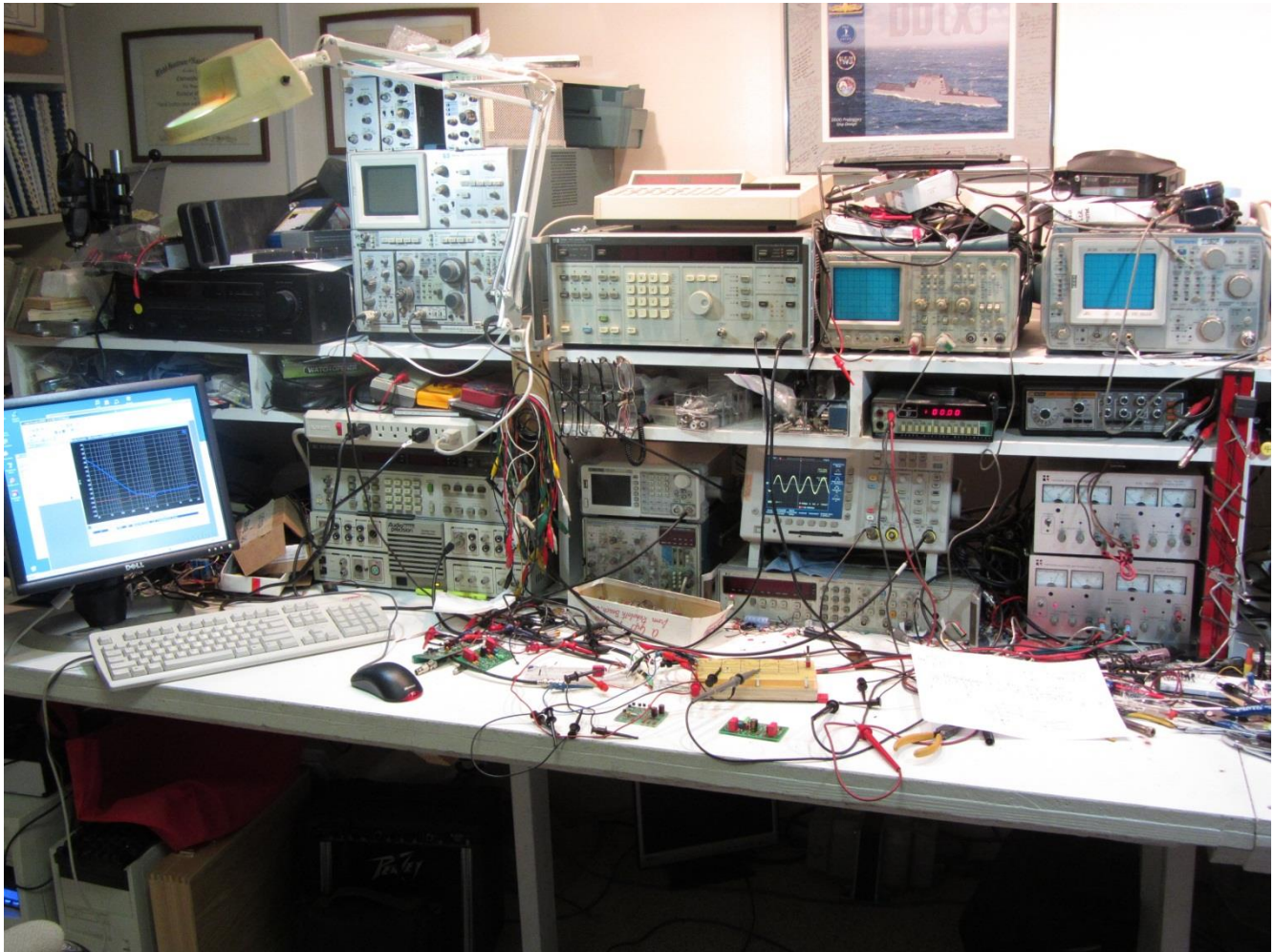


Ryan Sound Lab Lab

Yes, there really is a lab at Ryan Sound Lab. It's been built over decades and represents a serious hobby capability. I was lucky to get most of this equipment at hamfests and on ebay when prices were almost reasonable. All our boards are designed and developed here and, of course, in our listening room.



Equipment seen in the picture above include (from left to right):

Lower shelf:

- Audio Precision System One, dual domain
- HP 8903A Audio Analyzer
- Siglent SDG1020 20MHz signal generator
- Tektronix TDS3012B 100MHz digital scope
- Various counters
- Power supplies

Middle shelf:

- Various hand-held meters (capacitance meter, etc)
- Fluke 8600A multimeter
- B&K 3020 function generator

Top shelf:

- 7L5 low frequency spectrum analyzer in a 7834 Tektronix scope
- HP 3326A Two Channel Synthesizer with adjustable phase angle
- Stanford Research SR720 LCR meter
- Tektronix 2465 300MHz analog scope
- Tektronix 495P 1.8GHz spectrum analyzer

Plus much more stuff which couldn't fit in the picture.

The “hifi” part of the lab is in the listening room and includes:

- Linn Sondek, Ittok IV arm, Archiv MC cartridge. Sondek uses DIY Lingo power supply.
- Naim 72 preamp (now completely modified, of course).
- Home-built Naxo 3-6 with on-board voltage regulators and film capacitors throughout.
- 3 stereo power amps, one Adcom 555 modified to add regulated power supply, and two home-built Naim 250 clones with regulated power supplies.
- Linn DMS isobaric speakers modified to be PMS (tweeter, midrange, and bass all individually driven – commonly called a “6-pack” arrangement)
- Music Hall CD25.2 CD player (heavily modified)
- Now adding hi-res digital: Mac Mini as digital music source, external DAC with asynchronous USB (under development).