

Vertical Antenna from Hangers and Connectors

Daniel Plaster

12 Nov 2021



- 1 thicker hanger (older?)
- 4 thinner hangers
- 1 connector (jack)
- 2 connectors (plugs)
- electrical tape
- kitchen/bath caulk





- Cut off hooks and straightened hangers with help of bending jig.

- calculated that 23" would be more than enough length for 445.mHz (20-ish in. for .25 wl)



Scrubbed/sanded soldering areas and primed with solder.



Soldered to
connector



Oops.
Connector
made for
smaller sized
cable core.





Improvising
- white connector insulation melts.
- shielding rolled back ring of wire behind to catch & contact connector sleeve.

Aluminum foil wrap,
and taped so that
connector threads
and sleeve touch
shielding.



Taped to
paint roller
extension.



Tested!
(needs weatherproofing
and trimming/tuning)



Radio:

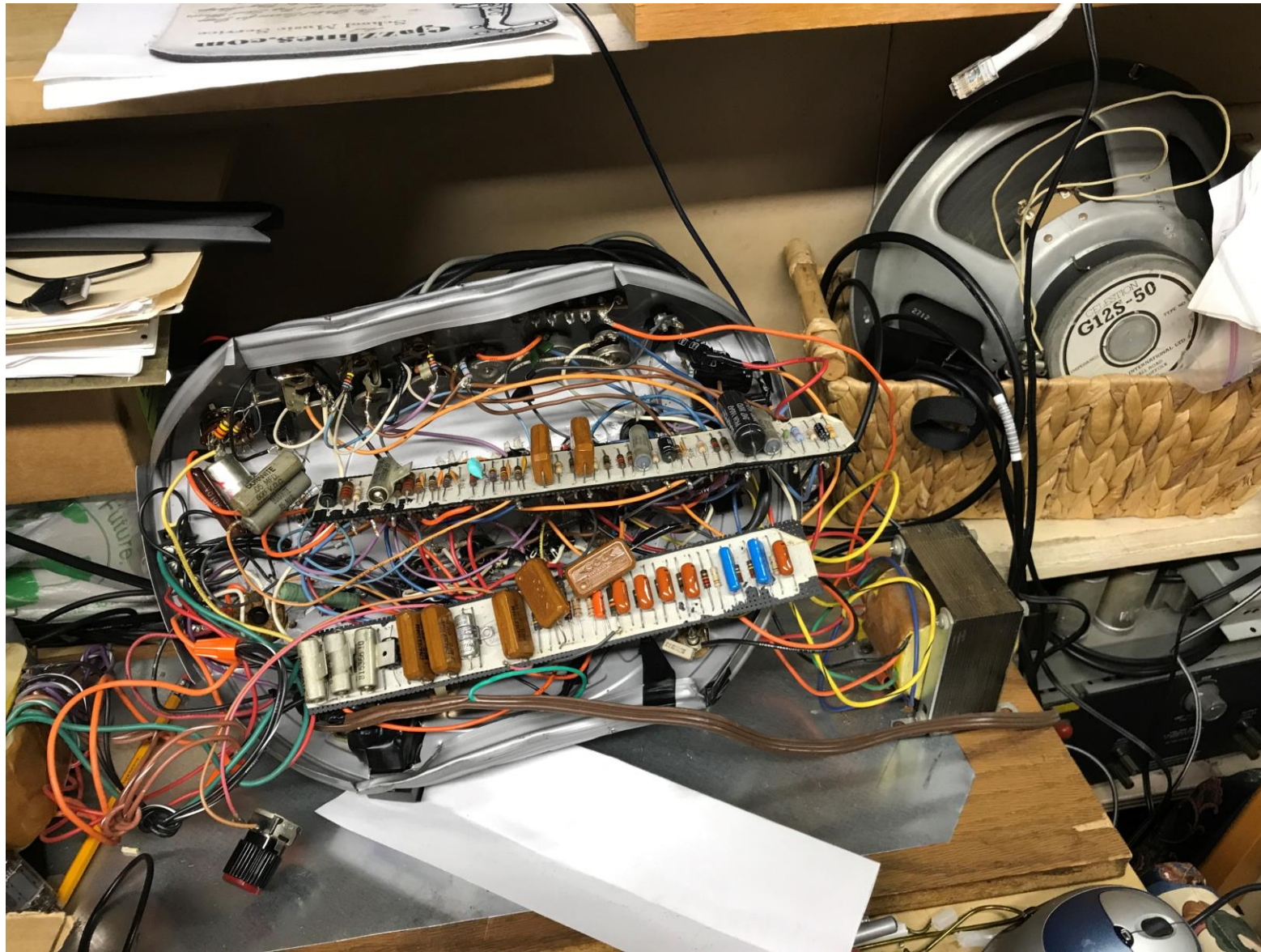
- iComm ID-5100
(borrowed)
- \$20 power supply
recommended by Kirk





Long term project
(since '90s!)

Vox AC-30
guitar amp
from scratch



Still
troubleshooti
ng some
channels.

But it works!