

“Homebrew” Hotspot and Gateway Repeater active watch - UPDATES:

On Saturday 25th November a Yaesu System Fusion (YSF) Hotspot was installed at the ZL2VH clubrooms by ZL2NSA, ZL2DRM and ZL2TWS.

The YSF Hotspot consists of:

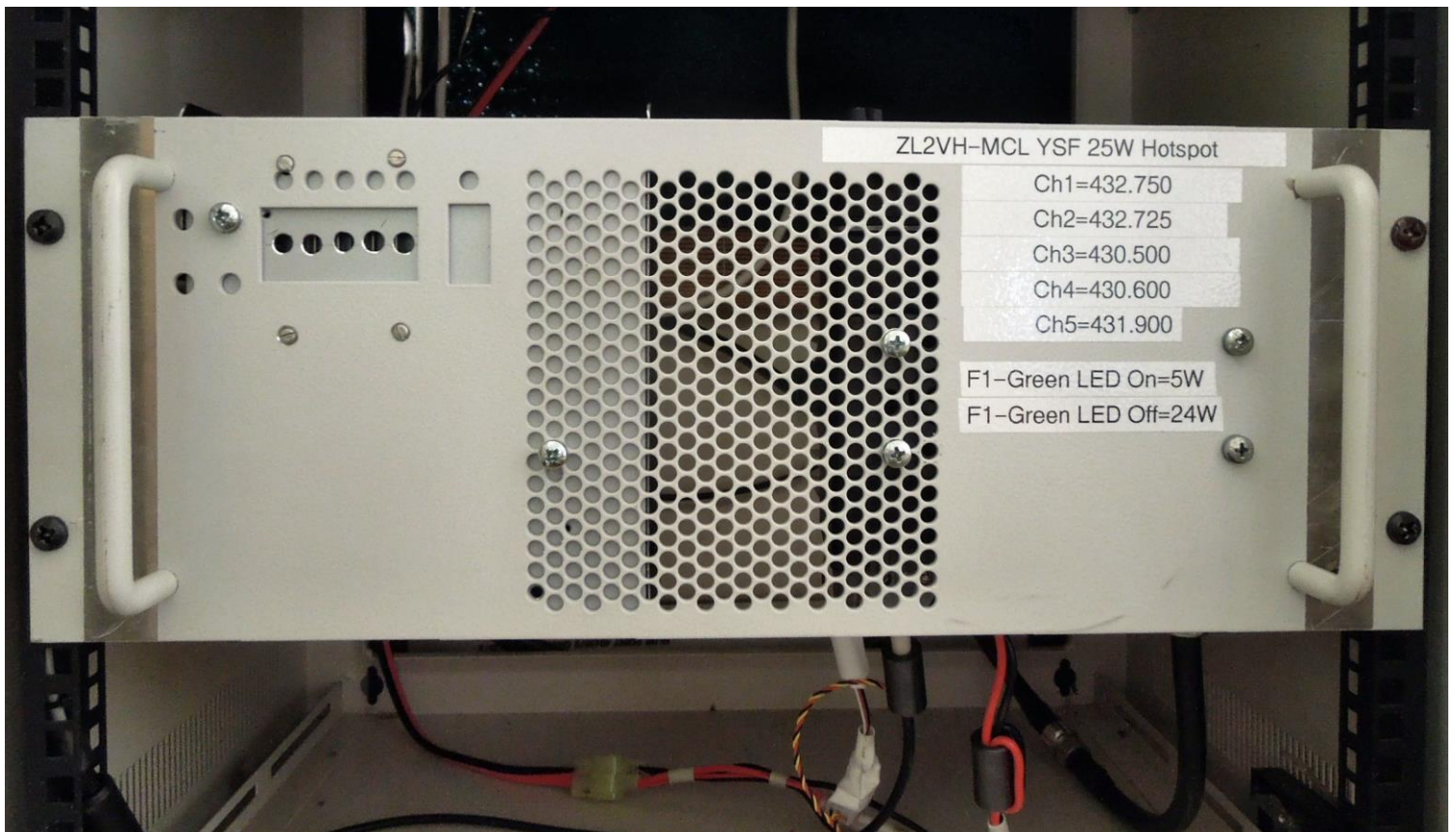
- 1) Tait TM8110 UHF Simplex Radio supplied by Brian ZL1HN.
- 2) Odroid XU4 VK4TUX PC Image.
- 3) G4KLX MMDVM Modem built by VK4TUX.

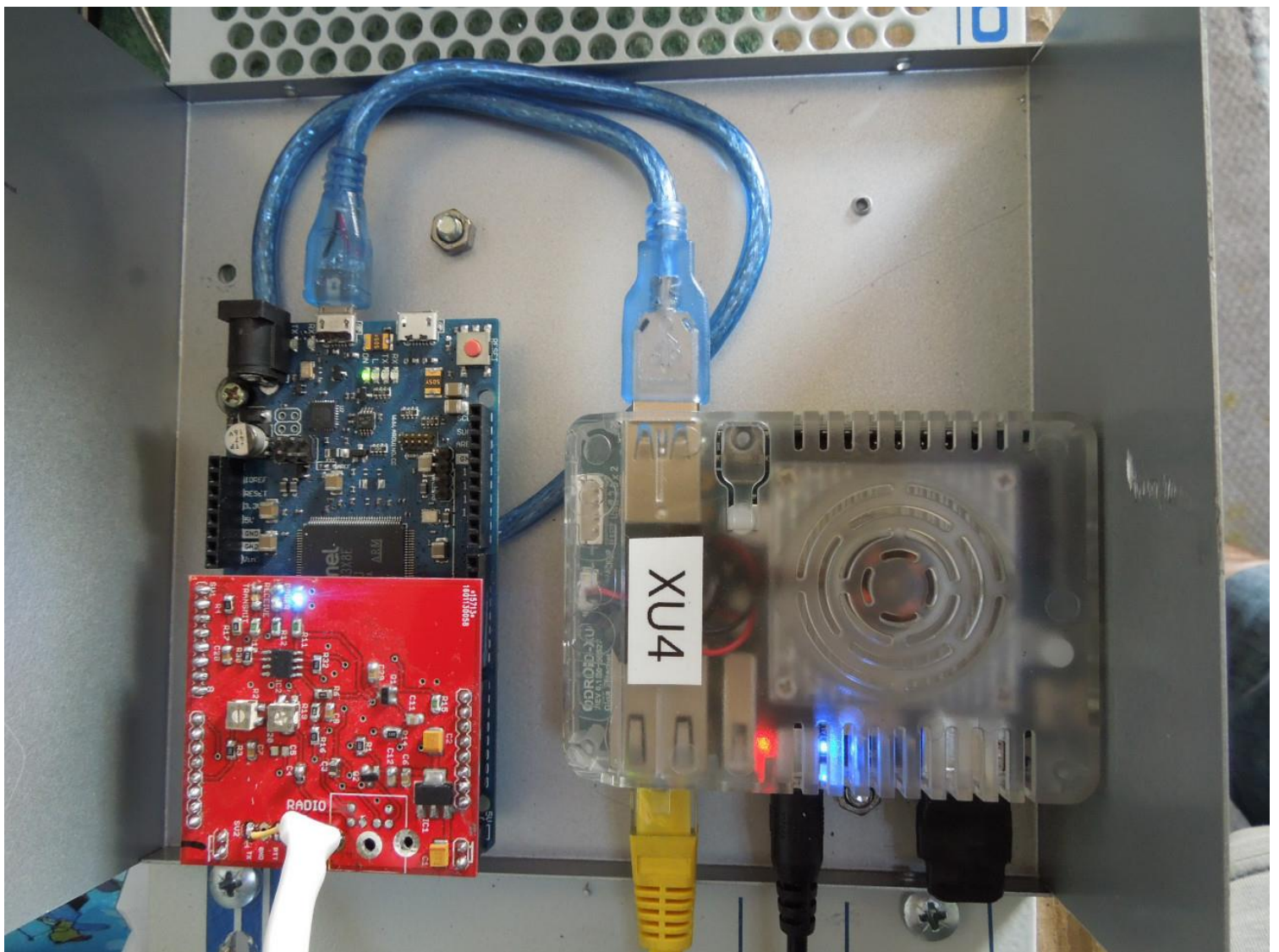
Pictures below of the YSF Hotspot built on a 19 inch rack panel.
Currently on Channel 3 = 430.500 MHz running 5 Watts. (24W selectable)

The ZL2VH-YSF Dashboard (same location as D-Star server) can be seen at: 123.255.47.67:84

To see currently logged in users and the club rooms ZL2VH-MCL RF Hotspot connection, check the ZL2VH-YSF Dashboard.

73 and good DV. John ZL2TWS





Stations currently active:

ZL4DE, ZL3DMH, ZL2NSA, ZL1HN, ZL2UFI, ZL2TWS



Two NZ YSF reflectors are online as ZL2VH <http://123.255.47.67:84>
and NZXLX <http://626.nz/dashboard/ysf/>

If you want to connect to ZL2VH YSF for example add to your MMDVM.ini file
[System Fusion Network] GwyAddress=123.255.47.67 and use GwyPort=42000
ZL2VH YSF is a Branch 63 NZART sponsored reflector.
At the time of publishing: 128 days of continuous operation with excellent results.

SharkRF-openSPOT and DV4mini users look for NZ ZL2VH in the YSF reflector drop down menu.



To order an MMDVM board contact Adrian VK4TUX here: vk4tux@gmail.com

A complete assembled DUE MMDVM is AU\$189 + P&P and Nucleo MMDVM is AU\$229 + P&P.

Includes the DUE or Nucleo-64 processor, case and MMDVM with best WW BER performance 0% BER.

Repeater Gateways with Dashboards:

Auckland Klondyke ZL1VLD. <https://zl1vhd.dstar.org.nz/> (Dplus)

Auckland ZL1ZLD. <https://zl1hk.dyndns.org> (Dplus)

Auckland Henderson ZL1AKD. <http://zl1akd.ddns.net:82> (ircDDB)

Hamilton. <http://zl1cct.d-star.nz> (ircDDB) CCS7 8530100 or <http://zl1hnd.d-star.nz> (G2/G3/ircddb)

Rotorua. <http://zl1rld.ddns.net:82> (ircDDB)

Tauranga ZL1TPD. <http://222.154.227.90:81> (ircDDB) CCS7 8530001

Te Puke. <http://202.36.75.248:40001> (Dplus) G3

Hawke's Bay Mt Threave. 434.000 MHz + DUP. <http://zl2hbd.ddns.net:82>

Kapiti ZL2KB Mt. Field. 145.350 -600 kHz. http://zl2kb.org.nz/?page_id=731

Wellington ZL2VH. <http://123.255.47.67> (dual dashboard with Dplus below the ircDDB) CCS7 8530304

Wellington ZL2VH. <https://123.255.47.67> (Dplus only dashboard)

New Zealand Reflectors XLX626. <http://626.nz/db/> **XLX870.** <http://xrf870.ddns.net>

Examples of these hotspots with dashboards that you can view and connect to this month:

ZL1HXD (<http://z11hxd.ddns.net:82>)
ZL1TOB (<http://z11tob.ddns.net:83>)
ZL1AMK (<http://z11amk.ddns.net:82>)
ZL2TFG (<http://z12tfg.ddns.net:82>)
ZL2NSA (<http://z12nsa.ddns.net:82>)
ZL2UDG (<http://z12udg.ddns.net:82>)
~~ZL2SFM (<http://z12sfm.ddns.net:82>)~~ **New QTH and off air for now.**
ZL3TJH (<http://z13tjh.ddns.net:83>)
ZL4WPS (<http://z14wps.ddns.net:82>)

Other Hotspots of interest:

<http://z12ror.626.nz:82>
<http://www.z12aus.co.nz>

Dashboard - DDNS naming convention.

PiStar: <http://callsign.ddns.net>

Note: PiStar uses port 80 by default and not required to be added to the end of the address line.

VK4TUX Hotspots: <http://callsign.ddns.net:82>

KiwiDstar Hotspots: <http://callsign.ddns.net:82>

UDRC Compass Hotspots: <http://callsign.ddns.net:82>

Hotspots that cannot use port 80 or 82 use port 83 (example is <http://z13tjh.ddns.net:83>) and <http://z11tob.ddns.net:83>)

Yaesu System Fusion Hotspots use port 84 (<http://callsign.ddns.net:84>) (example is <http://z12vh-ysf.ddns.net:84>)

DV4Mini Host File update:

DV4mini users please add a DExtra protocol IP or DDNS address to xref.ip file and restart DV4mini.

The latest host files can be downloaded from here:

<http://z12vh.org.nz/assets/d-star-hosts/>

D-Star Nets to join

<http://www.dstarinfo.com/nets.aspx>

Kiwi-D-Star Net on XLX626 A

Every second Thursday night at 20:00. Contact Phil ZL2RO for more details and check web site “Net page” here:

<http://626.nz> or <http://626.nz/net>

D-Star round table net

Friday afternoon at 16:00 XRF002A **D-Star round table net** is a technical net and well worth joining.

Note: This time depends on Daylight saving in either country.

Dashboard and DExtra_Host.txt files entry is here: XRF002 xrf002.dstar.club

The net runs for 3 hours or more and has a “shout box” type web forum you can also contribute to here:

<http://d-star-roundtable.boards.net/>

Other sites for reference information:

ZL2VH Web site. <http://z12vh.org.nz/d-star/>

For US Trust G2 Registration go here: <http://z12vh.org.nz/d-star/gateway/>

Previous D-Star newsletters FREE to download:

<http://z12vh.org.nz/d-star/newsletter/2015/>

<http://z12vh.org.nz/d-star/newsletter/2016/>

<http://z12vh.org.nz/d-star/newsletter/2017/>

ZL Host lists

ZL gateways and hotspots.

On the Branch 63 site you can retrieve the host files at any time. They are small text files.

<http://z12vh.org.nz/assets/d-star-hosts/>

Previous issues of this newsletter are available from <http://z12vh.org.nz/d-star/newsletter/>

73 and good DV. John ZL2TWS. Branch 63 NZART.