



Newsletter November 2024 – 35th Edition

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- 2) ZL2VH - ircDDB Update.
- 3) ZL2VH - G3 Update new RP-2010V and RP-4000V RF repeaters.
- 4) Terminal / Access Point Mode using RS-MS3A and RS-MS3W Applications by ZL2TWS
- 5) Gateway Function Document for Terminal / Access Point Mode use by Icom.

1) Hotspot and Gateway Repeater active watch Updates - Dashboard hosting.

This is a listing of High Power Hotspots and Gateway Repeaters you can connect to.

NOTE-1: At the time of publication the URL's listed below were checked and active.

Their status may have changed since publication due to temporary outage or update.

See this New link:

<https://zl2vh.nz/assets/pdf/other/new-zealand-d-star-gateways-hotspots.pdf>

NOTE-2: Updates for Host files and active gateways are due during the next two months.

2) ZL2VH - ircDDB is online by request or for test purposes.

The majority of users are active on G3 and ircDDB users prefer their own hotspots.

3) ZL2VH Mount Climie is now using the Mixed DV / FM mode new generation D-Star repeaters. On VHF 145.425 MHz (-600 kHz) ID-RP2010V and on UHF 438.600 MHz (-7 MHz) ID-RP-4010V Icom stack with in-built RP3C controllers using G3 gateway.



Each repeater has an output power of 25 watts.

In the above picture are shown the two new rack mounted repeaters.

FM mode is activated via a CTCSS sub tone. The transmitters also output CTCSS so that FM users do not hear DV noise when in that QSO mode.

4) Terminal / Access Point Mode using RS-MS3A and RS-MS3W Applications by ZL2TWS

<https://zl2vh.nz/assets/pdf/other/terminal-mode-access-point-mode-v1.3.pdf>

5) Gateway Function Document for Terminal / Access Point Mode use by Icom.

https://zl2vh.nz/assets/pdf/other/DV_Gateway_Function.pdf

D-Star web sites of interest: **US Trust DSync monitor:** <https://dsync.dstarusers.org/>

US Trust D-Star registration check: <https://regist.dstargateway.org/regcheck/index.php>

ircDDBGateway - Repeaters:

Hamilton. <http://zl1cct.d-star.nz> (DPlus, DExtra & DCS) **CCS7 8530100** [145.350-RPTR]

Kapiti ZL2KB. <http://zl2kb.ddns.net:8080>. ZL2KB C (DPlus, DExtra & DCS) [145.300 RPTR]

New Zealand XLX Multimode Reflector www.xlx299.nz

ircDDB Status for ZL: <https://status.ircddb.net/cgi-bin/ircddb-gw?NZL>

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

ZL1TOB (<http://zl1tob.ddns.net:83>)

ZL1AMK (<http://zl1amk.ddns.net:82>)

ZL3TJH (<http://zl3tjh.ddns.net:83>)

Other Gateway Repeater Hotspots of interest:

ZL2AUS was running Pi-Star Hotspot frequencies for MMDVM and Pi-Star versions.

<http://www.zl2aus.co.nz> and <http://uhf.zl2aus.co.nz/>

Dashboard - DDNS naming convention.

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

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

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://zl3tjh.ddns.net:83>) and

<http://zl1tob.ddns.net:83>)

D-Star Nets to join

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

Kiwi D-Star Net on XLX299 J (D-Star only channel)

Kiwi D-Star Net on XLX299 N (Tech Talk channel)

Sites Reference information:

ZL2VH Web site. <https://zl2vh.nz/dstar.html>

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