



Getting Started with D-STAR

The Basics

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Operating Etiquette

Similar to VHF / UHF FM with repeaters

Saying Call Sign is optional, but commonly practiced

Your repeater may be linked to anywhere in the world

- If repeater is linked, make your location known
- Be kind to others with English as a second language

Time-out timer is 3 minutes

Linking Repeaters

Not all repeaters allow all users to link and unlink

Identify and announce your intentions

- This is WA4YIH. Is anyone using the repeater?
- This is WA4YIH linking to REF030C

Once linked, existing transmission must stop before signal may be heard

- Wait for 3 minutes before transmitting

If you link it, make sure to unlink it

If a repeater is commonly linked, make sure you relink it

Call Sign Routing

Your call may or may not be heard

Your call may barge into an existing conversation

Call Sign routing and linked repeaters can be very confusing

Both stations **MUST** have radio setup for call sign routing

D-STAR Nets



Similar to VHF/UHF Nets

Call Sign is sent with each transmission

Doubles occur just as FM

Linking can cause slight delays

DVAP is simplex



Quick Key Check-In

Key up for about a second

- Your call sign is sent
- Net control may be watching (or may not)



Net Control Operation

Net Control may watch a variety of sources for Call Sign information

- DVDongle
- www.DSTARUsers.org
- DPlusReport (on repeaters only)





WD4STR B: WB4QDX KB6RRX
 REF002 : WA4YIH N4MRJ N4DGN KC4ELV KD4KOE AF1G AK4EX KG4FNC AI4UE KF4SEK
 K4VCM
 W4IAX : KJ4HRG
 KJ4RYH : AA4Y W1SGC W1LVL KJ4SCK
 K4DSO : WB4FAY KB4FKN
 KI4SAZ : N4CMM
 KI4SBC : N4CZ
 KA4RES : W1GNS K5BBC W4LTL
 K1XC : NOXIA AI4KM
 W4RNT : KI4HHK
 KJ4TJD : K3NON W2GGC
 W4ICY : KJ4QAL
 KR4AIK : KI4UMX K1OYQ KQ4KK AE4UX
 WR4DH : KE4BB AJ4GU WA4DDI K4PDQ WM4F
 KI4SBA : KJ4MIJ KJ4VO N4SEC
 KJ4KLE : WB4BXO
 W4HHH : KE4GC
 K3RCB : K4KAH
 KA4RVT : AB4BJ N4BZJ KJ4JJX
 W4DOC : K4MFC KJ4OJZ
 K5RKN : N5SPJ
 W4PL : KD4IBD KA6UHV KA4ELN
 W4LET : KA2BSM N4VKG
 KI4SDI : AF4TZ
 W4GSO : N4BYU
 W5SHV : K5JMR
 W4PLB : WB4GHU

-----DPLUS.LOG ENTRIES-----

216 < B 21:45:23 MY: (KA6UHV /PAUL) UR: (U) R1: (REF002 A) R2: (W4PL G)
 217 < B 21:45:45 MY: (WM4F /DON) UR: (U) R1: (REF002 A) R2: (WR4DH G)
 ***New user: (WM4F /DON)
 user message: (DON IN JONES CO.)
 218 > B 21:45:58 MY: (KB6RRX /DVAP) UR: (CQCQCQ) R1: (KB6RRX) R2: (WD4STR B)
 219 < B 21:46:51 MY: (W4LTL /JP) UR: (U) R1: (REF002 A) R2: (KA4RES G)
 ***New user: (W4LTL /JP)
 220 < B 21:53:49 MY: (KJ4SCK /KEN) UR: (U) R1: (REF002 A) R2: (KJ4RYH G)
 ***New user: (KJ4SCK /KEN)
 End date/time reached: 2011/04/17 22:00
 [root@gwaresgw util]#



D-STAR Access Devices

Talking on D-STAR

Icom Handheld Radios



Icom Mobiles



ICOM-IC9100

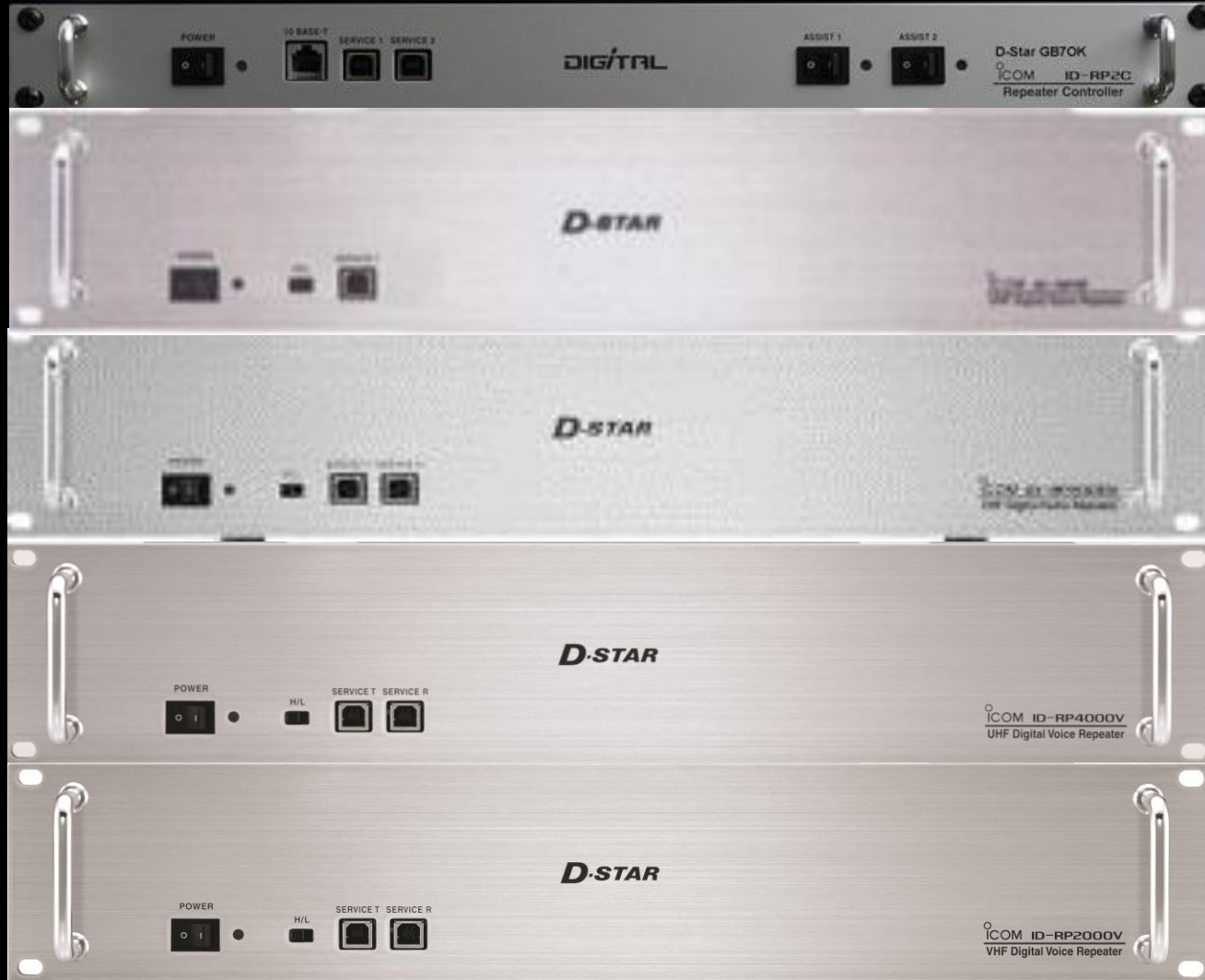


Internet Labs



D-STAR Repeaters

D-STAR Repeater



DelCo DSTAR East Repeater System



Let's Talk

Questions

Schedule

Time	New User Track	Intermediate User Track	Repeater Owner, System Admin Track
8:45 – 9:30	Opening Session – Cisco Auditorium		
9:40 – 10:40	Getting Started with D-STAR Room 1110	Low Speed Data/DPRS Room 1120	Repeater Basics Room 1100
10:45 – 11:45	Linking/Call sign Routing Room 1110	High Speed Data/1.2 GHz Room 1120	G2 Gateway/Trust Server Room 1100
11:45 – 12:45	Lunch – Dining Hall in Student Center		
12:45 – 1:15	Demonstrations, Equipment Exhibits - Lobby		
1:15 – 2:15	Programming Radios Room 1100	Hotspots Room 1120	Repeater Operation, Maintenance – Room 1110
2:20 – 3:20	Programming Radio Practice Room 1100	D-RATS Room 1120	Gateway Utilities & Add-ons Room 1110
3:25 – 4:25	Using D-STAR Room 1100	DV Dongle and DVAP Room 1120	G4ULF Gateway Software Room 1110
4:30 – 5:30	Closing Session / Prizes – Cisco Auditorium		



For More Information

www.DSTARInfo.com

www.DSTARUsers.org

www.D-RATS.com

www.DVAPDongle.com

www.DVDongle.com

G4ULF.blogspot.com (G4ULF Repeater Software)

www.K4DSO.COM (DPlusReport and Monlink)

Groups.Yahoo.com

- [DSTAR_digital](#)
- [DVAPDongle](#)
- [DVDongle](#)
- [GA_DSTAR](#)
- [SE_WXNet](#)
- [D-STAR_23cm](#)

