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D-STAR 2017 Orlando Hamcation

D-STAR

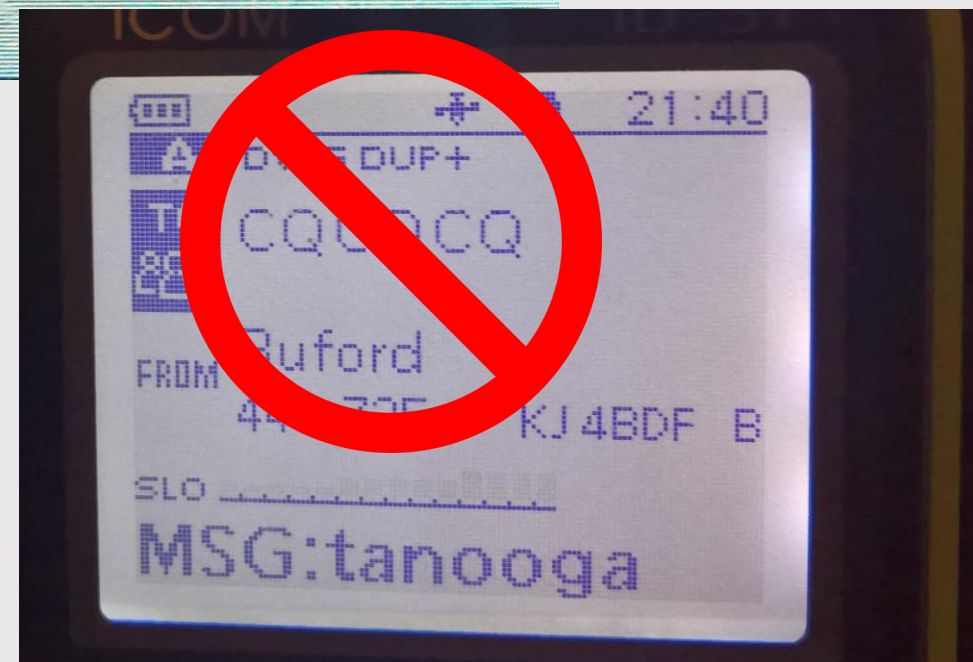
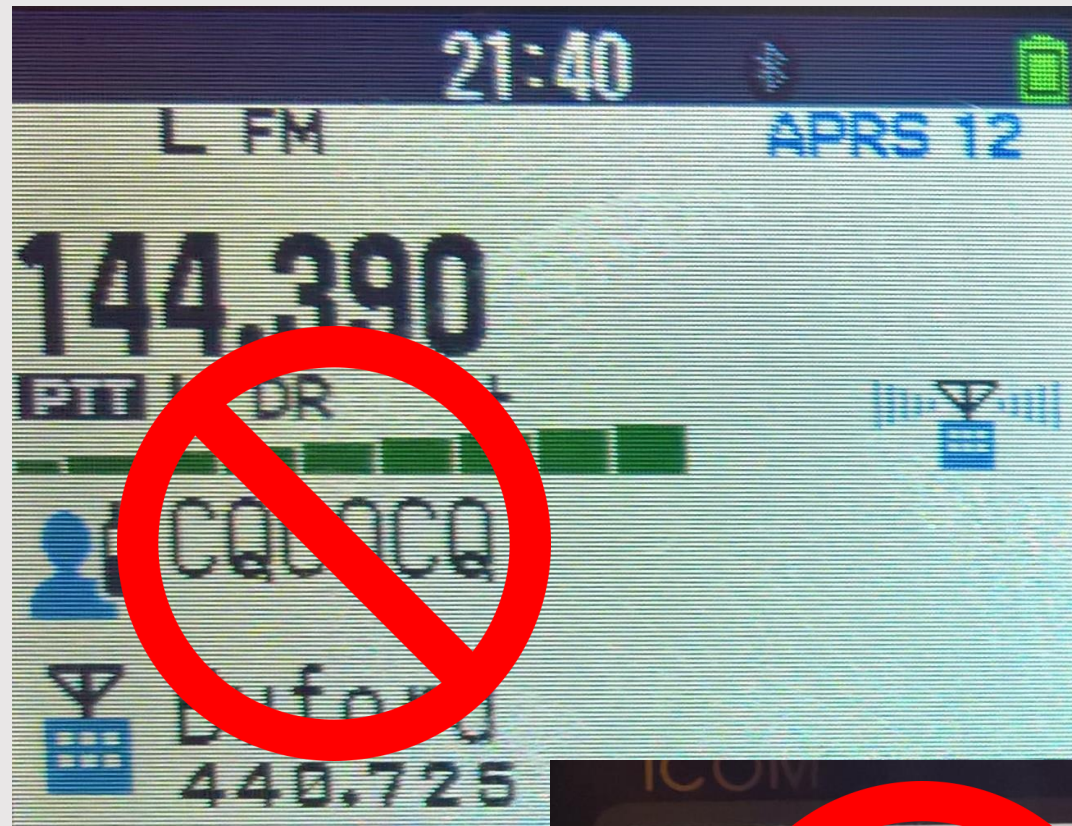


DR Mode – USE IT!!!!

- Digital Repeater Mode
- Radios have a database of Repeaters and Destinations
- Easy to Use
 - Pick Source Repeater
 - Updateable List
 - Nearest Repeater
 - Pick Destination / Function
- Automatic Programming of Radio

Using DR Mode

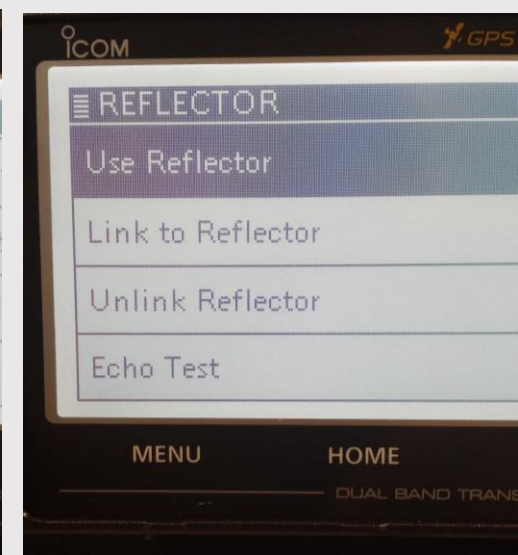
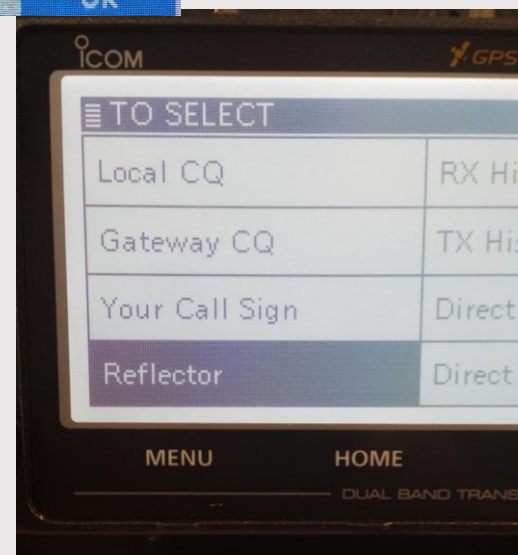
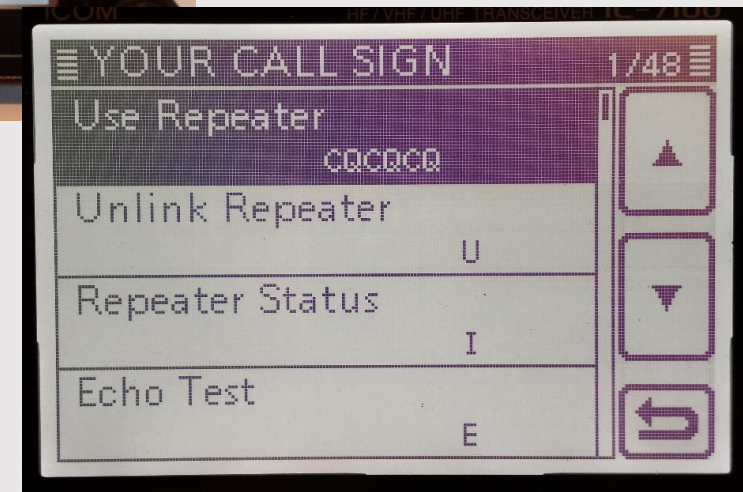
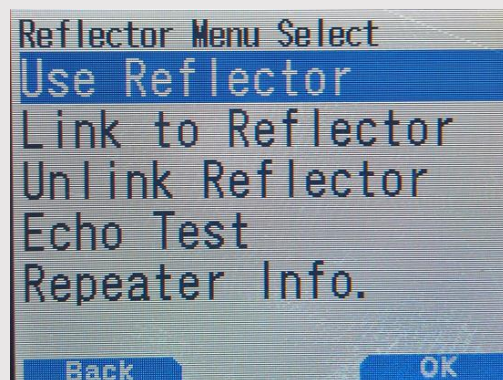
- Default is incorrect
- **Don't use CQCQCQ !**





Which CQ?

- Select TO on screen
- **DO NOT USE Local CQ**
 - Shows as CQCQCQ
- 3rd Generation (ID-31, ID-51, ID-7100)
 - Select “Your Call Sign”
 - Select “Use Repeater” to talk
- 3rd + Generation (ID-51+, ID-5100) and TH-D74
 - Select (“Reflector”)
 - Select (“Use Reflector”) to talk





Updating Your Radio

- Updated using Icom or Kenwood Software
- Updated information from www.DSTARInfo.com
 - Can import into Icom/Kenwood software and program radio
 - Can write to SD card and import into radio
- Updated using RT Systems software

www.rtsystemsinc.com





Registration

- You do NOT have to be registered to talk
- Registration allows
 - Linking a repeater
 - Access D-STAR network from Internet (i.e. DVDongle or DVAP)

Get on the air and start talking, then go through the registration process. www.DSTARGateway.org

Buy a radio and talk on D-STAR TODAY!!!



Icom RS-RP3C “G3”

- Update to G2 Gateway Software
- Supports new CentOS versions
 - CentOS5 2017-03-31
 - CentOS6 2020-11-30
 - CentOS7 2024-06-30
 - Supports 64 bit
- Application package supplied as RPM distribution
 - Security Updates
- Middleware can be updated
 - Apache
 - Tomcat
 - OpenSSL
 - Postgres SQL
- Additional Ports required
- Significantly faster install
- Automated installation script (by NJ6N)
 - Backup Existing Gateway
 - Restore to updated software
- Supports features of ID-51A PLUS2
- ***Currently in limited release***
- Waiting on some standard utilities to be updated
 - DPlusReport
 - Monlink

ID-51A PLUS2

- New Features
 - Terminal Mode
 - Access Point Mode
- To utilize new Modes
 - RS-MS3W Software
 - Create New Terminal
 - On a G3 Gateway
 - Create a new Terminal – Access Point
 - Wait for replication
 - Supports Call Sign Routing Only

Digicamo gray Leaf green Cloud blue Carbon red Black

“Plus Two” New Modes For Extended D-STAR Coverage and Fun!

The new Terminal mode and Access point mode enable you to make D-STAR calls through the Internet, even from areas where no D-STAR repeater is accessible.

Terminal Mode

Connect the ID-51A/E PLUS2 to the Internet through a PC or Android® device, and send your voice and/or data through the Internet gateway to a destination repeater.

Access Point Mode

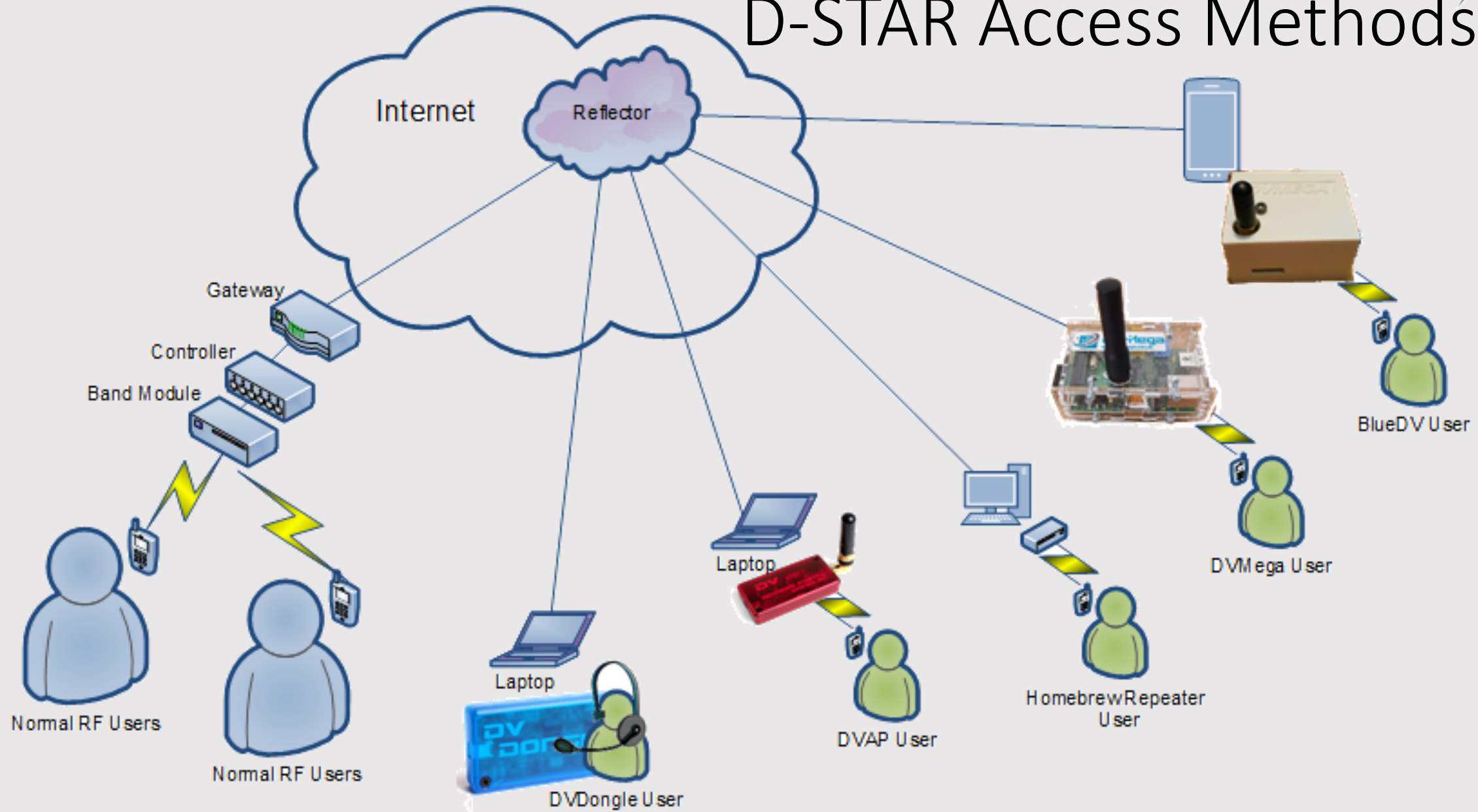
Use an ID-51A/E PLUS2 radio connected to the Internet through a PC or Android® device, as an Access point. You can use another D-STAR radio to send your voice and/or data through the Access point radio, and communicate with D-STAR stations all over the world.

Kenwood TH-D74

- Kenwood's Latest Radio
- Multi-Function Radio
 - D-STAR
 - APRS
 - FM
 - 144/220/440 Tribander
 - HF Receive
- Color TFT display
- Bluetooth
- Micro USB Data port



D-STAR Access Methods



D-STAR Live!



- 11 March 2017
- Watch www.DSTARInfo.com for more info...

