

Missouri Digital Group - Linking Information

Linking

Linking "connects" a module on the KØMDG system to a module on another D-Star system or a reflector. The linking is done between the Gateways and is via the internet. The software that provides for "Linking" is D-Plus by Robin Cutshaw, AA4RC.

When a module is linked, everyone uses a normal "CQ operation" with the Gateway in RPT2. All audio is routed to the linked system or reflector. Once linked, no special radio programming is required except to have the Gateway, "KØMDG G" in the RPT2 position.

Linking Restrictions

The MO Digital Group currently prohibits linking on the 2 meter module, module "C". Linking is allowed on 70 cm and 23 cm, modules "B" and "A"

Linking Status

To check linking status of the KØMDG system, go to <https://user.k0mdg.net/status.html>. After accepting the lack of certificate, you will see the following web page:

DPLUS Dashboard | Gateway Status and Control

Registration | KØMDG Repeater System | DPLUS version 2.2c

Linked Gateways and Reflectors

Module	Linked to
A	unlinked
B	REF001 C
C	unlinked

DV Dongle Users

Callsign	User Message	Last TX on
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Last Heard

Callsign	User Message	Last TX on	Time
N00BG		A	2009/01/19 20:43:19

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The module and what it is "Linked to" is displayed. Also current DV Dongle Users are listed.

Linking a Module

To link/unlink a module via the Gateway, you will need to program your radio "URCall" as follows:

1. "XXNYYYML" to link the current module to Gateway XXNYYY module M.
2. "REFNNNML" to link reflector NNN module M.
3. " U" to unlink a module (U is in the eighth position).

To link you will key your radio and then return to your normal mode of operation

For example:

"WØOMD CL" will link KØMDG module you are on to the "C" module in Springfield, Missouri.

"REF001CL" will link the KØMDG module you are on to Reflector 1C.

Please Unlink

Currently any registered user may link a module. When you are done, please unlink the module to return that module to normal operation.

Administrator Linking

The system administrators will link the modules to Reflectors to encourage more activity. Most Reflector linking by the administrators will be done on the "B" module. The most common link will be REF001C.

Reflectors

Each reflector has "A, B and C" modules just like a D-Star system. The number of connections to a reflector is dependent upon the bandwidth available. DV Dongles can directly connect to a reflector.

Besides normal rag chewing, reflectors are also used to facilitate world wide nets.

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A partial list of reflectors is:

REF001: US / Chicago / high bandwidth
REF002: US / Nebraska / high bandwidth
REF003: AU / limited bandwidth to US
REF004: US /
REF005: UK / London / high bandwidth
REF006: UK / used for DE / high bandwidth
REF007: IT /
REF008: IT /
REF009: US / Arizona
REF010: US / New England
REF011: IT /
REF012: US / San Diego / high bandwidth
REF013: UK / regional nets / high bandwidth