

Using XLX Reflector DMR network

XLX reflectors are commonly used for multi protocol digital and even FM cross modes

The XLX network consist of well over 100 reflectors within each reflector there are 26 “rooms” or modules labeled A -Z. XLX is used for trans coding multiple DMR protocols and FM analog.

Note: At this time pi-star hotspots can not connect to lettered reflectors like XLX-USA, you can with WPSD and maybe OpenSpot. XLX-000 to XLX-999 only for pi-star, maybe one day they will add that feature.

The XLX commands used to navigate within each reflector and rooms A-Z are all done using talkgroups to control the movement within the network using “Private Call” control talkgroups. TG-6 is used to talk and is the only “Group Call” talkgroup within the system

The talkgroup command codes all in private call are as follows:

68 plus the reflector number connects to a reflector

64 plus the letter of the alphabet selects the room

65000 announce the current connection status

64000 disconnect from a room or module

Note: You do not need to ID, you’re sending commands to a computer / server

For example lets say you want to use XLX reflector-209 room A

You would PTT key up 68 and the reflector number 68458

Then to select or move to module A you would key up 64001

So the commands to connect to XLX reflector 209 room A

1st-68209-PC The XLX lady will scream “Link to XLX 209”

2nd-64001-PC The XLX lady will scream again “Link to XLX 209 A”

Then finally to talk you go back to TG-6 for the duration of the QSO

Say your home XLX reflector is 913 one of several Southeast Link nodes

Your start up node is “None” in other words you’re connected to the XLX-913 node but not in a room or module so you’re just sitting in space, you will not hear any traffic until you enter a room or change XLX reflectors and then enter a room there.

If you do have a startup home reflector with a startup room say A and you go to B or a whole new reflector and room after 15 mins to 60 mins of inactivity on your part the hotspot will go back to the home reflector and room or no room A-Z just in standby mode

You can set the timer to return home in the gateway script usually between 15 to 60 mins.

68XXX	Connect to reflector
64XXX	Connect to room
64000	Disconnect
65000	Current connection status
64001	Move to room-A
64002	Move to room-B
64003	Move to room-C