

Programming the W4XI DMR Repeater Information

Receive Frequency: 443.825 Transmit Frequency: 448.825 (+5 MHz offset) Color Code (CC): 1

For Transmit Admit, set “Color Code Free” - this will have different names in different radio programming software, but the gist of it is this: if the repeater is active due to another user, even if you don’t hear that user, your radio should refuse to transmit.

If you have a radio capable of encryption or voice inversion (scrambling), make **sure** they are not enabled.

For talkgroups and timeslot usage, the general rule is that timeslot 1 is for wide-area communications while timeslot 2 is for smaller area communications.

Recommended talkgroups to include:

TG	TS	Description	Notes
1	1	W4XI LOCAL 1	Only heard on W4XI repeater
2	2	W4XI LOCAL 2	Only heard on W4XI repeater
3101	2	W4XI ALABAMA	
31015	2	W4XI CNTRL AL	
31013	2	W4XI ALERT	K4NWS monitors during severe wx
31010	2	W4XI AL LINK	
310	1	W4XI TAC 310	Linked to DMR-MARC – see note below
311	1	W4XI TAC 311	Linked to DMR-MARC – see note below
312	1	W4XI TAC 312	Linked to DMR-MARC – see note below
313	1	W4XI TAC 313	
314	1	W4XI TAC 314	
315	1	W4XI TAC 315	
316	1	W4XI TAC 316	
317	1	W4XI TAC 317	
318	1	W4XI TAC 318	
319	1	W4XI TAC 319	

If you wish to talk with non-local folks, you may want one or more of the following:

3100	1	W4XI USA	USA Nationwide
31604	1	W4XI REGION 4	
91	1	W4XI Worldwide	Worldwide
92	1	W4XI Europe	Europe
93	1	W4XI NA	North America

There are lots of others; for a full list, see this link: <https://brandmeister.network/?page=talkgroups>
Keep in mind that all of these should use timeslot 1.

TAC 310, 311, and 312 are bridged among different networks through DMRX so that communications between different networks are possible. Please allow time between each transmission to allow others to also use the talk groups. When a users on a cbridge activate a talkgroup, they will not hear anything until the next transmission starts. We are a guest on these talk groups. TAC 310 - 312 should NOT be used as a primary talk groups by anyone! If you wish to have longer conversations, please use TAC 313-319.

The only “on all the time” talkgroups on the W4XI repeater are 1, 2, 3101, 31013, and 31015. Others are what’s known as “dynamic” talkgroups; these are temporarily activated with a PTT press and automatically deactivate after 15 minutes of inactivity.