

W9MBD DMR Repeater

444.975 MHz – Offset +5.00 MHz – CC 4

Dashboard - <https://brandmeister.network/?page=device&id=314688>

Channel	TS	Talk Group	Static / Dynamic
Local	2	314688	Static
IL Statewide	1	3117	Static
IL Link	1	31171	Dynamic
E Central IL	1	31177	Dynamic
Cent IL Wx Ops	1	31174	Dynamic
TAC 312	1	312	Dynamic
TAC 317	1	317	Dynamic
Parrot	1	9990	-
Clear TS	1	4000	-

Create the code plug for your radio using CPS

1. Create the Talk Groups (Contacts) to be used.
2. Create Channels (digital) with repeater specific details such as Tx/Rx frequencies and Color Code (CC). Use the Talk Groups created in step 1.
3. Add Channels to a Zone

Static vs Dynamic – static talk groups are set by repeater owner/operator. They are always on. Dynamic are “On Demand” talk groups programmed in the code plug. To connect to a dynamic TG, set the channel on your radio and key up (PTT) for a couple of seconds.

Parrot channel is for testing your radio with the repeater. Setup the channel as a Private Call using TG 9990.

Clear TS is a courtesy to unset the dynamic talk group after you finish your QSO. Create that channel as a Private Call using TG 4000. **Note:** Brandmeister will usually clear a dynamic talk group after 10-15 minutes of non-use.

Zone Channel Member	
162	MAT LOCAL
163	MAT IL STATE
164	MAT IL LINK
165	MAT TAC 312
166	MAT TAC 317
167	MAT CNT IL WXOPS
168	MAT E CNTRL IL
171	MAT ADHOC1
172	MAT ADHOC2
169	MAT CLEAR TS
170	MAT PARROT
94	446.075D SIMPLEX
96	145.790D SIMPLEX

DMR Simplex – Common simplex frequencies are 446.075 and 145.790. Create a Digital channel with Tx/Rx frequencies the same, CC 1, TS 1 and Talk Group 99 (create a Simplex TG as Private Call).