

DMR Workshop Information

CPS Program steps:

1. Populate User info (DMR ID, Name, Call Sign)
2. Create Group Call List (Talkgroup list)
3. Create Channels (also Analog channels in this step)
4. Create Zones
5. Save finished codeplug
6. Write to radio

Your Radio



Needed to enter:

- DMR ID & Call Sign
- TG List (broadcast area)

Then:

- put in Channels
- assign Channels to Zones (group of Channels)

Finally, load digital contacts to get call sign of contact

Same for each Channel to the same Repeater / HotSpot

Channel Specific

Each Channel contains:

- Tx frequency
- Rx frequency
- Color Code
- Access (Tx Permit / Admit Criteria)
- TG
- Timeslot

Some reference links to various club docs on DMR:

- https://www.atlantaradioclub.org/uploads/1/2/3/8/123882460/20190707_-_w4doc_atlanta_radio_club_k4usd_talkgroup_matrix_v1.3.pdf



- https://www.n1kdo.com/dmr_data/repeaters.html



Local Repeaters:

N4MPC

- Decatur
- 444.9000
- 449.9000
- Color Code 1
- Brandmeister

W4KIP

- Downtown Atlanta
- 444.9375
- 449.9375
- Color Code 1
- Brandmeister

W4DOC

- Atlanta Bank of America Tower
- 444.8250
- 449.8250
- Color Code 10
- K4USD

W4BOC

- Stone Mountain
- 441.8125
- 446.8125
- Color Code 1
- K4USD

W8RED

- Snellville Mountain
- 442.6000
- 447.6000
- Color Code 3
- K4USD

KD4Z

- Marietta, Sweat Mountain
- 442.9750
- 447.9750
- Color Code 1
- K4USD

W4KIP

- Marietta, Sweat Mountain
- 146.7300
- 146.1300
- Color Code 1
- Brandmeister

W4KIP

- Marietta, Sweat Mountain
- 444.7750
- 444.7750
- Color Code 1
- Brandmeister

WA4ASI

- Covington
- 444.8000
- 449.8000
- Color Code 2
- Brandmeister

N4TAW

- Between
- 443.7375
- 448.7375
- Color Code 3
- K4USD

NG4RF

- Cumming, Sawnee Mountain
- 442.1125
- 447.1125
- Color Code 1
- K4USD