

DMR is like a Phone Call

DMR is very much like using a Mobile Phone. (*Also see this link*)
Radio is the Phone you make calls from.

Hotspots and DMR Repeaters is the exchange that routes the Phone Number / Talk Group to a Group Chat (Conference Call) that anyone can join.
That is why it is called Group Call. (Conference Call)

Frequencies is your RF phone line your traffic is passed on.
So the Freq never changes. Just the phone number (Talk Group)
Hotspots use Frequencies 434.000 and/or 438.800
Repeaters have there own Frequencies.

Look at it this way.

Talk Group is a phone number you wish to call. (91, 3100, 2350, etc)
Then a 4000 group call is the hang up request. (Disconnect/Unlink)

So Channel/Talk Groups is pre-set phone numbers.

This is the list of phone numbers (Talk Groups)

FreeDMR = <http://www.freedmr.uk/index.php/talkgroups/>

Brandmeister = <https://brandmeister.network/?page=talkgroups>

Phoenix = <http://www.dmr-uk.net/index.php/layout/>

Zone is like an address book for your favourite phone numbers. (Talk Groups)

So we make a zone “Hotspot” that has the Channels/Phone Numbers you wish to use.

How to make a channel.

1st Add Talk Group number (Phone Number) to - Talk Groups/Contacts.

2nd Make channels on the Frequencies you need to use.

Point that channel to the Talk Group (Phone Number)

3rd Add to the Zone you want it in . (Address Book)

Slots is like a shared phone line that can have two using at the same time.

One can be on Slot1 while another can be on Slot 2

Simplex Hotspots do not use Slots. Set all channels to Slot 2

Duplex Hotspots and Repeaters use Slots and you need to look up how they want them used.

You can do a [Private Call](#) between you and one other.

So you take the others party Ham Radio 7 Dig ID number (Phone Number)

Add to Talk Groups/Contacts as a **Private Call**

Make channel up the same as above and add to zone

(Downside is the other party must be on the same network and have the radio turned on)

Side Note.

Private Call is no longer Private.

The Anytone will decode Private Calls if Digi Moni is turned on.

Even on Hotspots if someone is on the same Freq and within range of your hotspot.

<Http://tiny.cc/Anytone-DMR>