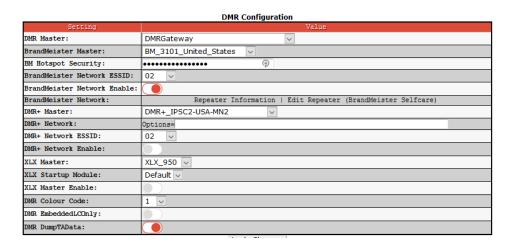# Configure pi-star hotspot for Brandmeister and TGIF

Before you make these changes don't forget to backup your current configuration!

Open your pi-star in a browser and goto the **Configuration** tab.
Under **General Configuratio** fill out your DMR information

General Configuration	
Setting	Value
Hostname:	pistar Do not add suffixes such as .local
Node Callsign:	CALLSIG
CCS7/DMR ID:	1234567
Radio Frequency:	439.000.000 MHz
Latitude:	40.47 degrees (positive value for North, negative for South)
Longitude:	73.8 degrees (positive value for East, negative for West)
Town:	cw TOWN
Country:	usa
URL:	http://www.qrz.com/db/callSIG ○Auto ●Manual
Radio/Modem Type:	DV-Mega Raspberry Pi Hat (GPIO) - Dual Band
Node Type:	●Private ○Public
APRS Host Enable:	
APRS Host:	rotate.aprs2.net
System Time Zone:	America/New_York
Dashboard Language:	english_uk

Under **DMR Configuration** you choose as DMR Master: DMRGateway and select a Master near you. Don't forget to also enter your Brandmeister Security password. Also make sure the network is enabled.

DMR Configuration	
Setting	Value
DMR Master:	DMRGateway
BrandMeister Master:	BM_3101_United_States
BM Hotspot Security:	●●●●●●●●●●●●●●●●
BrandMeister Network ESSID:	02
BrandMeister Network Enable:	🔴
BrandMeister Network:	Repeater Information	Edit Repeater (BrandMeister Selfcare)
DMR+ Master:	DMR+_IPSC2-USA-MN2
DMR+ Network:	Options=
DMR+ Network ESSID:	02
DMR+ Network Enable:	
XLX Master:	XLX_950
XLX Startup Module:	Default
XLX Master Enable:	
DMR Colour Code:	1
DMR EmbeddedLCOnly:	
DMR DumpTAData:	🔴

Now comes the tricky part. You have to edit the **DMR GW** config file. You cando this by going to the expert TAB and click on **DMR GW**.

If all went well you will now see the configuration of the 1ˢᵗ network under [DMR Network 1] and that should look something like this:

```
[DMR Network 1]
Enabled=1
Address=3101.master.brandmeister.network
Port=62031
TGRewrite0=2,9,2,9,1
TypeRewrite1=1,9990,1,9990
TypeRewrite2=2,9990,2,9990
SrcRewrite0=2,4000,2,9,1001
PassAllPC1=1
PassAllPC2=2
PassAllTG1=1
PassAllTG2=2
Password="your brandmeister password"
Debug=0
Id=123456702
Name=BM_3101_United_States
```

You can ignore [DMR Network 2] and [DMR Network 3]
Now it is time to configure [DMR Network 4]

```
[DMR Network 4]
Enabled=1
Name=TGIF_Network_Prime
PCRewrite1=1,4009990,1,9990,1
PCRewrite2=2,4009990,2,9990,1
TypeRewrite1=1,4009990,1,9990
TypeRewrite2=2,4009990,2,9990
TGRewrite1=1,4000001,1,1,999999
TGRewrite2=2,4000001,2,1,999999
```

```
SrcRewrite1=1,9990,1,4009990,1
SrcRewrite2=2,9990,2,4009990,1
SrcRewrite3=1,1,1,4000001,999999
SrcRewrite4=2,1,2,4000001,999999
Address=prime.tgif.network
Password=TGIFPRIMEPASSWORD
Port=62031
Location=0
Debug=0
Id=123456702
```

In both configurations the ID is your DMR ID followed by the extension of your hotspot. For DMR network 4 you can use the same ID as the ID that is configured for DMR network 1. DMR network 1 should already have the right ID.

If you configured everything right you should see both Networks in the Dashboard

To access the talkgroups on the TGIF network you have to program them with a few extra numbers. The total length of the numbers have to be 7 digits starting with 4 and a couple of zeros so the total length is 7 digits. For the brandmeister network you can keep your normal TG ID's.

Example of talkgroup ID's you need to program for TGIF

TGIF ID	Talkgroup in Radio
59973	4059973
114	4000114