

dsd running on OS X

DMR, P25 and lots more

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github.com/zendata/SDR

supported formats

- ✦ P25 phase 1
- ✦ ProVoice
- ✦ X2-TDMA
- ✦ DMR/MOTOTBRO
- ✦ NXDN
- ✦ D-STAR

dsd requirements

- ✦ cmake
- ✦ mbelib
- ✦ sndfile (libsndfile)
- ✦ itpp (TP++) ≥ 4.3
- ✦ portaudio

mac ports

- ✦ cmake 3.10.3_0
- ✦ libsndfile 1.0.28_0
- ✦ portaudio 19.20140130_2
- ✦ itpp 4.2.0

first issue

- ✦ mac ports itpp 4.2.0 does not allow dsd to compile
- ✦ uninstall itpp port

install IT++ (itpp)

```
wget -O itpp-latest.tar.bz2 http://sourceforge.net/  
projects/itpp/files/latest/download?source=files
```

```
tar xjf itpp-latest.tar.bz2  
cd itpp-  
mkdir build && cd build  
cmake ..  
make -j`nproc`  
sudo make install
```


install mbelib

<https://github.com/szechyjs/mbelib.git>

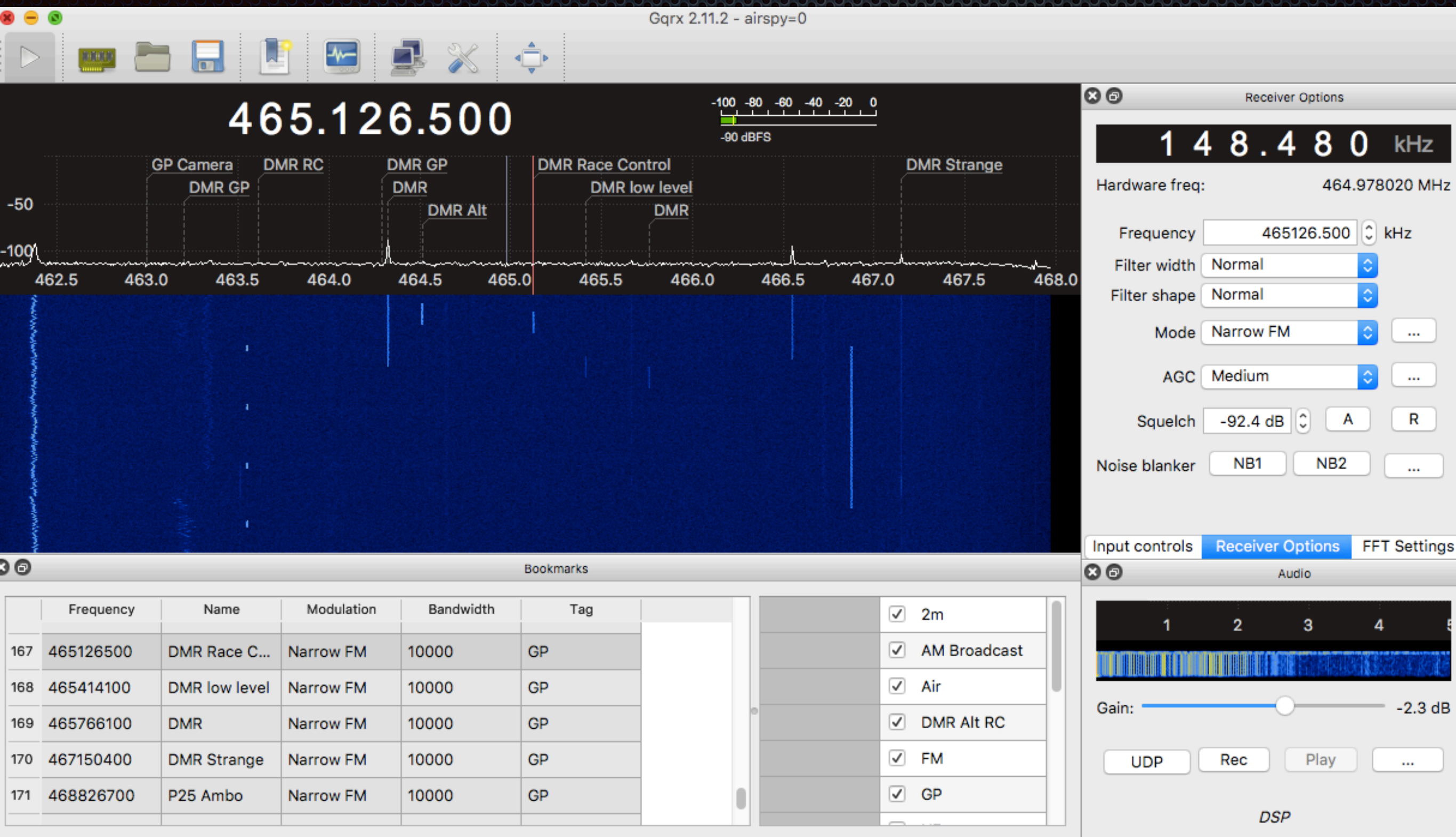
```
git clone https://github.com/szechyjs/mbelib.git
```

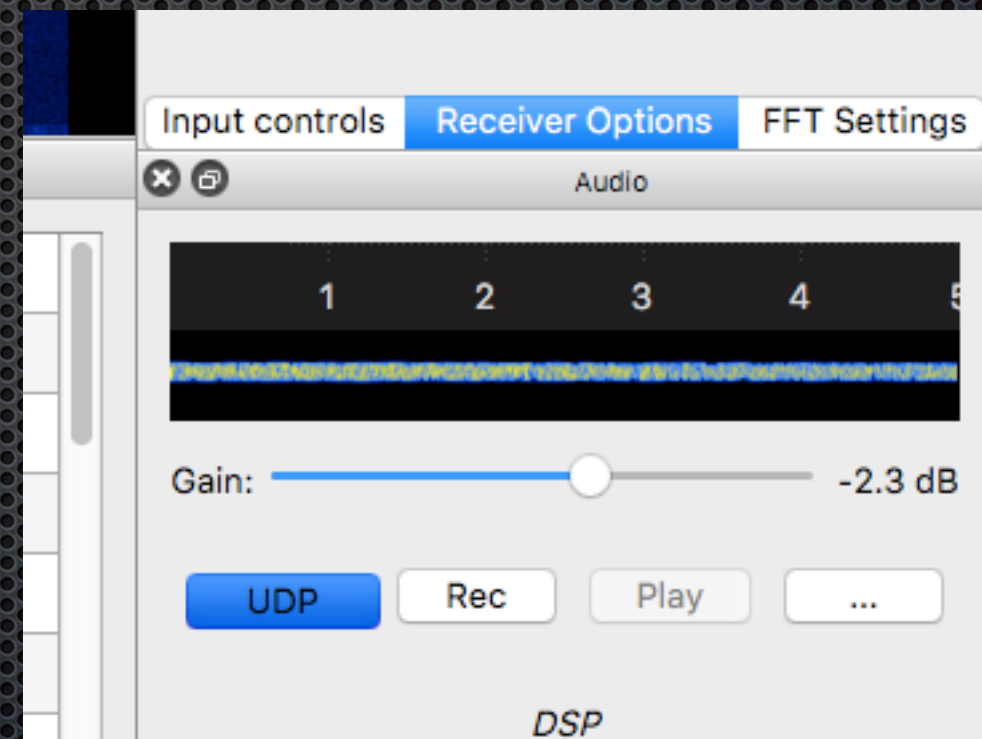
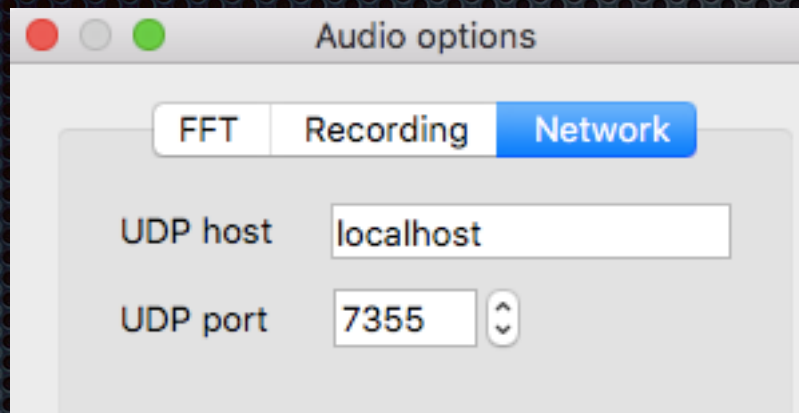
cd mbelib	# Move into source folder
mkdir build	# Create build directory
cd build	# Move to build directory
cmake ..	# Create Makefile for current system
make	# Compiles the library
sudo make install	# Library is installed into computer

build dsd

```
git clone https://github.com/szechyjs/dsd.git
```

```
cd dsd  
mkdir build  
cd build  
cmake ..  
make  
sudo make install
```



pipe audio over UDP into dsd

```
nc -l -u localhost 7355 | dsd -i - -o pa:1
```


[illegible]

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