

How to use chirp with Guohetec PMR-171 - Q900.

1st Installation of softwares :

Chirp is a very nice software to manage memories with a lot of transceiver , Baofeng ,Quansheng , Yaesu , Zastone ,etc . It have also the possibility to load module like pmr171.py i'm writing to extend the possibility of this software.

It works on Windows, Linux and MAC .

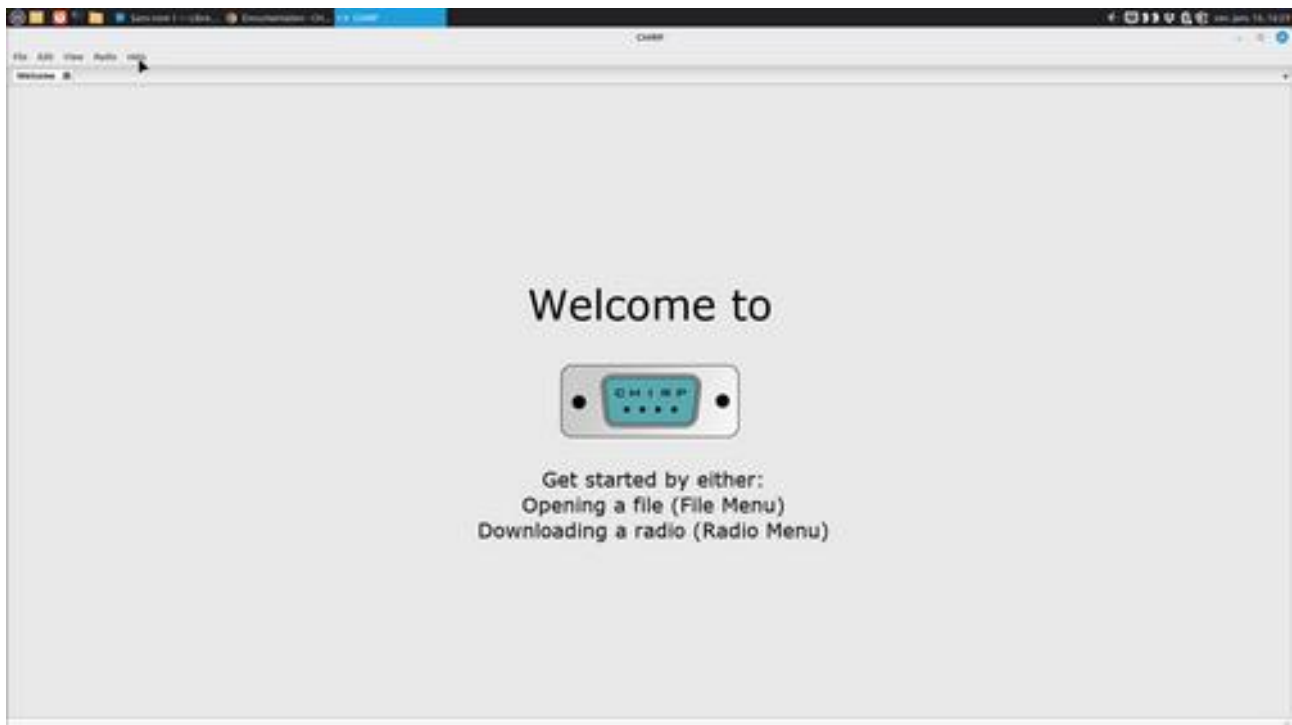
1st/ If you are on windows you need to downlod and install the « driver » cable for PMR171 from this link : <https://pmo41839d-pic1.ysjanzhan.cn/upload/hzby.zip> (not needed on Linux and Mac)

2nd/ Then you have to download and install chirp software

(there is different versions depending of os , windows , linux or MAC , please refer to documentation at <https://chirpmyradio.com/projects/chirp/wiki/Documentation> you will find all information on how to install it on other OS, Linux and Mac)

download from this link : https://archive.chirpmyradio.com/chirp_next/next-20260116/

when you have installed chirp , **open it** and you will see a screen like this one :



3/ You have to go to **Help** , then activate « **Developer Mode** » eventually go to **view** and **language** if you want it on your regional language . Then you have to **close and re open chirp software** .

4/ Now you have to download **pmr171.py.zip** from this site
<http://rrf.f5nlg.ovh:8080/RRFDepot/GuoHetec/pmr171.py.zip>

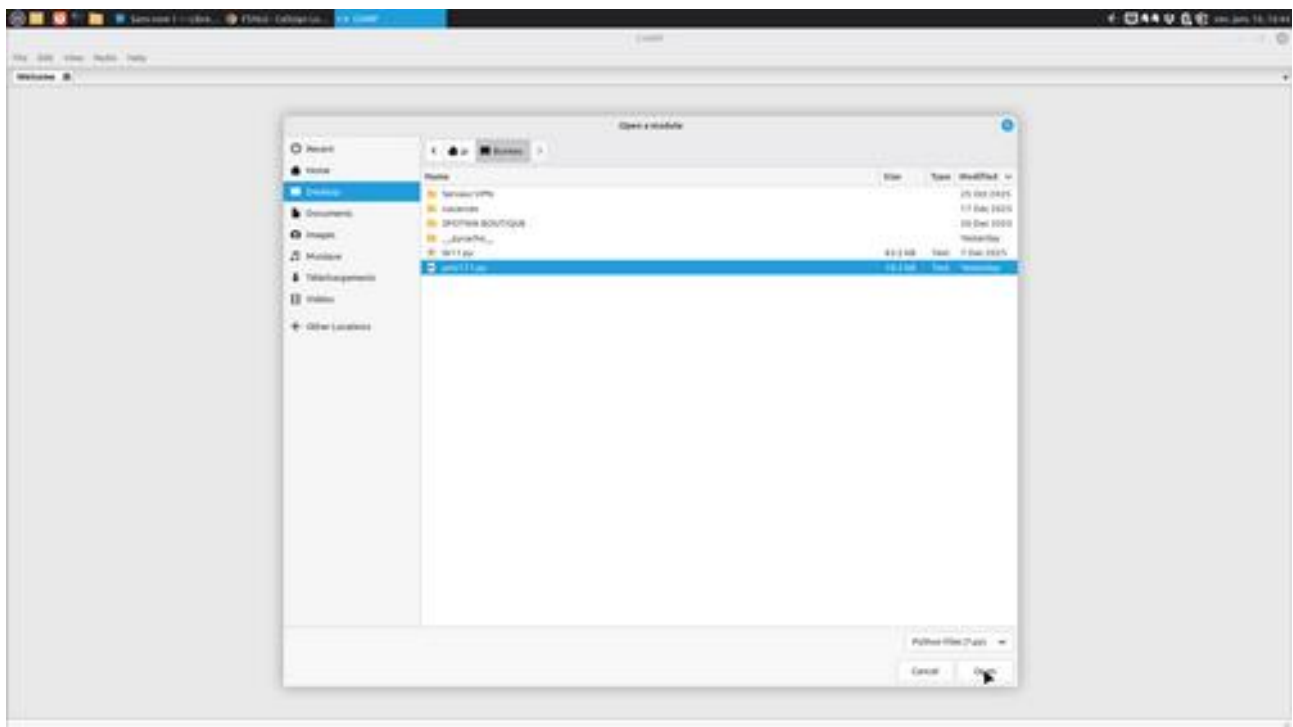
or from my dropbox :

<https://www.dropbox.com/scl/fi/jm5ttqjgh4bv7c9pfseot/pmr171.py.zip?rlkey=jrckc53v8q09yqosssxnl3zggq&st=mu6hbdw0&dl=0>

then unzip it on Desktop .

Manage Memories :

On chirp software you have to go on **file** then **Load Module ...** search **pmr171.py** then **open**



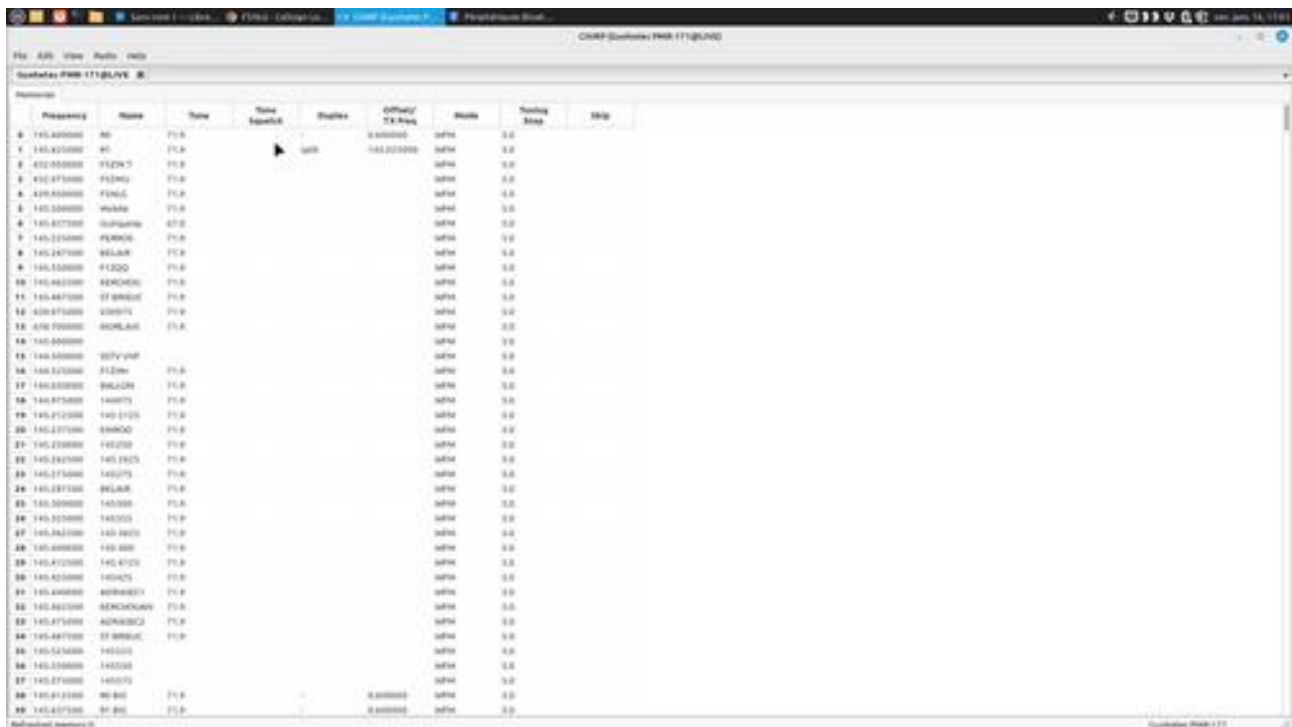
Connect USBC cable and batterie or a 13,8v power suply ont the back of PMR171 radio and USB port on the computer , start the radio .

On Chirp software go to **radio** then **download from radio** and select the right com port , **Guohetec** as vendor and **PMR-171** as Model.



On Linux it's ttyACM0 on windows **COM4 COM5 or COM6** refer to device manager .

Now you can download and manage memories on GuoHetec PMR171 .



Then click on **OK** All memories stored on your PMR-171 appears on software . It takes a little time , there is 1000 memories on this radio .

Then you can change, modify add memories as you want . It's like any calc or Excell program .

You don't need to do upload to radio, this radio is a LIVE radio for memories managing , when a memorie is add or modify , it's also do on the radio directly.

You can save your memories chart on a .CSV file for save it or share it .

You can also import memories from an other Transceiver or walkie talkie .

A/ For saving uour memories chart on PC : do **File** then **Export to CSV**

B/ For import memories from an other radio : do **File** then **Import from file**

Important Remark , every time you want to access PMR-171 memories you have to do as we do on part « manage memories «

Hope you enjoy working memories on your Guohetec PMR-171 radio.

NB : on Linux it's possible to manage Chirp on bluetooth choose rfcomm0 as com port , maybe on Windows nd Mac but i haven't tried yet .