

## Getting and Using the RT-490 Module with Chirp

- Chirp is free user supported ham radio programming software (requires the Baofeng K-style type programming cable (on Amazon, search for “*Baofeng programming cable*”))
- Using Chirp it is possible to save and apply multiple collections of frequencies and repeaters. Chirp also makes it possible to move frequency collections between radios without the need to re-key all the channels.
- Chirp makes it possible to easily manage a Group of Radios by doing the setup for a master radio, uploading the configuration to a group of radios and then simply changing 2 menu options on each radio to set the unique identifier.
- Download free Chirp software and also download the Chirp load module **RT-490.py**. With Chirp installed and the RT-490.py module loaded, Raddtel RT-490 is now one of the selectable models.
- In early 2022, Raddtel provided equipment and tech support to a CHIRP volunteer developer and tester team. With testing completed May 2022, the FINAL code set was submitted to Chirp as required for publication. Two files were made available to the CHIRP publishers.

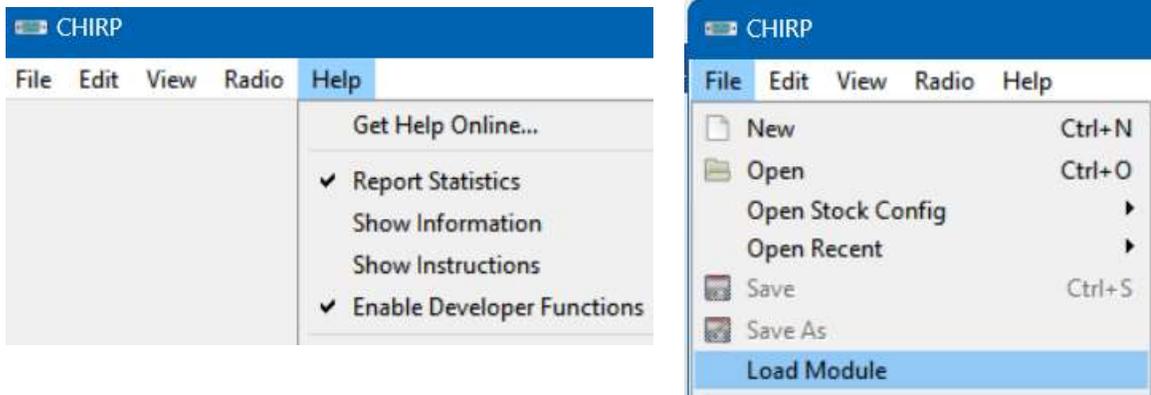
#1 File (**rt490.patch**) is not usable by an end user. It is compile code useful only to the CHIRP publishing team for use at a future date when the RT-490 code is inserted into the “Daily” Chirp release.

File #2 (**rt490.py**) is the pre-release RT-490 plugin that allows an RT-490 user to insert RT-490 functions into the current Chirp Daily release and enjoy benefits without needed to wait.

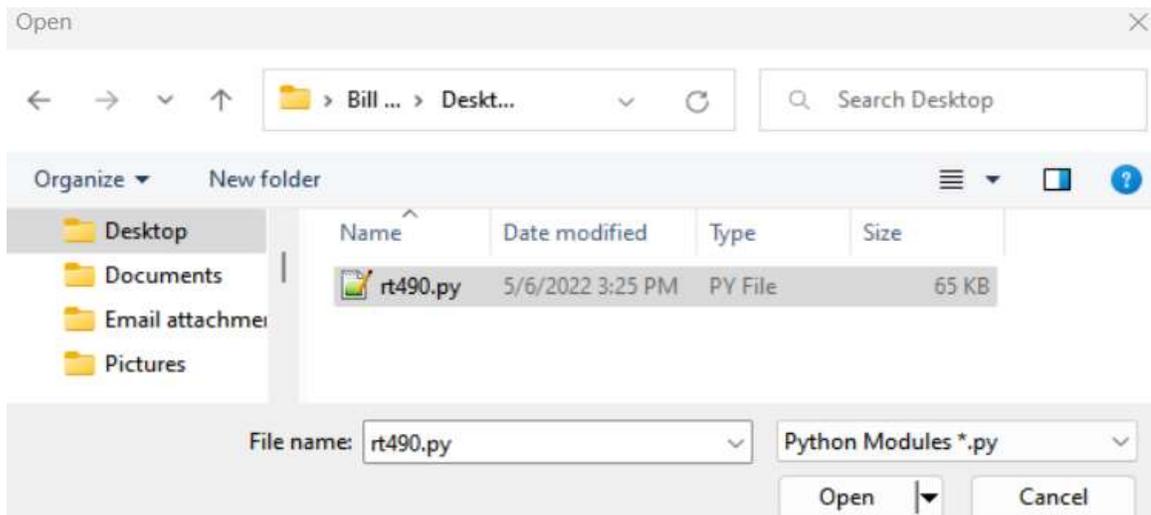
- <https://chirp.danplanet.com/attachments/7833/rt490.py>  
*Pay attention to file save location so you can find it to load.*

*Important Note: This file **rt490.py** can be read and edited with a text editor but be aware some editors change file attributes and the file can become unusable to Chirp. Therefore, download and save a master copy for yourself. If you want to peek at the code, go ahead, just be aware a save over may damage the usability.*

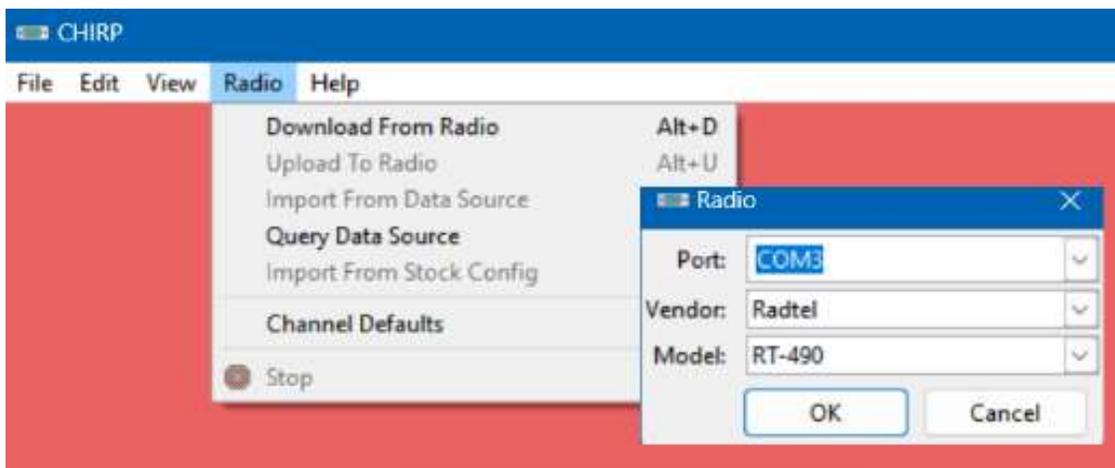
- To use rt490.py, follow these steps:
  - Load Chirp and under Help menu “*Enable Developer Functions*”
  - With Chirp loaded, under File menu “*Load Module*”



- File explorer opens, then *select rt490.py*, click ‘Open’



- When module loads, the Chirp screen turns Red (this is normal).



- With the radio plugged in using the K-style programming cable, Select from the Chirp menu “[Radio](#)”, “[Download from Radio](#)” then from the pop up, enter the [Com port](#) you are using, from the drop down select “[Radtel](#)”, finally select “[RT-490](#)”

