

How to use *CHIRP* to load a template into your radio

1. **Download and install CHIRP from <https://chirp.danplanet.com/>**

2. **Connect your PC to your radio using a USB cable equipped with an FT232RL Chip.**
 - a. Custom cables can be purchased from Valley Enterprises <https://www.valley-ent.com/store/two-way-radio/programming-cables>
 - b. Plug the cable into your PC, Windows will install the drivers and assign a Com Port number.
 - c. To find the assigned Com Port number
 - i. Click the *Start Orb*
 - ii. In the search window, type *devmgmt.msc* and hit enter
 - iii. Expand *Ports (COM & LPT)*
 - iv. Note the number of the Com Port assigned to your cable

3. **Launch *CHIRP***

4. **Connect to the radio and read the memory locations**
 - a. Click *Radio* and then *Download from Radio*
 - b. Select *Com Port*, *Vendor* and *Model* then click *OK*
 - c. Follow the instructions on the Screen
 - d. Wait until all radio memories have been read

5. **Delete the current programming**
 - a. Highlight all memory locations that are currently programmed (Ctrl-A)
 - b. Right-click and choose *Delete these memories*
 - c. Wait until all memory locations have been erased
 - d. Scroll back to the top and select row 1

6. **Import a Template and write it to the radio**

- a. Click *File*, then click *Import*
- b. Locate and double-click the file you want to import
- c. Wait for the file to be completely imported
- d. If this is a Kenwood Radio, skip to step h
- e. Click *Radio*, then *Upload to Radio*
- f. Click *OK*
- g. Follow the instructions on the screen
- h. When all memory locations have been written, close *CHIRP*