

# How to Program a Two-Way Radio Using a .csv file with the CHIRP Program

## Start

1. Start the CHIRP program ([CHIRP website](#)).
2. Connect the adaptor cable to the radio.
3. Switch on the radio.
4. Set the volume to max.
5. Connect the USB connector to the computer.

## Download the existing frequencies now in the radio.

1. >Menu > Radio > Download from Radio.
2. >Select the com port  
There may be only one port or several  
Typically, the program locates the active port for that radio, but not always.  
If not, you may need to try different ports until one works.
3. > Select the Vendor for your radio.
4. > Select the Model number for your radio.  
If your selection does not work, try another model number by using this cross-reference chart from CHIRP: [HERE](#).  
Typically, there are several variations for a given model number and you may need to try several models until one works correctly.
5. > Press OK and wait for the download (cloning) process to finish.  
Text boxes or instruction boxes may appear >Yes or OK.  
The screen should display the settings now in the radio.

## Save existing frequencies as an image file in case you later need to refer to a working image file.

1. >File > Save As (Select folder).
2. > Save > The File Name will populate with the model number and current date.

## Erase the existing band plan from the screen.

1. Position the cursor over any cell on the screen and select that cell.
2. Press > CTRL-A (This should highlight all cells).
3. Press > Delete key (This should zero out all cells).

## Import new data from your \*.csv file.

(Note: when you create a new \*.csv file using Excel, be sure to save it using \*.csv for your PC, (Macintosh or MS-DOS).

1. >Menu > File > Import.  
Navigate to the folder containing your (name).csv file and select that file.
2. > Open > OK on the "Import from File" screen.  
This should fill the screen with the new band plan.

## Upload this imported band plan to the radio.

1. >Radio > Upload to Radio.  
The correct settings for you radio should already be selected on this screen.
2. > OK (Wait for the upload to finish).
3. >Yes or OK to any text boxes.

4. > Switch off the radio and disconnect the cable.

**Done** Verify operation is as you expected.

Here are a few cross references.

Radio	Model	CHIRP Designator
Baofeng	GT-3TP	BF-F8HP
Baofeng	UV827W	UV-82HP
Leixen	V V-898	V V-898
Baofeng	BF-F8	UV-5R
Baofeng	UV-5RE	UV-5R
TYT	TH-8600	None
TYT	TH-9800	TH-9800
Baofeng	UV-5R	UV-5X
Baofeng	UV-5R	BF-F8HP