

# How to Program a Two-Way Radio

## Using a (name).csv file with the CHIRP Program

### **Start**

1. Start the CHIRP program
2. Connect the adaptor cable to the radio
3. Switch on the radio
4. Set the volume to max (Not always required)
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  
Typically there are several variations for a given model number  
and you may need to try different models until one works correctly.  
On page two is a small cross-reference from our first-hand experience.
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 a (name).csv file

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

		CHIRP
Radio	Model	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	
TYT	TH-9800	TH-9800
Baofeng	UV-5R	UV-5X