## Anytone Codeplug Builder

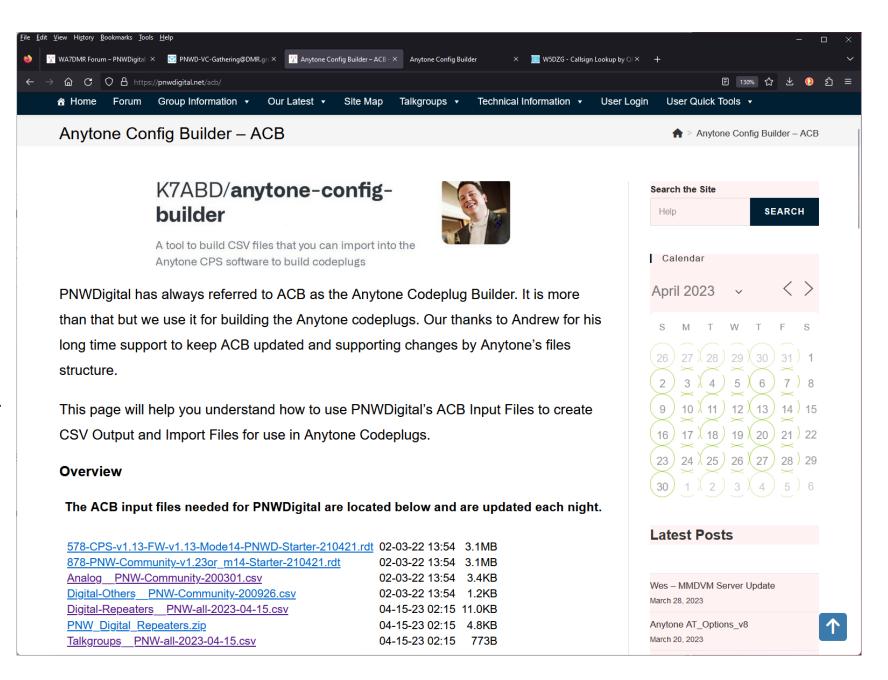
Using the ACB tool to create import files for the Anytone series of radio's using system generated input files. This will create a set of CSV files suitable for importing into the Anytone CPS program and loading into the radio's.

The Anytone Codeplug Builder starting page is at: https://pnwdigital.net/acb

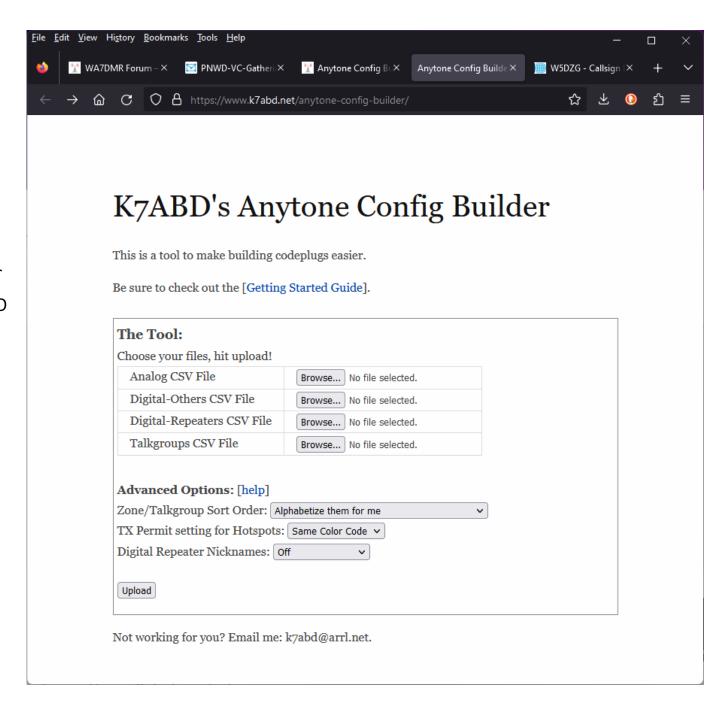
The available files are:

- Sample codeplugs
- Analog sample file
- Digital-Others sample file
- Digital-Repeaters daily file
- Talkgroups daily file
- ZIP file of the above 4 files

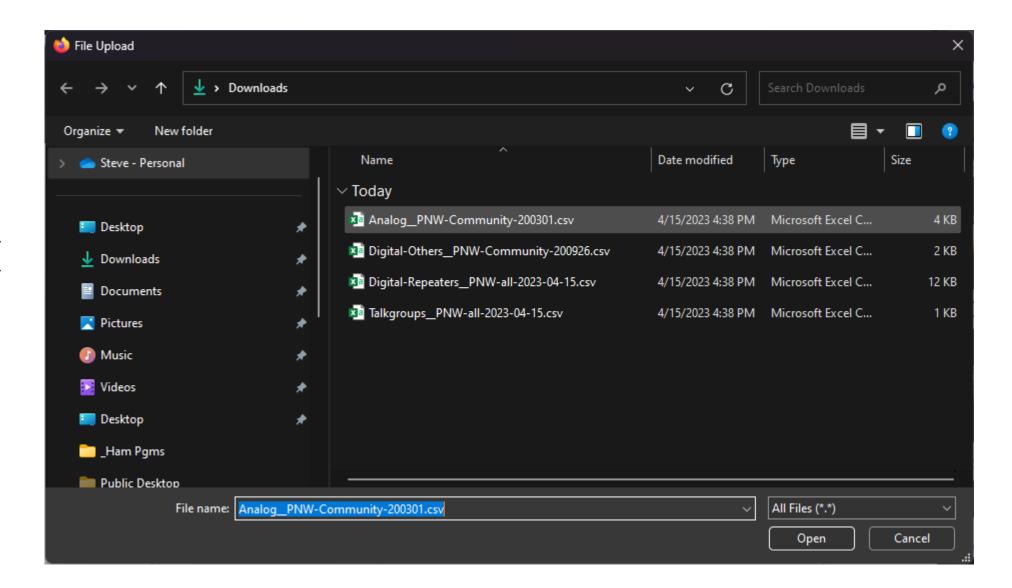
Download the files that you desire. Once you have built your own Analog and Digital-Others files then you will only need the two daily files for later runs of the tool. If the Digital-Others file contains extra Talkgroups these must be entered into the Talkgroups.csv file.



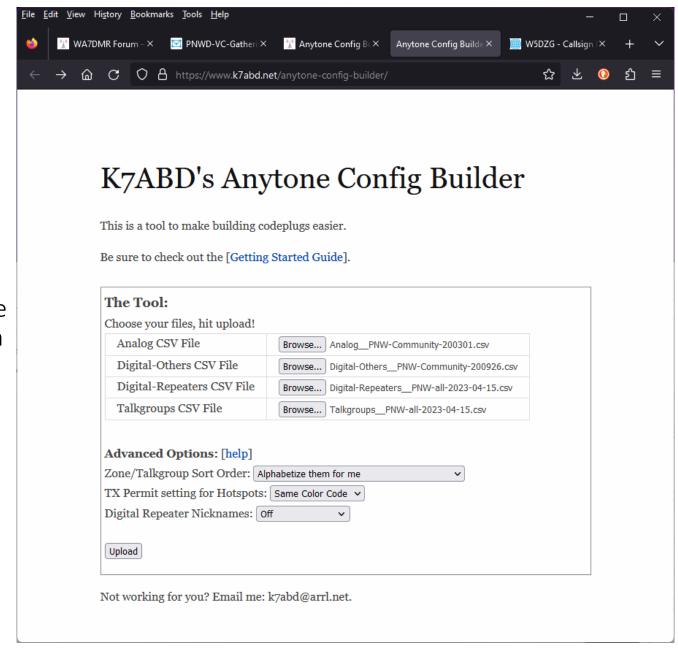
The Anytone Codeplug Builder starting page is a simple GUI to select the required files for each entry. Click on the "Browse" button and select your files.



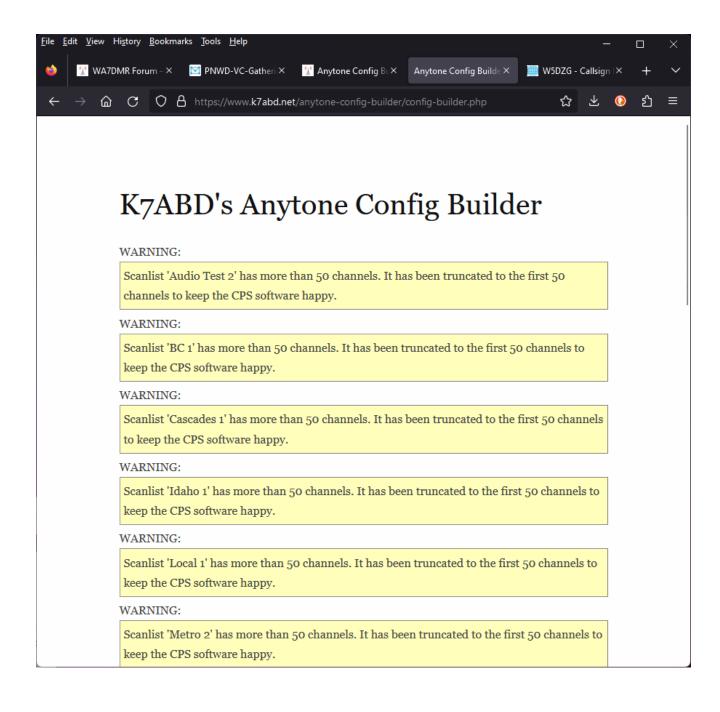
Navigate to your chosen directory for file downloads. You will return to this page 4 times to collect the required files for the form on the previous page.



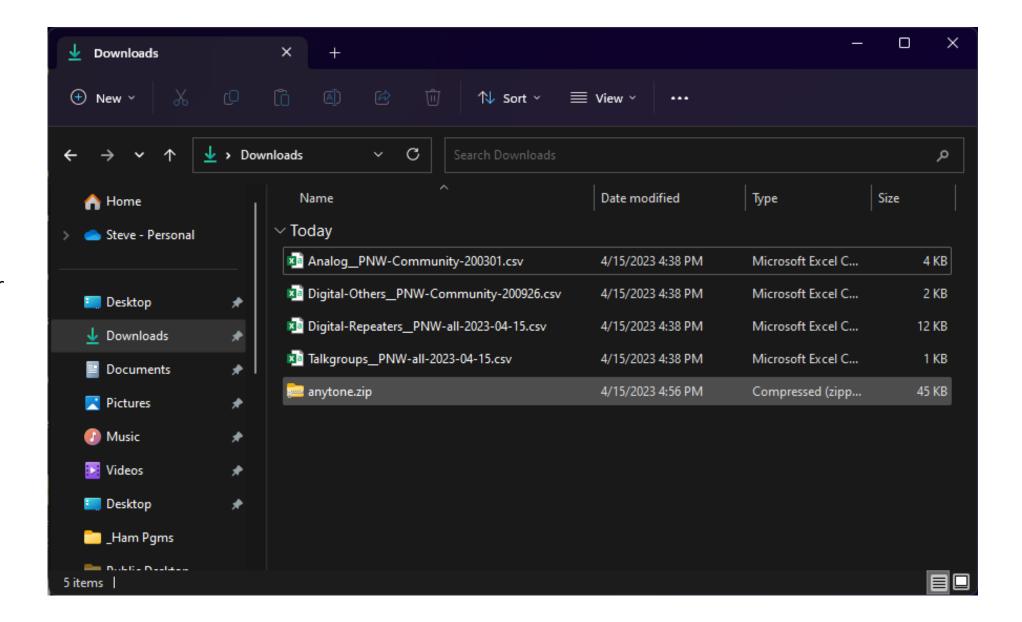
The form shown with all files selected. Select the appropriate Advanced Options then click on the "Upload" button.



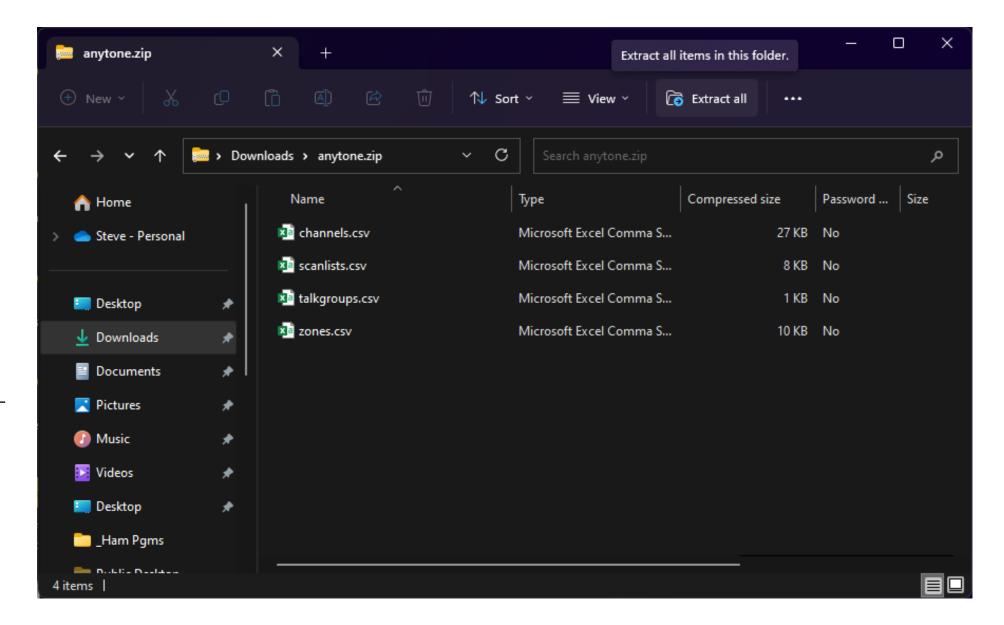
The WARNING messages are due to there being more than 50 channels (zones) for each Talkgroup. This is not fatal.



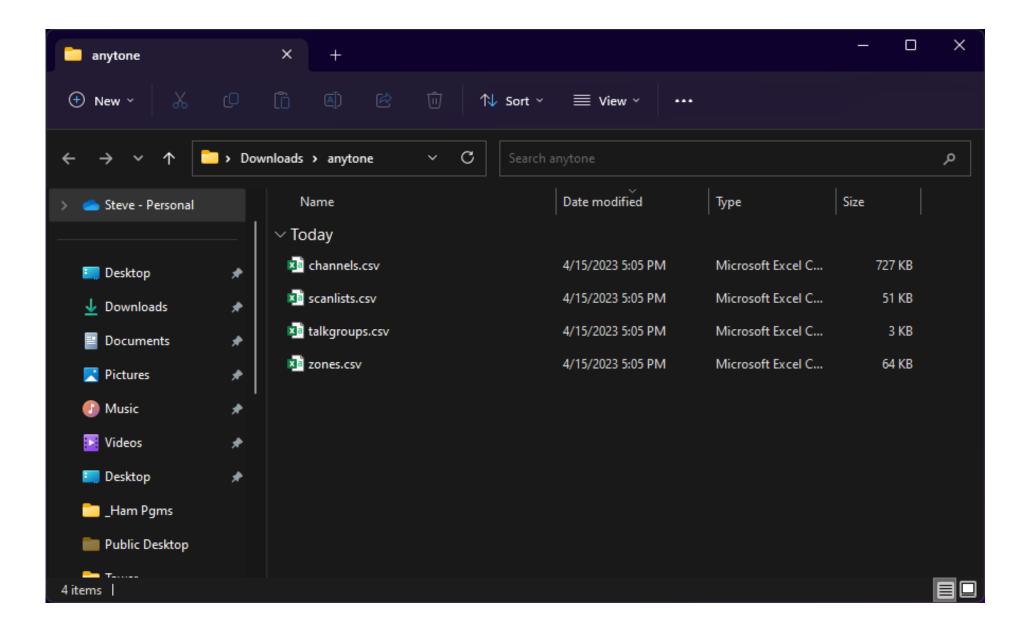
Navigate to your chosen directory for file downloads. There should be a new file called "anytone.zip" in there.



Double-click the file called "anytone.zip" and click on the top Menu bar to "Extract All" into a new folder in your chosen download directory.



You should now be presented with a folder showing the four input files for the Anytone CPS.



Open the Anytone CPS software using one of the starter codeplugs or a known working codeplug.

D578UV	No.	Receive Frequency	Transmit Frequency	Channel Type	Power	Band Width	CTCSS/DCS Decode	CTCSS/DCS Encode	Channel Name	Contact	Radio ID
⊡ Common Setting     Channel	1	145.79000	145.79000	D-Digital	High	12.5K	Off	Off	Sim V01 145.790	Simplex 99	N9VW
Zone	2	145.51000	145.51000	D-Digital	High	12.5K	Off	Off	Sim V02 145.510	Simplex 99	N9VW
Scan List	3	441.00000	441.00000	D-Digital	High	12.5K	Off	Off	Sim U01 441.000	Simplex 99	N9VW
Roaming Channel	4	446.50000	446.50000	D-Digital	High	12.5K	Off	Off	Sim U02 446.5	Simplex 99	N9VW
Roaming Chairnel Roaming Zone Roaming Zone Roaming Zone Roaming Zone Roaming Zone Roaming	5	446.07500	446.07500	D-Digital	High	12.5K	Off	Off	Sim U03 446.075	Simplex 99	N9VW
	6	433.45000	433.45000	D-Digital	High	12.5K	Off	Off	Sim U04 433.45	Simplex 99	N9VW
	7	430.41250	430.41250	D-Digital	Low	12.5K	Off	Off	Sim U05 4304125	Simplex 99	N9VW
	8	439.41250	439.41250	D-Digital	Low	12.5K	Off	Off	Sim U06 4394125	Simplex 99	N9VW
	9	430.42500	430.42500	D-Digital	Low	12.5K	Off	Off	Sim U07 430.425	Simplex 99	N9VW
	10	439.42500	439.42500	D-Digital	Low	12.5K	Off	Off	Sim U08 439.425	Simplex 99	N9VW
	11	430.43750	439.43750	D-Digital	Low	12.5K	Off	Off	Rpt U09 430.4375	Simplex 99	N9VW
	12	430.45000	439.45000	D-Digital	Low	12.5K	Off	Off	Rpt U10 430.450	Local 1	N9VW
	13	430.46250	439.46250	D-Digital	Low	12.5K	Off	Off	Rpt U11 430.4625	Local 1	N9VW
	14	430.47500	439.47500	D-Digital	Low	12.5K	Off	Off	Rpt U12 430.475	Local 1	N9VW
	15	147.41250	146.41250	D-Digital	High	12.5K	Off	Off	Audio Test 2 ARA	Audio Test 2	N9VW
	16	147.41250	146.41250	D-Digital	High	12.5K	Off	Off	Cascades 1 ARA	Cascades 1	N9VW
	17	147.41250	146.41250	D-Digital	High	12.5K	Off	Off	Local 1 ARA	Local 1	N9VW
	18	147.41250	146.41250	D-Digital	High	12.5K	Off	Off	Metro 2 ARA	Metro 2	N9VW
	19	147.41250	146.41250	D-Digital	High	12.5K	Off	Off	Oregon 1 ARA	Oregon 1	N9VW
	20	147.41250	146.41250	D-Digital	High	12.5K	Off	Off	Parrot 1 ARA	Parrot 1	N9VW
	21	147.41250	146.41250	D-Digital	High	12.5K	Off	Off	PNW 1 ARA	PNW 1	N9VW
	22	147.41250	146.41250	D-Digital	High	12.5K	Off	Off	PNW 2 ARA	PNW 2	N9VW
	23	147.41250	146.41250	D-Digital	High	12.5K	Off	Off	PNW Rgnl 2 ARA	PNW Rgnl 2	N9VW
	24	147.41250	146.41250	D-Digital	High	12.5K	Off	Off	TAC 1-2 ARA	TAC 1-2	N9VW
	25		*** *****	55.41		10.514	0.7	0.7	T1000101	T	1101.011
D.C.TOLINA											

D578UV[D578UV:UHF{Rx(400 - 480 MHz) Tx(420 - 450 MHz)} MHF{Rx(220 - 225 MHz) Tx(222 - 225 MHz)} VHF{Rx(136 - 174 MHz) Tx(144 - 148MHz)}][:d:\Users\steve\Documents\Anytone...

## -D578UV

List Channel

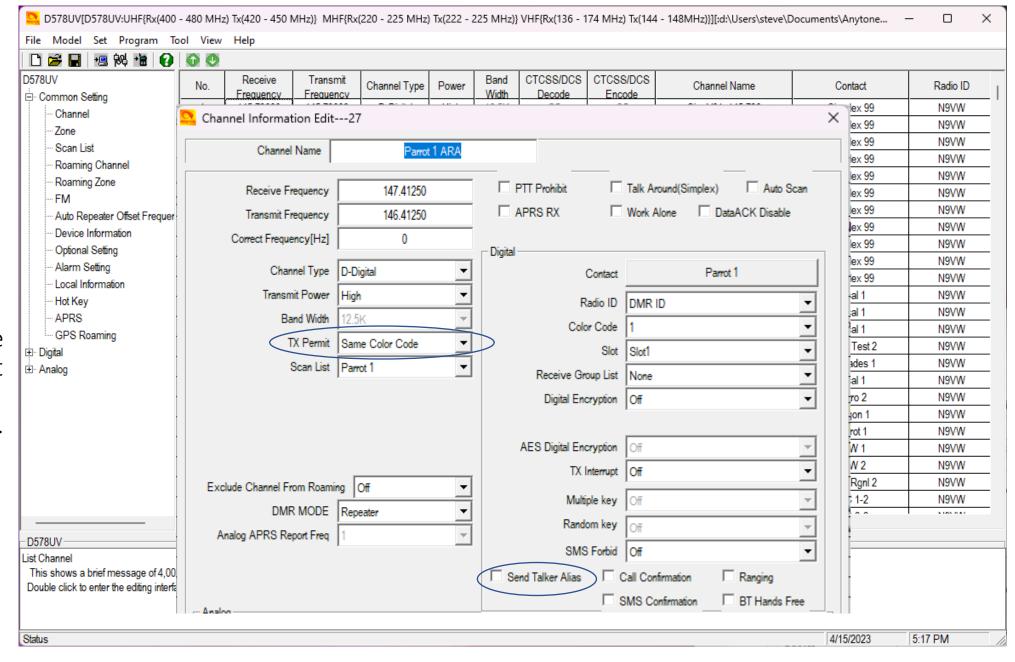
This shows a brief message of 4,002 channels (Analog and Digital)(4000 Normal channels + VFO A Channel + VFO B Channel)

Double click to enter the editing interface

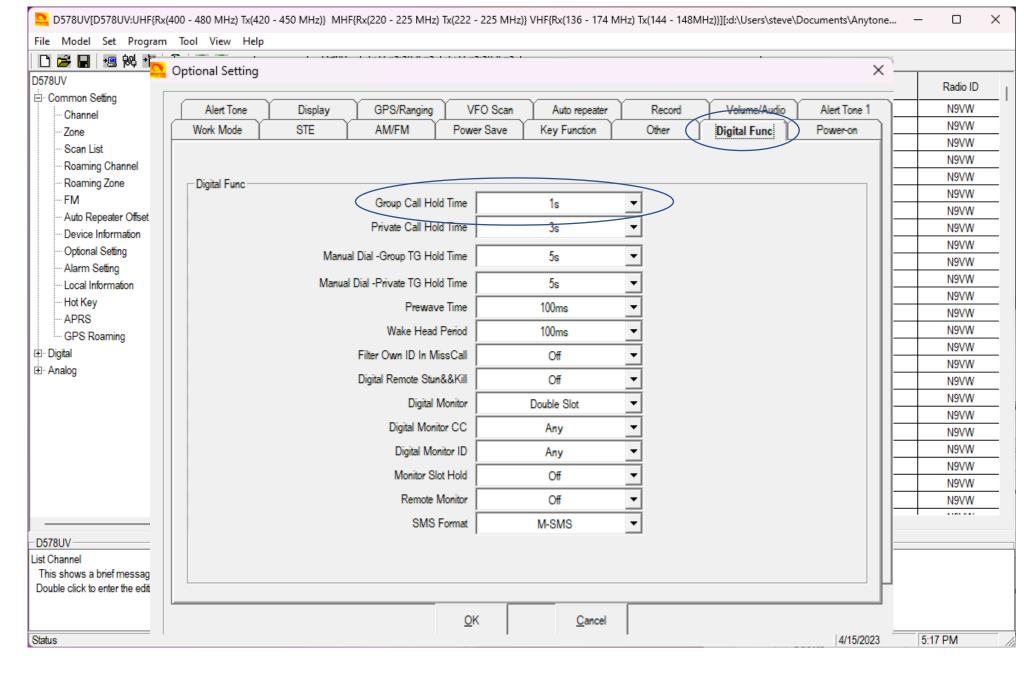
File Model Set Program Tool View Help

Status 4/15/2023 5:17 PM

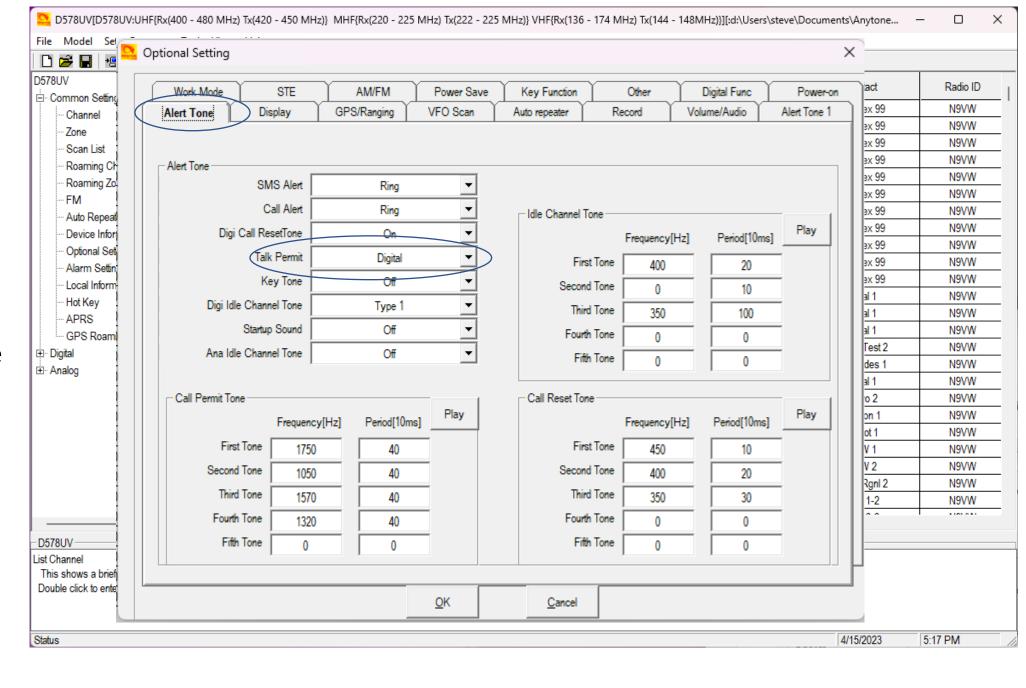
On the "channel information" verify that you have "TX Permit" set to "Same Color Code" and that the "Send Talker Alias" is not checked.



On the "Optional Setting" screen, "Digital Func" tab, Verify that you have "Group Call Hold Time" set to "1s".



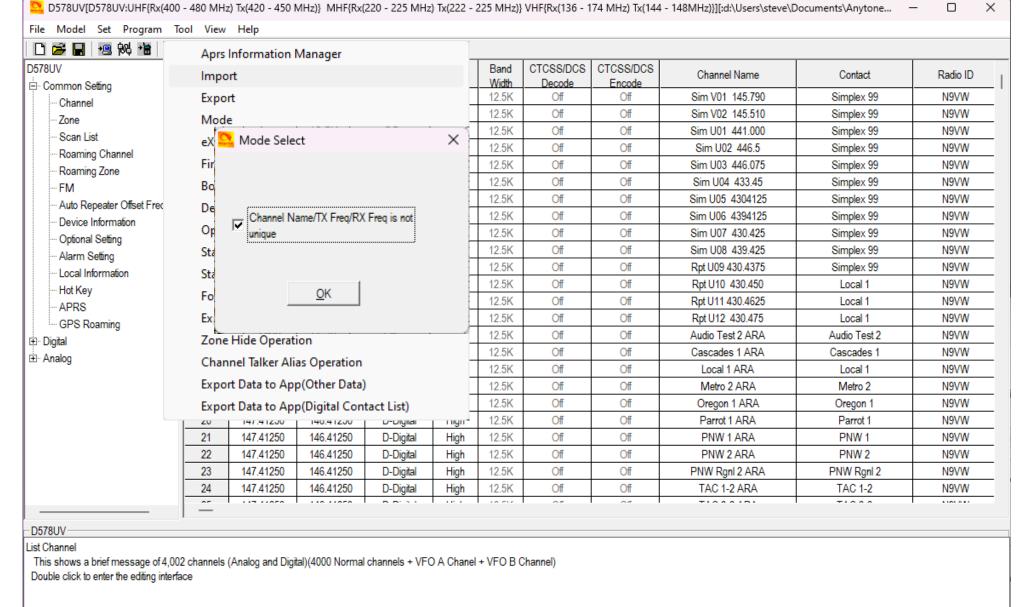
On the "Optional Setting" screen, "Alert Tone" tab, Verify that you have "Talk Permit" set to "Digital".



Open the Anytone CPS software using an existing codeplug

Click on the "Tool" menu bar and select "Mode". Ensure that the check box is checked.

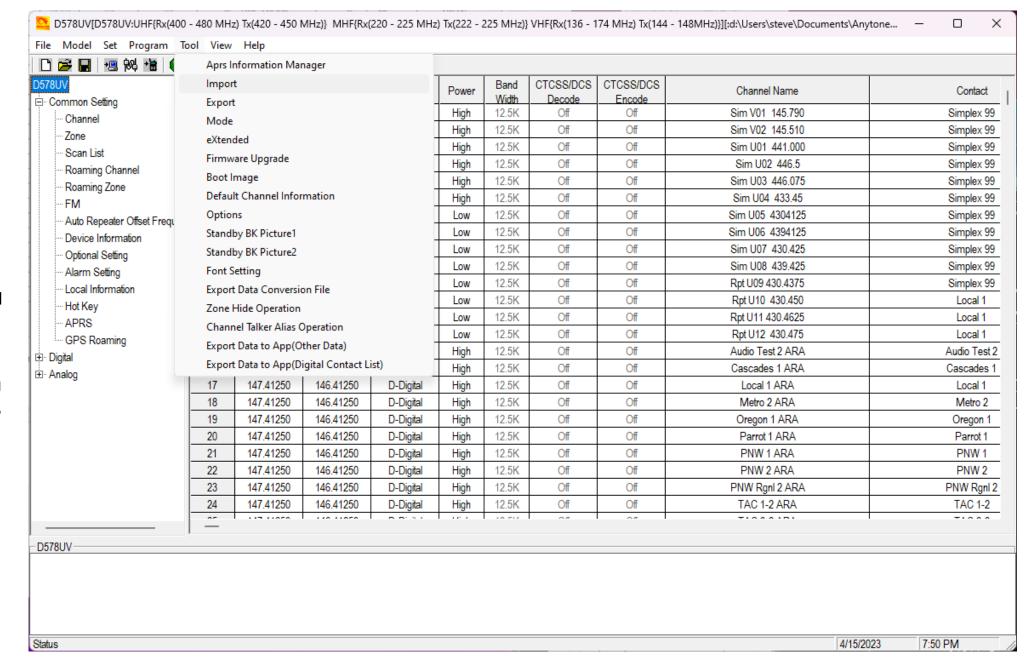
Status



4/15/2023

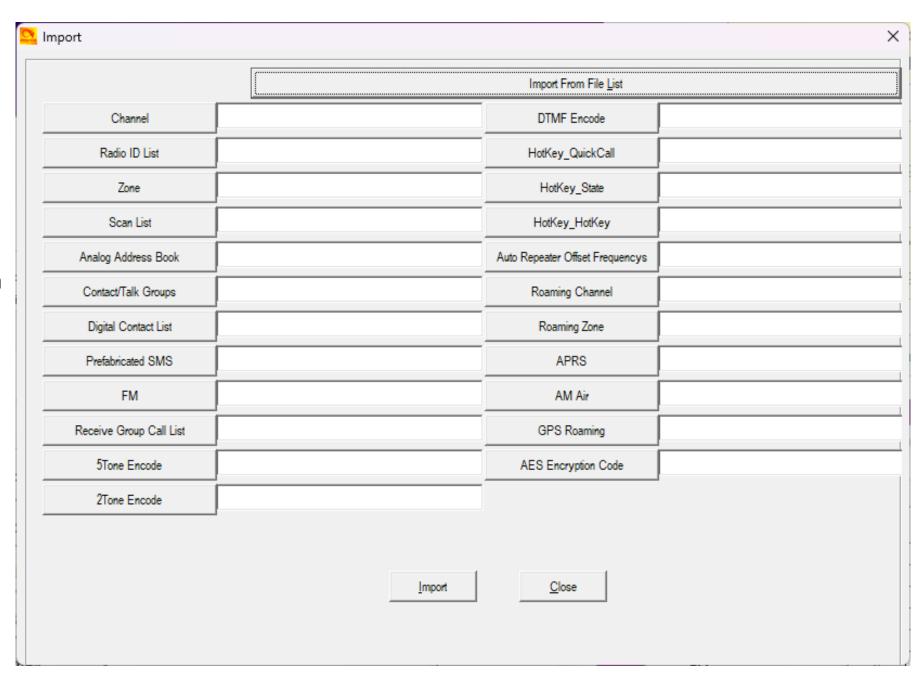
5:17 PM

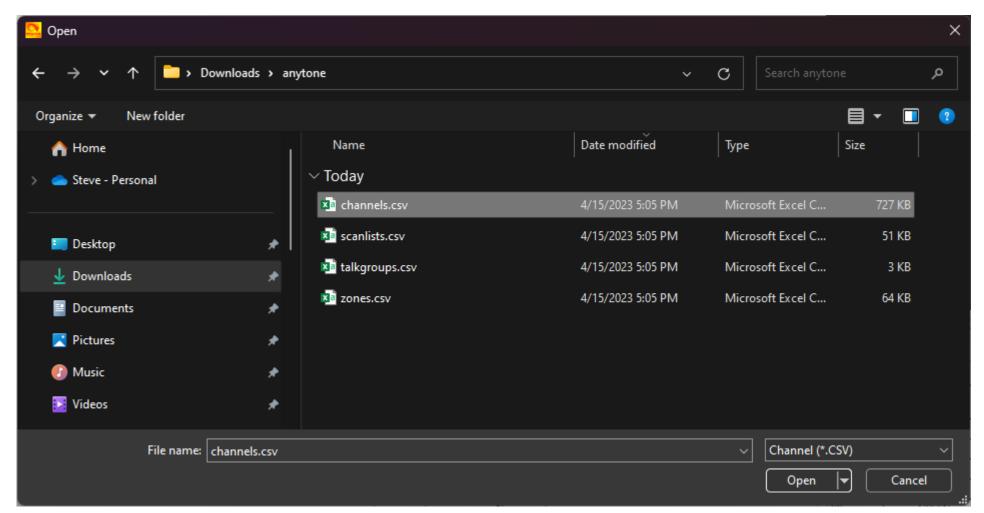
Click on the "Tool" button on the menu bar, select "Import" from the dropdown box. This will open a selection screen like the ACB GUI.



The blank Import form for the Anytone series radios. Click on each of the following to load the new data.

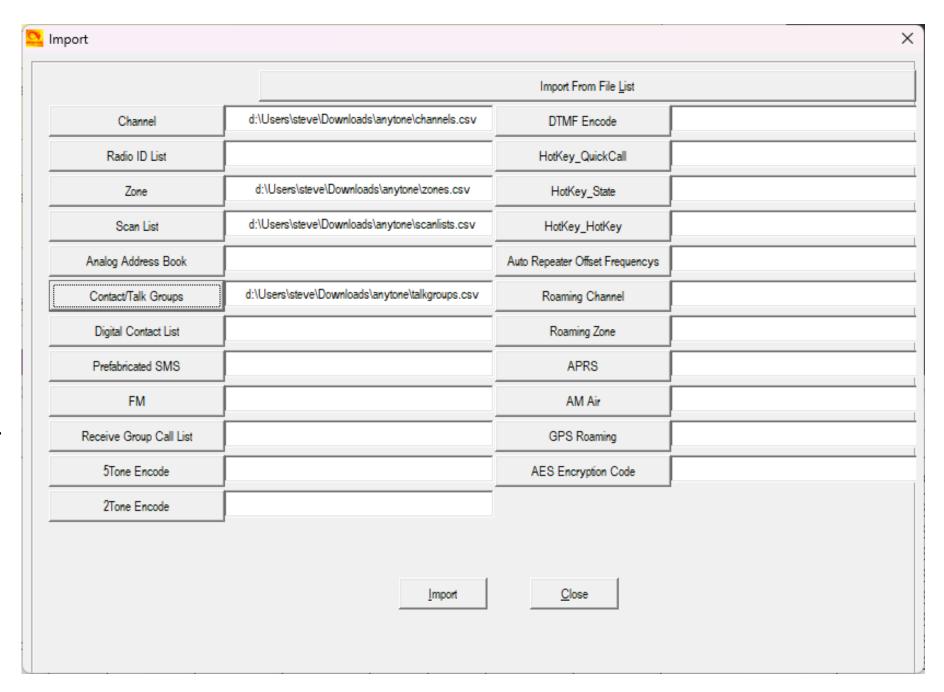
- Channel
- Zone
- Scan List
- Contact/Talk Grps



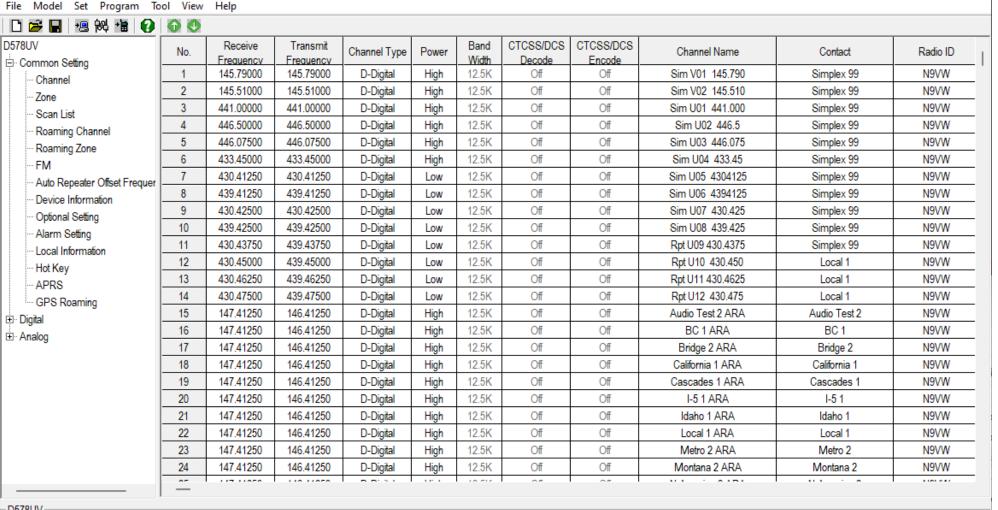


Select each of the four CSV files to fill in the previous screen.

The completed Import form for the Anytone series radios. Click on "Import" to load the CPS with the new channel information.



The codeplug is now ready to be written to the radio.



🔼 D578UV[D578UV:UHF{Rx(400 - 480 MHz) Tx(420 - 450 MHz)} MHF{Rx(220 - 225 MHz) Tx(222 - 225 MHz)} VHF{Rx(136 - 174 MHz) Tx(144 - 148MHz)}][:d:\Users\steve\Documents\Anytone... —

-D578UV

List Channel

This shows a brief message of 4,002 channels (Analog and Digital)(4000 Normal channels + VFO A Channel + VFO B Channel) Double click to enter the editing interface

4/15/2023 5:27 PM Status