CS7000 Codeplug Converter

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INTRODUCTION

The CS7000 Codeplug Converter helps you quickly get up and running on your CS7000 M17 radio.

What does this application do?

This application converts the Digital Contacts, Channels, and Zones from any Anytone codeplug into a format that can be imported into the CS7000 M17 CPS.

PRE-REQUISITES

The following are required pre-requisites in order to use this application.

- Anytone 878UVII Codeplug
- Anytone CPS software (Version 3.04 and above)
- Your DMR-ID
- CS7000 CPS application (Version 1.2.19.00BETA)
- CS7000 M17 Plus Radio (Firmware 9.00.93)
- CS7000 M17 Plus USB programming cable
- CS7000 Convert GUI

Obtaining the CS7000 Convert GUI

Download the software from the Releases section of the following GITHUB project:

https://github.com/VikingNation/CS7000_convert_gui

Un-zip the application into a folder. Create a short-cut to the executable and add it to your desktop.

CODEPLUG CONVERSION PROCEDURE

Step 1. Export your Anytone codeplug

Launch the Anytone 878UVII CPS application. Open the codeplug you wish to convert into the format for import into the CS7000. Now select, Tool => Export and click the button "Export All"

Next, navigate to a location and create a new folder to hold all of the CSV files that the Anytone CPS will export. Type the name of the .LST file. The LST file will contain the list of all of the CSV files. For example: your call-sign might be a good name. Click the save button.

Now you will be presented with a dialog box asking if you want to export. Click the YES button. You should receive a new dialog box stating the "Export is complete". Click the Ok button. Close or Minimize the Anytone CPS and proceed to Step 2.

Step 2. Create a blank CS7000 codeplug

Launch the Connect Systems CS7000 M17 CPS application. Click the "NEW" button and select "PORTABLE CS7000-M17 PLUS (400-512 MHz). Click the OK button. When prompted to confirm you want to create click the YES button.

Next, open the Conventional => Digital Common => Basic menu item. **TYPE YOUR DMR RADIO-ID in Radio-Id input box.** Verify your DMR-ID matches what you have registered in RadioID.net. After confirming click the CLOSE button at the bottom of the screen.

Minimize the CS7000 CPS. We will return to it after we convert the codeplug.

Step 3. Run the CS7000 convert GUI

Double-click the short-cut to launch the CS700 convert GUI. Note: If a Windows blue security warning appears select More information and click the button to continue to run the program.

After several seconds a splash screen will display. A dialog box will appear with a disclaimer and terms-of-use statement. If you agree to the terms click the Accept button and continue reading. If you do not agree click Reject and this ends the procedure.

Now, select the option on the Radio box to indicate if you want to just import Digital channels or both Digital and Analog channels from your Anytone codeplug. Click the button "Select Input Directory" and navigate to the folder where you output your Anytone CSV files. Click the "Select Directory" button.

Next, select if you want to include the stock Zones and Channels that come preloaded with the CS7000. Click "Include" radio button option if you want to include the default zones and channels. Your Anytone Zones and Channels will be added at the end of the default zones and channels. Click "Exclude" radio button option if you want to exclude the default zones and channels. In this case your Anytone Zones and Channels will overwrite the Zones and Channels in your radio and those positions will be replaced by your Zones and Channels.

Next you must select the "Method to populate the ID in the channel" The ID refers to the TalkGroup ID or the DMR-ID of your Contact. The Table method will use the name of the ID from your Anytone codeplug in the channel configuration. The Direct method will use the actual TalkGroup/DMR ID instead.

If you use the "Table" method your will need to import the CS000_contacts.xlsx file into the CPS. Note: this will overwrite any Contacts you already have in your code plug. If you use the 'Direct" method the application will not output a CS70000_contacts.xlsx file.

Next, click the "Select output directory" button and navigate to a folder where you want to store the output Excel spreadsheets that will be imported into the CS7000 CPS. Click the "Select Directory" button. **NOTE: if you select a directory that has already been used to export the application will overwrite the Excel spreadsheets.**

Finally, click the Convert Codeplug button to create the Excel files. Click the Exit button.

Step 4. Import the Excel sheets into the CS7000 CPS

It is imperative that you are following exact steps detailed below in the proper order. Failing to perform the steps in the correct order will result in not properly importing the code plug.

Unminimize the CS7000 CPS software.

Step 4.a Import the contacts

If you selected the "Table" method above you will have a CS7000_contacts.xlsx" spreadsheet to import. If you used the 'Direct" method above skip this step and go to 4.b.

In the CS7000 CPS software. Select Tools => Import Digital Contact. Navigate to the folder where you output the Excel spreadsheets in Step 3. Select the file called "CS7000_contacts.xlsx". Click the Open button. You should see a dialog box indicating the "Import Contact Successfully!" Now, press the OK button.

Step 4.b Import the channels

In the CS7000 CPS software select Tools=>Import Channels. Select "CS7000_channels.xlsx". Click the Open button. There will be a brief pause while the application imports the channels. You should see a dialog box indicating the "Import Channels Successfully!". Now, press the OK button.

Step 4.c Import the zones

We have reached the final step in the process. Select Tools=>Import Zones. Select "CS7000_zones.xlsx" Click the Open button. There will be a brief pause. You should see a dialog box indicating the "Import Zones Successfully!" Now, press the OK button.

Step 5. Save the code plug

Select File => Save and navigate to the folder where you want to save the code plug. Type the name of the code plug file. Select the save button.

THIS CONCLUDES THE CODEPLUG CONVESION PROCESS