

Getting Started With Your TYT MD-2017 – Revised 8/8/2017

It's not really that hard to get your MD-2017 up and running, but Tytera doesn't give you much help on what to do first. This is a brief guide on how to proceed if you're unfamiliar with DMR programming. Collecting all the files and software from various locations (and trying to decide which firmware file is right for you) is probably the most difficult thing. We hope we've made it a little easier by putting it all in one place on this website.

The latest version allows one to load 100,000 user contacts instead of 10,000. We have available a file with about 65,000 contacts in it, and it allows you to see, right on the display, the name, call and home location of almost everyone using DMR. To free up the added space needed in the radio's memory, Tytera deleted the "record" function, which had a clunky interface and was of limited appeal. That is the firmware we have on the website, with two different versions, one for radios with GPS, and one for without.

Three things need to be done in this order: 1) Load the latest firmware; 2) load the codeplug; 3) load the 65000 contacts.

Here are the steps:

1. Download the Zipped directory file and unzip it to your Windows machine. Run the installer for the firmware download utility and the CPS setup.
2. Run the firmware download utility. Under the heading "User Program", select the "Open file upgrade" button and navigate to the file, **TYT2017-UV (CSV) -V3.36.bin** for a non-GPS radio. Select the file.
3. Turn the radio off and connect the programming cable to the radio and computer. Hold down the PTT button as well as the red button on the top of the radio, and turn the radio on. Release the buttons when the top LED displays a slow red-green flash pattern.
4. Select the utility's "Download file of upgrade" button. The progress bar should start counting and should finally display a message indicating success. Turn the radio off and disconnect the USB cable, close the utility and reconnect the USB cable.
5. Run the CPS program. Turn the radio on. Under the "Program" menu, select "save" to save the "as shipped" codeplug to your computer.
6. Under the file menu, select "open" and navigate to the MD-2017 codeplug from this website, and load it.
7. Select general setting in CPS and change the items "Radio Name" and "Radio ID". This should be your name and the DMR ID you got after registering at the DMR-MARC website. *If you wish*, enter your name and callsign at "Intro Screen Line 1" and "Intro Screen Line 2". This will cause your name and call to display at bootup instead of the TYT logo.
8. Save the codeplug under a unique name. We suggest the name include the date in some form.
9. Under the program menu, select "Write Data" and "OK." The codeplug will upload into the radio and a message should indicate success. Cycle the power on the radio and you should be ready to select a channel and make a call.
10. To add the 65,000 contacts to the radio, you must have a version of Microsoft Excel on the computer, but it doesn't have to be open. Select "Write Contacts" under the Program menu in CPS. Select "Import" from the popup box. Navigate to and select the **65000newcontacts.csv** file. It will take a while to import and should give a message indicating success. Select "write" in the popup box to upload the contacts into the radio. Once again, it will take a while, and should indicate success when done. Cycle the power on the radio and you're done!

Note: If you can't communicate with the radio, you may need to install a USB driver. We've found that some systems already have a driver that works, but if not, three versions are included in the folder "USB Driver." However, we have not tested them. Good luck, but we have lots of Windows experts in the club if you need help.