

## [TyMD380ToolZ \(ANDROID APP\) by IV3NEC](#)

Today I would like to present you the APP written by KK4VCZ, DD4CR and KG5RKI for Android devices to upgrade the firmware (ONLY the Firmware) of our RETEVIS RT3 / RT8 and TYTERA MD380 / MD390 radios. (The latest version of KG5RKI MD380ToolZ will be loaded).

The App is NOT in the Google Play Store but you can download it ONLY from the FB DMRTRACK page created by Weaver Weaver. (KG5RKI)

**HERE is the Link to Download the APP:**

**<https://www.facebook.com/groups/DMRTrack/436410826733019/>**

Once you have downloaded the APP you can install it as usually on your Android Device ...

You can find it among your applications with this icon below.



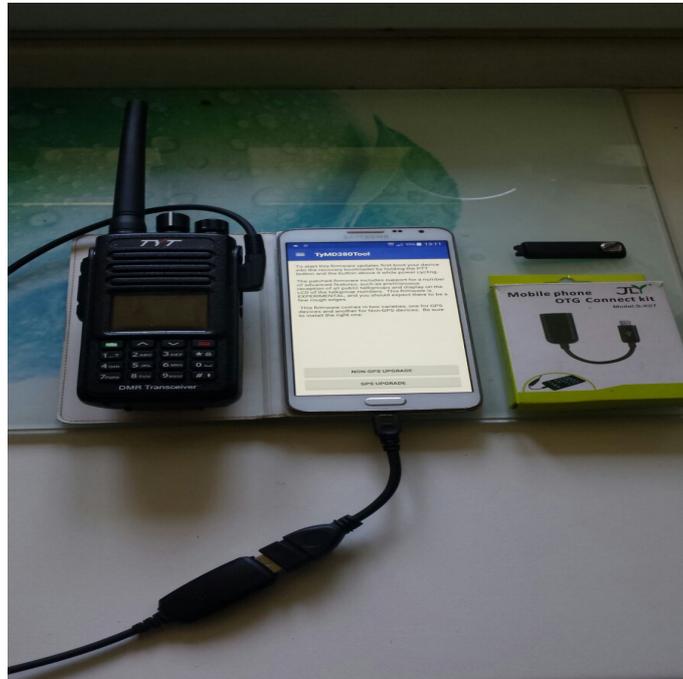
To upgrade the radio with the firmware besides of the APP you will need a special USB cable called OTG (OnTheGo) with one side a USB (Large) female connector that will be connected to the radio programming cable and on the other side a miniUSB male connector that will be connected to the miniUSB port of the Android device.

Hereis is my full cable, used for the firmware upgrade operation with the Android APP.

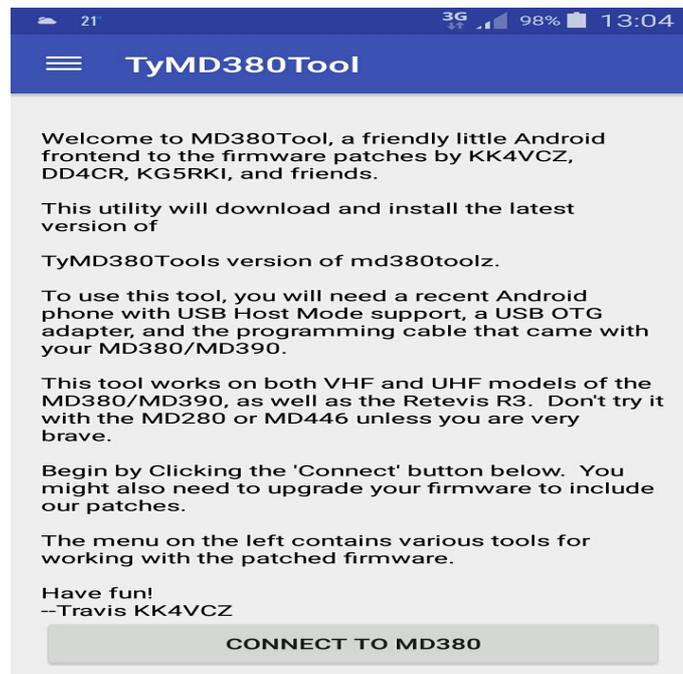


When you have all the necessary material, APP, CABLES, RADIO, Android Devices ... you can proceed ...

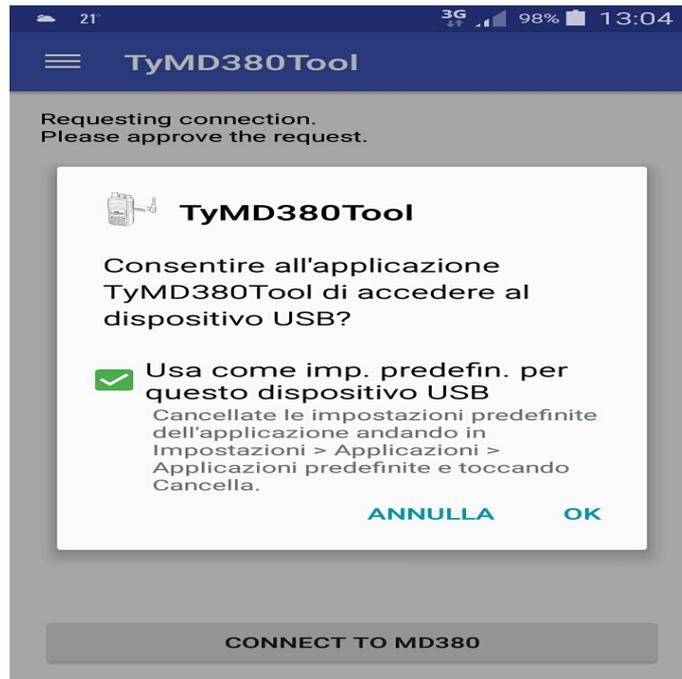
- 1 Connect the cables to RADIO and the Android Device respectively
- 2 Turn on the RADIO in DFU mode (PTT + KEY at HIGH simultaneously)
- 3 Start APP on the Android Device.



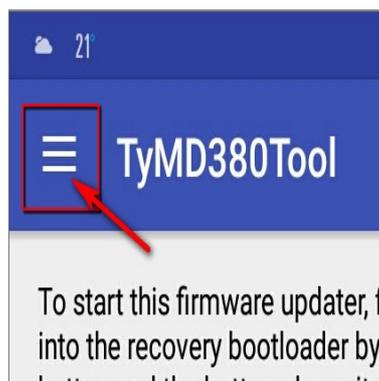
Open APP on your Android Device ....



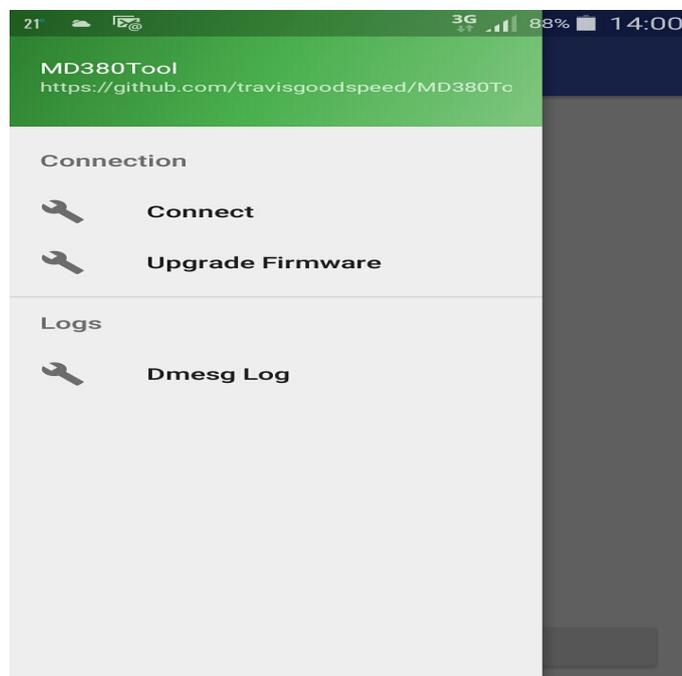
Click on the CONNECT TO MD380 Button ... ..



You will see this screen above where you must select "Use as imp. Default .... "And you give OK. This way the RADIO is connected to the Android Device.



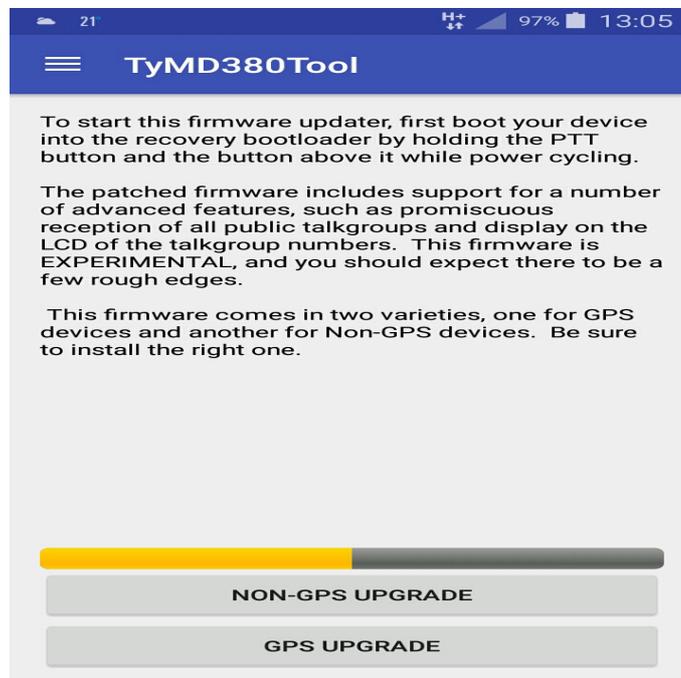
At this point, click on the icon you can see in the image above and the menu will open. Choose "Upgrade Firmware" now.





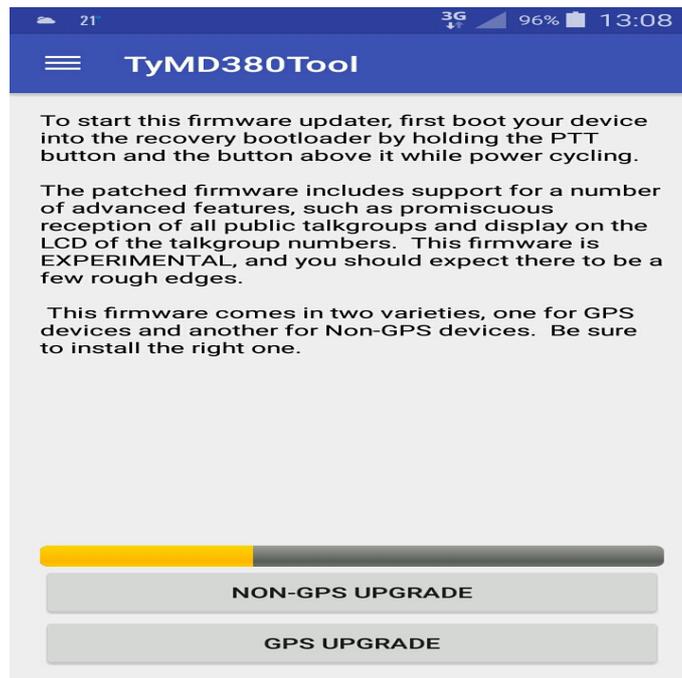
Now you must choose the right option which depends on the type of the radio you have, WITHOUT or WITH GPS.

Click the appropriate button and the firmware upgrade process will start downloading the firmware from the Internet (it seems to be stopped but it is not!) and then you can see the progress of the firmware update on the colored bar .



The progress bar passes twice and after the upgrade is finished without any additional popup message.

**(ATTENTION: No message will be given )**



**The procedure is FINISHED, so you can turn off the RADIO, close the APP and disconnect the CABLES ...**

**Have fun with your new firmware, the amazing TyMD380ToolZ.**

**73 de IV3NFC**