

Anytone Updates

Hello to all Anytone Owners,

I put together this document to help me learn the processes to do the various updates to my Anytone Radios. I have follow these steps for over 2 years now it all started when I had the Anytone AT - D868UV. I only recently added the Base Band update process to this document with help with clarification from Duane N6DMR.

Update Instructions for:

1. CPS Update
2. Base Band Update
3. Firmware Update
4. Icon Update

Section 1: CPS

1. Uninstall Previous CPS **First**.
2. Install New CPS.
3. Read Radio with new CPS to backup your Codeplug.
4. Perform MCU Reset. (See Note Below)
5. During the MCU Reset you need to set the Time Zone, Date & Time.
6. You are now ready to install the Firmware.

NOTE: The reason I do the MCU Reset during this process is to make sure there is no accidental Transmitting of the radio while its connected to the PC. During Flashing steps you need to make sure GPS/APRS beaoning are disabled.

Section 2: Base Band

If there is no Base Band update in your Downloaded Update Package, you may be able to skip this step.

**** IMPORTANT:** Check your SCT 3258 Base Band version in the radio menu Settings -> Device Info; **Make sure the SCT3258 listed in the radio version matches the SCT 3258 Base Band version in the FW update Change Log in the "A Read First..." folder.** FW and Base Band interact and they must match the version in the change log.

IMPORTANT: **ALWAYS** UNINSTALL ANY OLDER VERSIONS OF THE **SCT_PORT.MSI** PROGRAM BEFORE DOING THIS UPDATE.

IMPORTANT: ALWAYS USE THE LATEST VERSION OF THE SCT UPDATE PROGRAM THAT IS SUPPLIED IN THE FIRMWARE PACKAGE.

GOOD TIP: When finished updating the SCT 3258 Base Band, go ahead and uninstall the **SCT_PORT.MSI** Program to avoid using an older version next time,

1. Hold pressing # key and orange/blue top key, at the same time power on the radio,
Screen display
“**WARNING** This is Boot Mode for Sct!!!”
2. Use the USB cable to connect radio and your PC.
3. Install SCT Port.exe.
4. Run SCT_PORT.exe.
5. Select Platform as SCT3258.
6. In the SCT_PORT.MSI program >Tool Menu>Config>Set Com,
7. In the SCT_PORT.MSI program >Tool Menu>Flash Update.
8. Open New .Hex File.
9. Click on “Init Port” to check the com port connection is correct.
10. Click on “Flash Update” to start the SCT update.
11. The update is done.

Secom 3: Firmware

1. Hold pressing PTT & PF3 Key (top Blue/Orange button) while Power On Radio. (Red LED Blinking)
2. In CPS Set Menu> Click Set Com Port.
3. In CPS Tools Menu>Click Firmware & Icon Update,
Click “Open Update File” and select the New Firmware.spi File.
7. Click "Write" to update the radio to the latest firmware. After the Firmware update, the radio should return to normal display on screen.
8. Complete the MCU Reset process below.

After updating the firmware, you need to MCU Reset to the radio as follows:

- a) Power off the radio first.
- b) Then while holding down the PTT and the PF1 button down at the same time, Power the radio ON
*** Please Wait – and do not turn the radio off while it restarts ***
*** Select the Green menu key to confirm the MCU Reboot / Initialization
- c) After the MCU reboot is confirmed, you will have to set the Time Zone, Date & Time and information as follows:
 - * Use the **PI key** to scroll or navigate through the GMT date / time fields
 - * Note the active field for data set will be shown in Red text
 - * Up and Down arrow keys will allow you to change the information in the fields
 - * After you have all the correct information entered, use the Green menu key to confirm the settings and the radio will restart.
- d) You will now have to reload your saved code plug as the final step.

Section 4: Icon

If there is no Icon update in your Downloaded Update Package, Please skip this step re-load your saved codeplug and your Done!.

1. Hold pressing PTT key and PF2 key (the bottom side key), at the same time power on

LCD display "UPDATE MODE"

2. Use the USB cable to connect radio to PC.
3. In CPS>Set Menu>Set Com Port..
4. In CPS>Tool Menu>Choose the Firmware & Icon Update.
5. Click Open Icon Update File, Choose the .sip (choose either Anytone Start up or Welcome Start up).
6. Com Speed set as 921600, tick on Duplex
7. Click Write to update the radio the latest firmware.
- a) Note: The Radio Display will not change after the update until you turn the radio of and back on.
8. Reboot the radio when the update is finished.
9. Your Done!

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