AnyTone Bluetooth Firmware Update Procedure
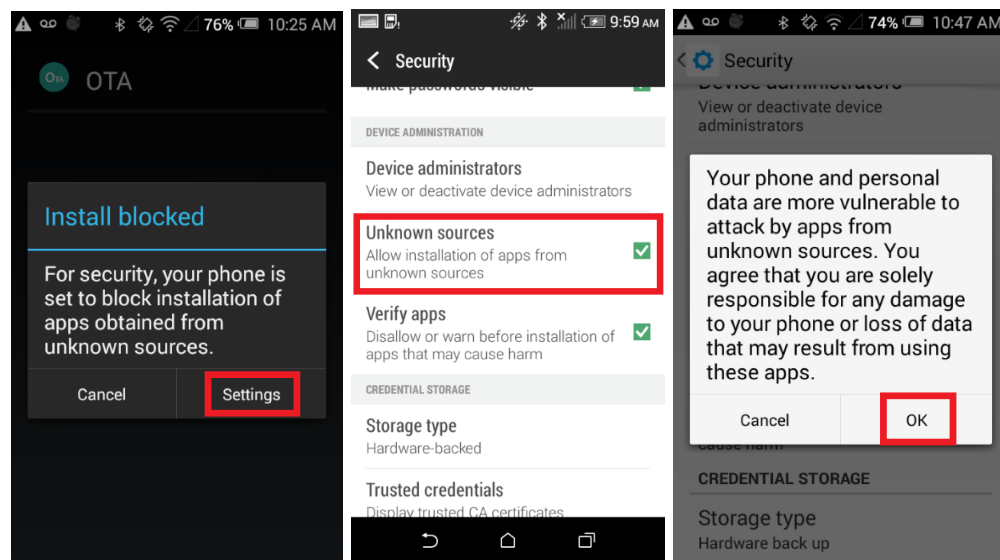
You will need:

- A smartphone or tablet running an older version of Android OS that has Bluetooth. We have confirmed this process to be successful with Android 4.4.2, 4.4.4, and 5.0.

- An AnyTone radio with an internal Bluetooth module.

    - The 878UV Plus, 878UVII Plus, 578UV/578UVIII Pro, and the 578UV/578UVIII Plus radios all have Bluetooth modules.

    - Another way to check is to scroll through your radio's menu and look for a Bluetooth menu item.

- A PC with a functional USB port

- A USB cable with the proper connector to connect your smartphone to your PC
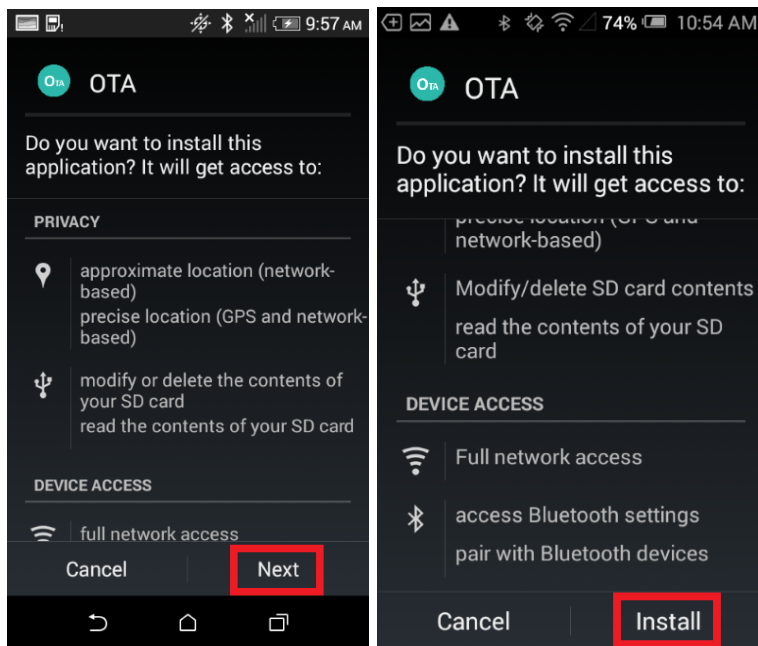
Steps:

1. Power on your smartphone and plug the USB cable into your smartphone and the PC. This should make your phone appear as a drive in Windows File Explorer.

a. You may need to configure your USB settings in your smartphone for this to work correctly. Android/Windows troubleshooting is beyond the scope of this article.

2. Copy both the .apk file and .bin file included in this directory to your smartphone. Be sure you remember where you copied the files to because you will need to find them in a later step.

3. After the file transfer is complete, unplug your smartphone and use your preferred file browser to locate the files you downloaded in the previous step. Next, tap the file to install it.

    a. In most cases, you will likely see a message displayed about security settings blocking apps from unknown sources. There should be a settings button at the bottom of this dialog box. When you tap this, it will take you to the Android security settings menu. From here, enable the setting with the text "Allow installation of apps from unknown sources" or similar. After turning this on, you will see a warning box appear. Tap OK.
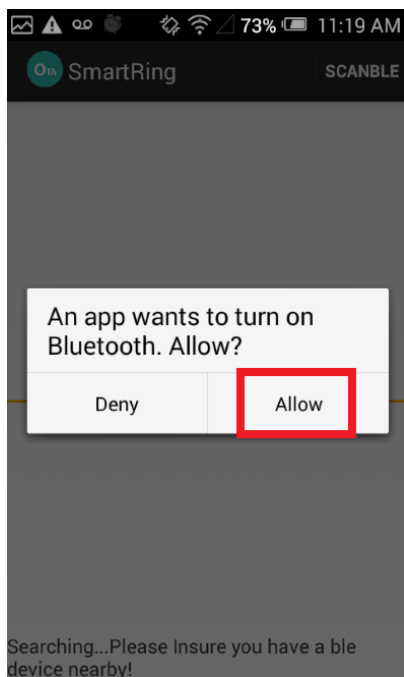

    i. For security reasons, turning this setting back off is strongly recommended after performing this procedure.
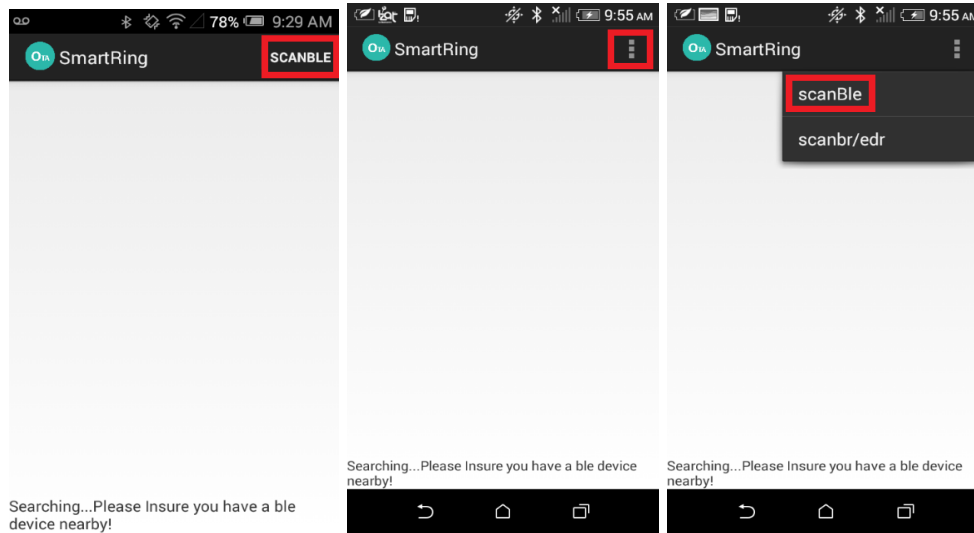
4. Return to your file explorer app and click the .apk file again. Make sure all required permissions are enabled and tap Install.
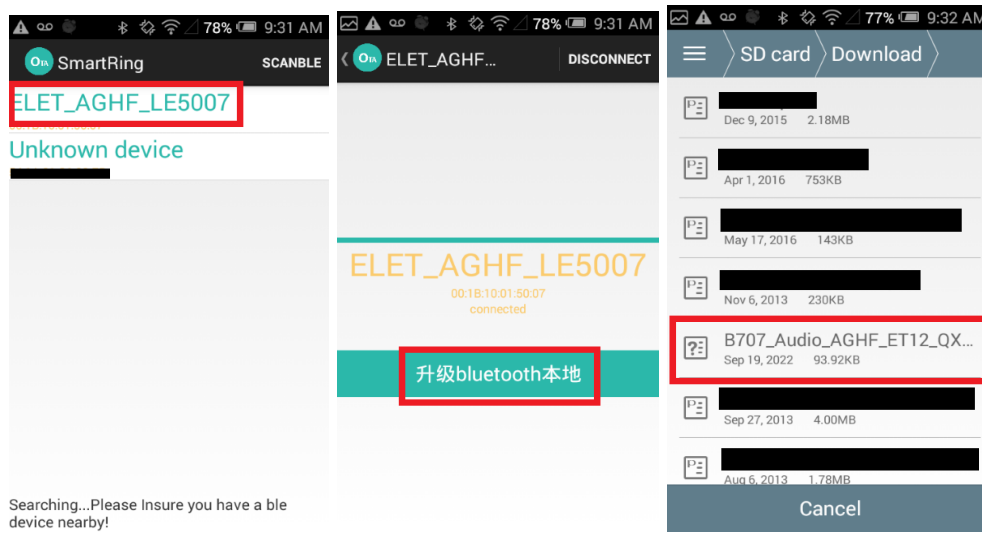

5. Run the app, and if it asks to turn on Bluetooth, click Allow.

6. In the top menu bar of the app, there should be a menu item titled "SCANBLE". Tap this and wait for the scan to complete. Note that your device may display 3 dots instead of the button and tapping that will reveal the button.

7. There should now be a list item titled "ELET_xxxx_xxxxx" or similar, and this is your radio. Tap this list item and a new screen will appear. Tap the button labeled "bluetooth" (with additional chinese characters on both sides of the word). This will open a file explorer window where you can navigate and find the .bin file you originally downloaded.

8. Tap the .bin file. (A menu may appear with the title "Pick up file as". If so, choose "File Way".) There should now be a menu titled "OTA Upgrade", and your file path should be displayed in the line under "Patch file path:". If everything looks correct, tap the Upgrade button. If everything is configured correctly, this will upload the new FW to the BT module in your radio. Once this successfully completes, power cycle the radio.

   a. If the upload fails, repeat steps 7-8.