

AAON Touchscreen Control

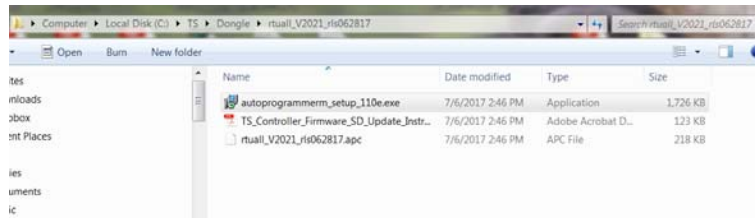
Dongle Firmware Download Instructions

Note a Mini-USB cable and computer are required for the following dongle software update process.

Step 1:

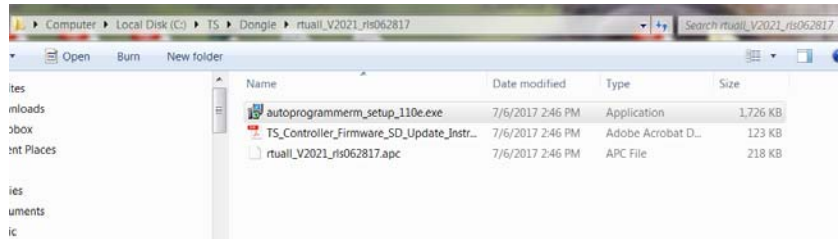
Go to the AAON.com website to the **Quick Links** section and click on the **Controls** menu. Under the **AAON Touchscreen Control** section click on the **AAON Touchscreen Controller Firmware Dongle Update** link. Once the zip file download is complete, click the **Save as** button and save the zip file to folder on your computers local C: drive.

Once the zip file loads to your computer, click **Open Folder** and then right click on the rtual_V2021_ris062817 zip folder and then click **Extract all** to extract the following three files: Autoprogrammer Tool, the rtuall_XXXX.apc firmware file and TS Controller Firmware Update Instruction PDF document.



Step 2:

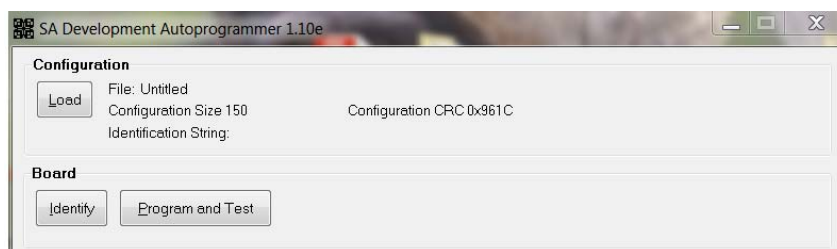
Double click on the *autoprogrammerm_setup_110e.exe* file. Click **Run**, **Next**, **Install** and then **Finish**. Note: The Autoprogrammer shortcut has also been saved to your desktop to use for future firmware releases.



Step 3:

Once the Autoprogrammer Tool installation is completed, a new window will appear titled *SA Development Autoprogrammer*.

Connect the Mini-USB cable from your computer to the mini connector port on the software Dongle. Click the **Load** button in the **Autoprogrammer** window.



Copy the **rtuall_XXXX.apc** firmware file you previously saved to your C: drive Figure 1, to the **Autoprogrammer Setup** window shown in Figure 2.

Figure 1 - Firmware file saved to C: drive

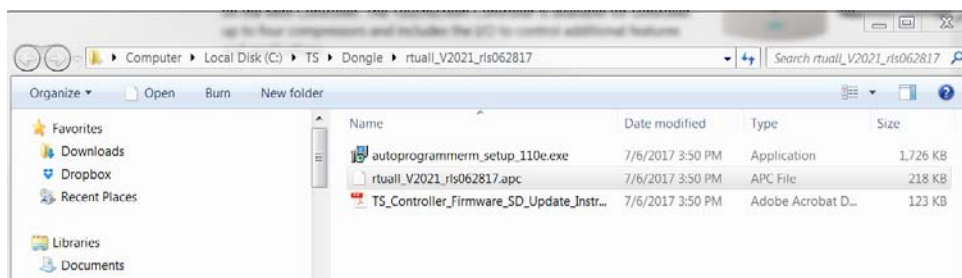
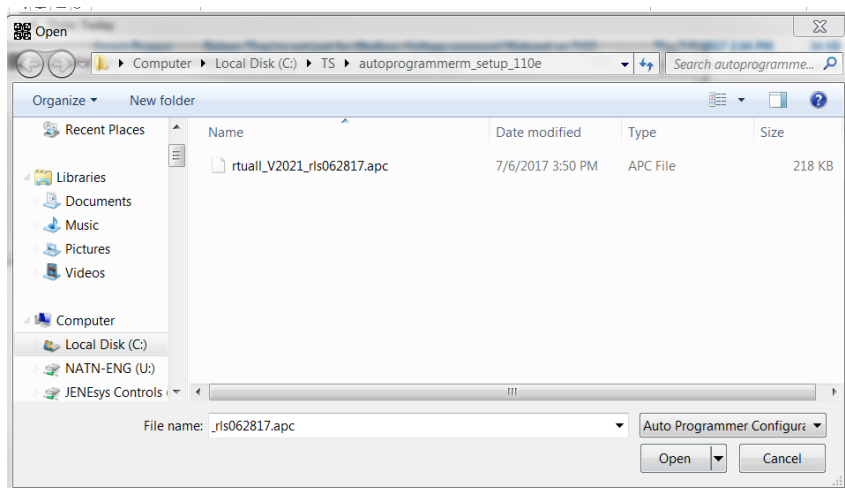
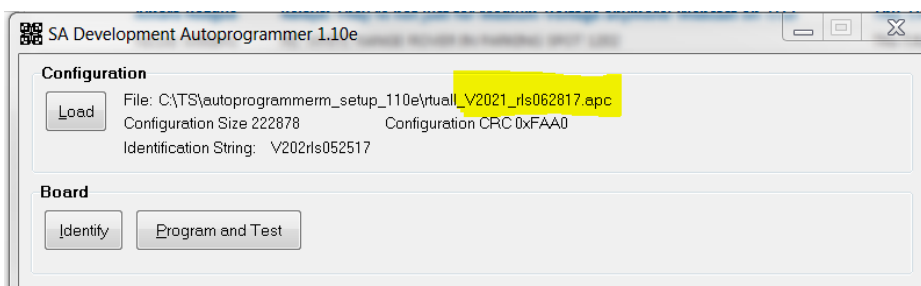


Figure 2 - Autoprogrammer Setup window



From the Autoprogrammer Setup window, Figure 2 above, highlight the file being loaded to the dongle and click **Open** to move the file to the **Autoprogrammer Configuration box** shown below. In this example, the yellow highlighted area shows that the software version just loaded to the Configuration box is **2.02.1** and has a **release date of June 28th 2017**.

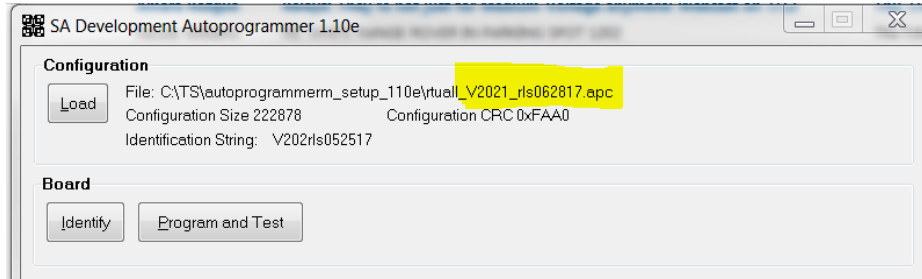


Note: The dots and dashes in the software version number and Release Date may not be shown on the Autoprogram Configuration screen. The software version number and Release Date information will need to be noted for a new Dongle ID sticker mentioned in Step 6 to follow.

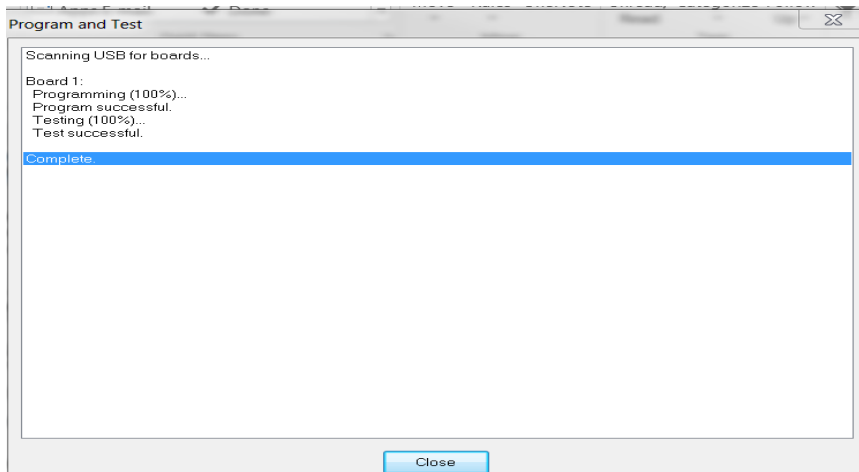
Step 5:

To begin transferring the new firmware file to the software dongle, click the **Program and Test** button found in the Board section of the Autoprogrammer. During the transfer process the green LED on the Dongle will turn red.

Note that the new software version will write over the any previous software present on the dongle.



When the transfer and testing are complete, the Programming Testing window will show 100% and Complete and the LED on the Dongle will turn solid green. Press **Close** to close the window.



Step 6:

Final step very important! Remove any old outdated stickers located on the back of the dongle and re-apply a new label or attach a string tag to the updated dongle. Relabeling will properly identify version and date code for the firmware loaded to the dongle. See Step 5 above for software version and date code details to include on the new label.