

# EAX & V-40 TESTER INSTRUCTIONS

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## Starting and configuring the Software:

- 1) Open the software. You will first be prompted to login by selecting your username and entering the password provided to you (Figure 1).



Figure 1

- 2) An error message will be displayed if the software was unable to connect to tester (Figure 3). Check the USB connection and verify that the correct COM Port is in the configuration file. The configured COM Port will be displayed on the console screen. You can modify the configuration by selecting "Open Config" from the Config menu. A successful connection will be indicated by the "Serial COM" LED (red) flashing.

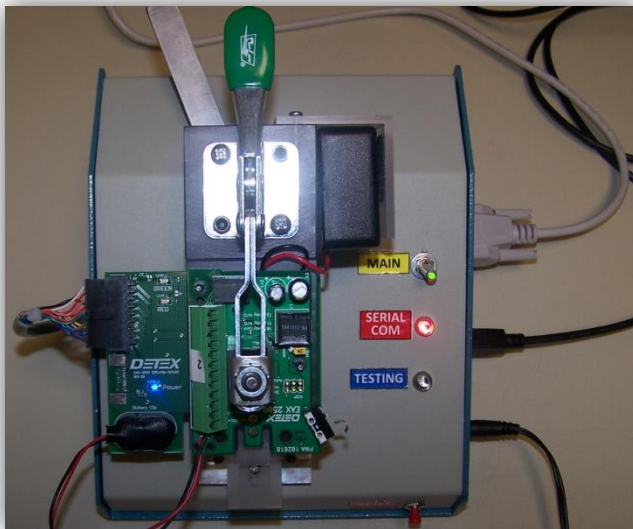


Figure 2

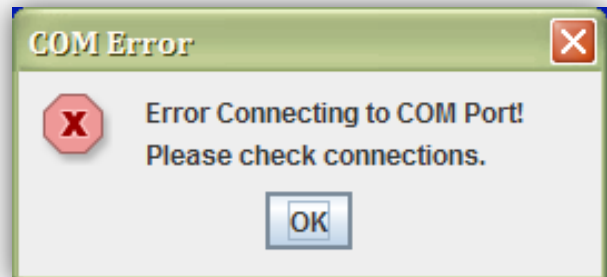


Figure 3

## Programming/Testing Instructions:

- 1) Select the desired device from the Device menu. Each entry in the Device menu corresponds to a specific firmware for that device. The V40 family is unique because it has many different models in addition to the multiple firmwares, so after selecting a V40 device you will also be prompted to select a model (Figure 5).

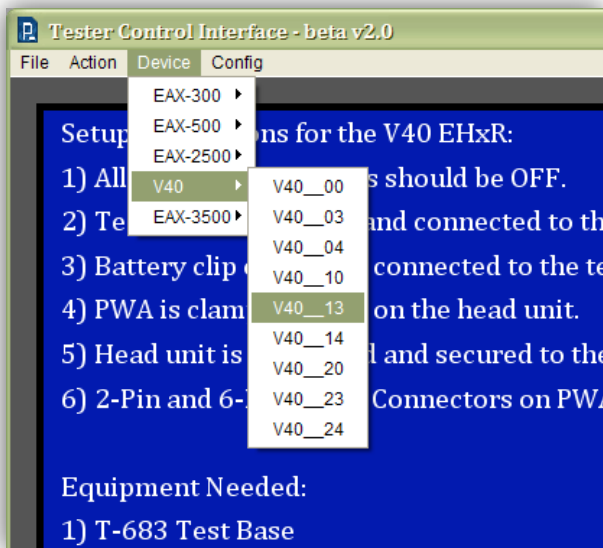


Figure 4

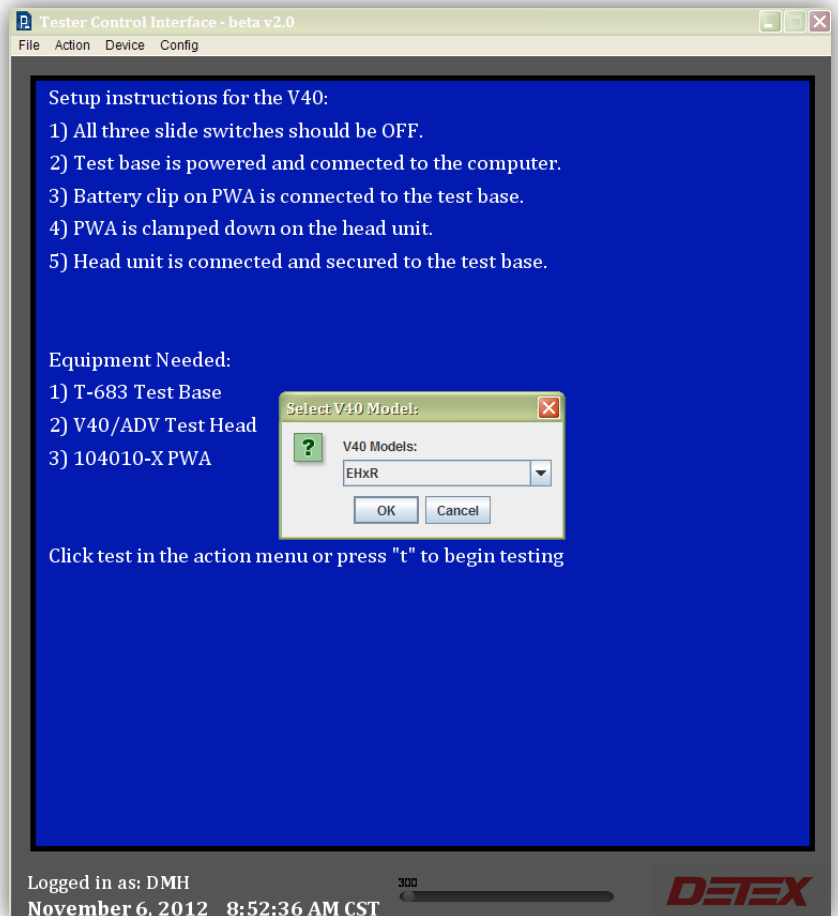


Figure 5

- 2) Follow the testing setup procedure that is displayed on the console screen after selecting a device (Figure 6).

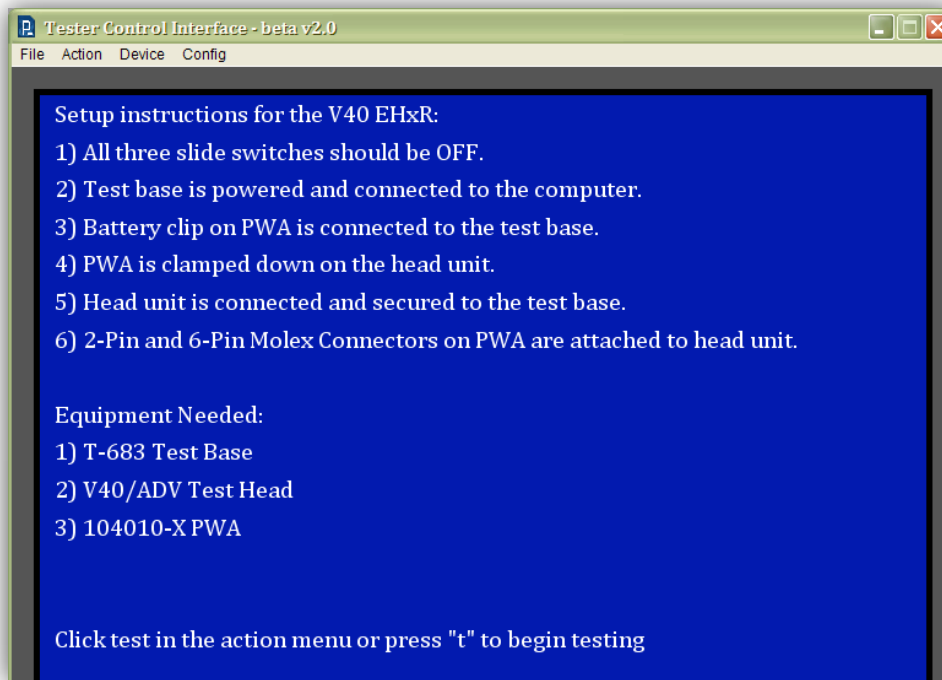


Figure 6

- 3) Program the device by selecting "Program Device" from the Action menu (Figure 7), or by pressing "p" on the keyboard. The QuickWriter program will open and attempt to auto program the device.

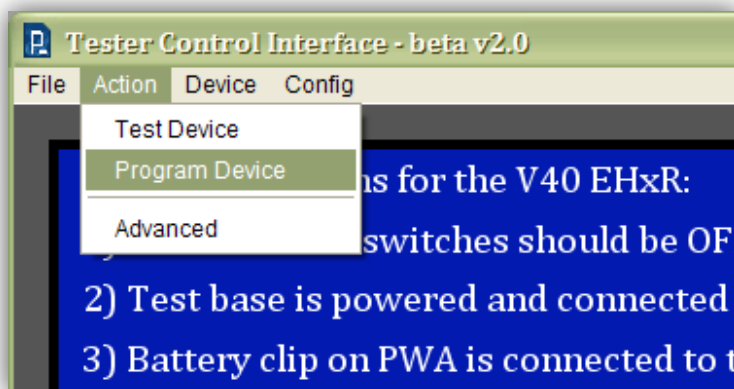


Figure 7

- 4) When ready to begin testing, either select “Test Device” from the Action menu (Figure 8), or press “t” on the keyboard. Doing either of these actions while a test is currently active will cancel that testing process. While testing is active, the “Testing” LED (blue) is on. Note: The scroll bar at the bottom of the window allows adjustment to the testing speed (Figure 9). Sliding the bar left will increase the speed and sliding it right will decrease the speed.



Figure 8

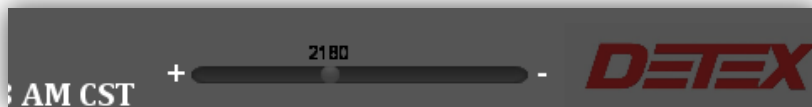


Figure 9

- 5) The last portions of the testing process are manual for which the software will wait until the space bar is pressed to complete the testing. This allows you enough time to complete the displayed instructions before completing the testing procedure (Figure 10).

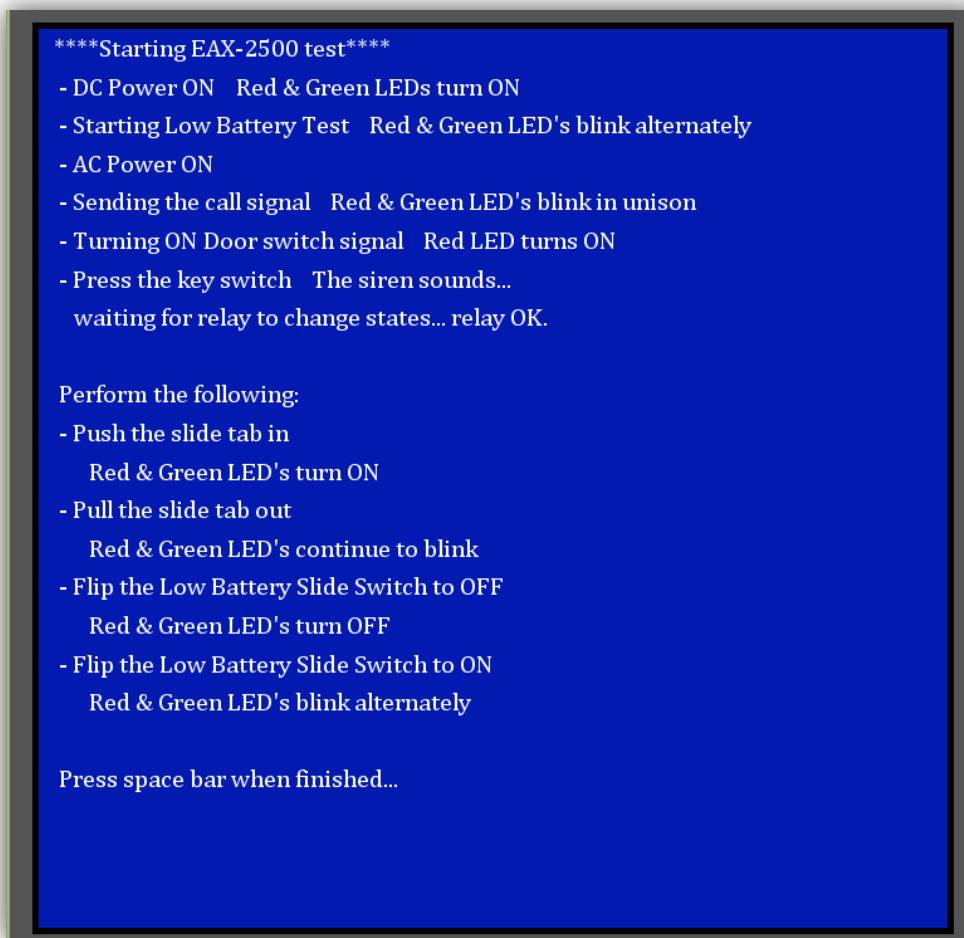


Figure 10

- 6) After testing is completed, a pop-up window is displayed and asks if the device passed or failed the test. Select either to continue (Figure 11).

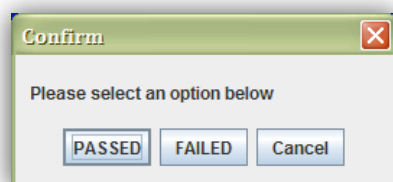


Figure 11

- 7) Repeat from step 3 above to continue programming/testing the devices of the same type, or repeat from step 1 to begin testing a new device.

## Connections:

- 1) Programming Head Cable – Figure 12 below shows the main cable which connects the programming head to the tester unit.

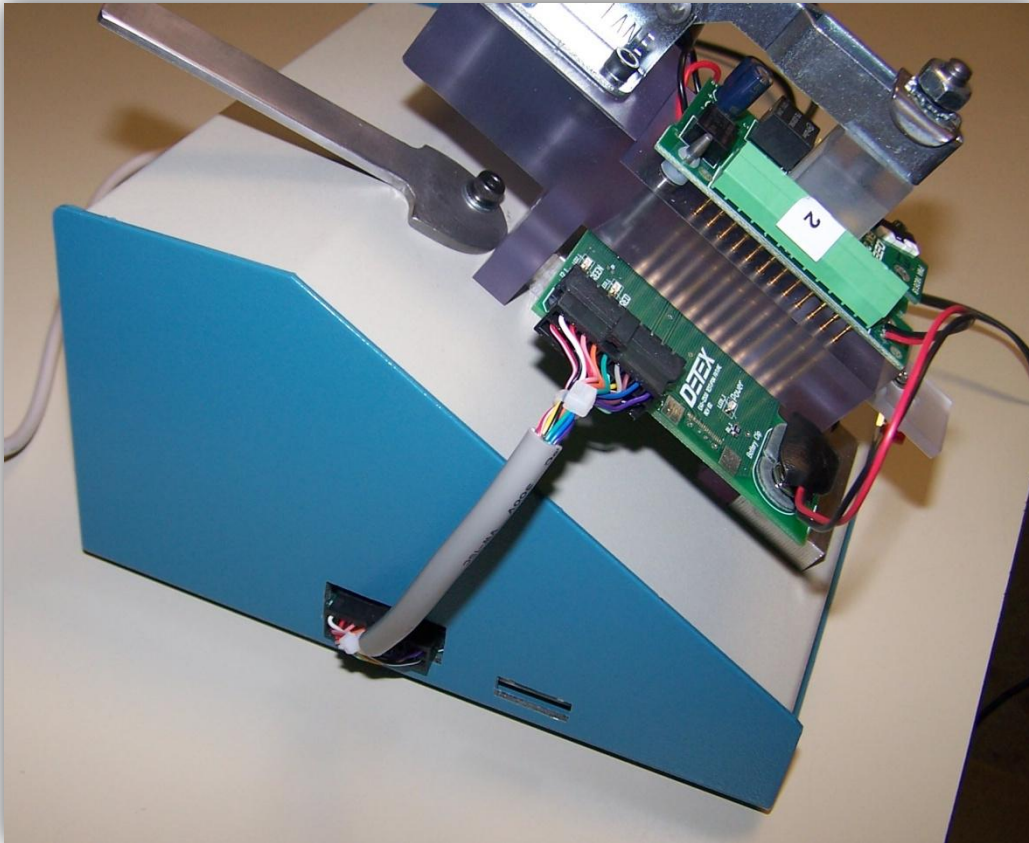


Figure 12

- 2) Power Connection – Figure 13 shows the 12 VAC connection which powers the tester unit (left), the USB cable connection (center), and the QuickWriter serial cable (right).



Figure 13