Software Update Instructions for the MultiWave PE653 and PE953

Multiwave Z-Wave Update System Requirements:

- 32-bit Windows Operating System
- Microsoft .NET Framework 4 Client Profile
- Microsoft .NET Framework 4 Extended

NOTE: *The MultiWave software upgrade is PC based only.*

1. Click the MultiWave **PE953_RELEASE_34.iboot**.
2. Unzip the downloaded file and save.
3. Click **Setup.EXE**.
4. When the **Setup Wizard** appears, click **NEXT**.
5. Click the **I Agree** option and then **NEXT**.
6. Determine if the file path in the **Folder** area is where you want the file saved. **Browse** to select a different path if need be.
7. Click the desired software access rules **Everyone** (All Users) or **Just Me** (installer) and then **NEXT**. A **Confirm Installation** message will appear.
8. Click **NEXT** to start installation.
9. When installation is complete, click **CLOSE**.
10. Make sure the PE953 controller and the PE653 receiver are linked.
11. Insert the **CA8700 USB Z-Wave Stick**.
12. From the programs directory, click **Intermatic** folder and select **Intermatic Firmware Update**. The **Intermatic InTouch Update** screen will appear.
13. From the Update screen, Click **Connect**.
14. At top of screen, click the **File** drop-down menu and select **Load Firmware File**.
15. Click the **PE953_RELEASE_34.iboot** file.
16. Choose the **Network** drop-down menu and select **Join a Network**.
17. Press button on the PE953 controller to remove it from idle.
18. Press **P/S** and **ENTER** simultaneously to access **Learn Mode**.
19. Press **3** to **Include Device**. The controller will briefly display **Successful**, while the **InTouch** displays **PE953 (Handheld)** and **PE653 (Receiver)**.
    NOTE: It is important this display appears on the controller. If the controller is idle, the PE953 controller update will not complete successfully.
20. Select **PE953 (Handheld)** and **PE653 (Receiver)** and click **Update**.
21. **Update** message appears, click **OK**. The updates will now begin.
22. When **Update Complete** appears, click **CLOSE**.
23. On the PE953 controller, return to **Learn Mode** to verify that the proper software version number appears in the upper right-hand corner of the menu.
    NOTE: If the incorrect number appears, repeat the procedure.
24. Click **Network** and select **Reset Z-Wave USB Adaptor**.
25. Close the **InTouch Update** program.
26. Unplug the USB stick.