UPDATING FIRMWARE FOR THE ECC-50/100 PROCEDURE

1. Go to http://www.firelite.com.

   - Click on the "SUPPORT" tab.
   - Click on "Panel Software".
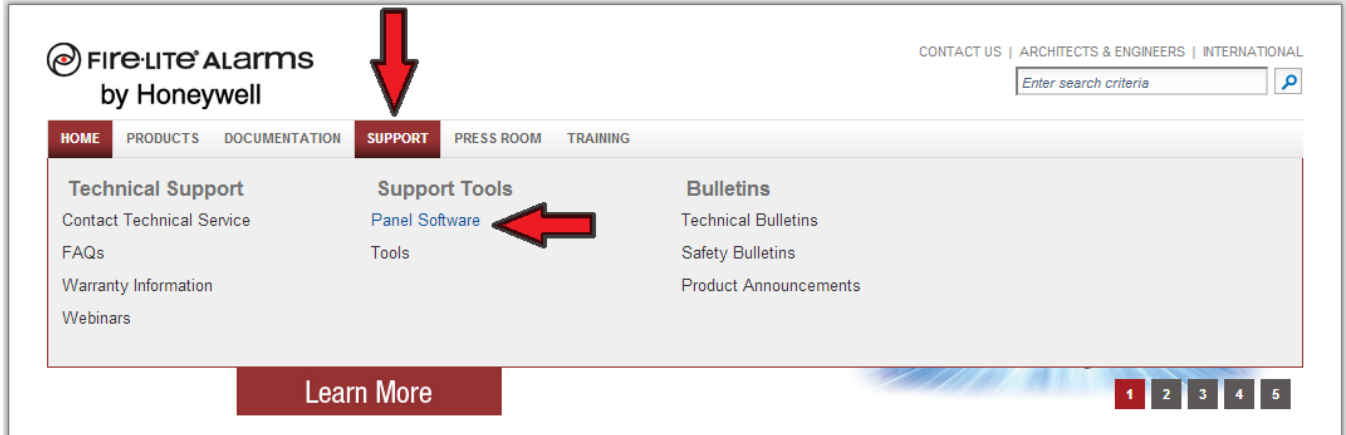
   - Click on the "Firmware" tab.
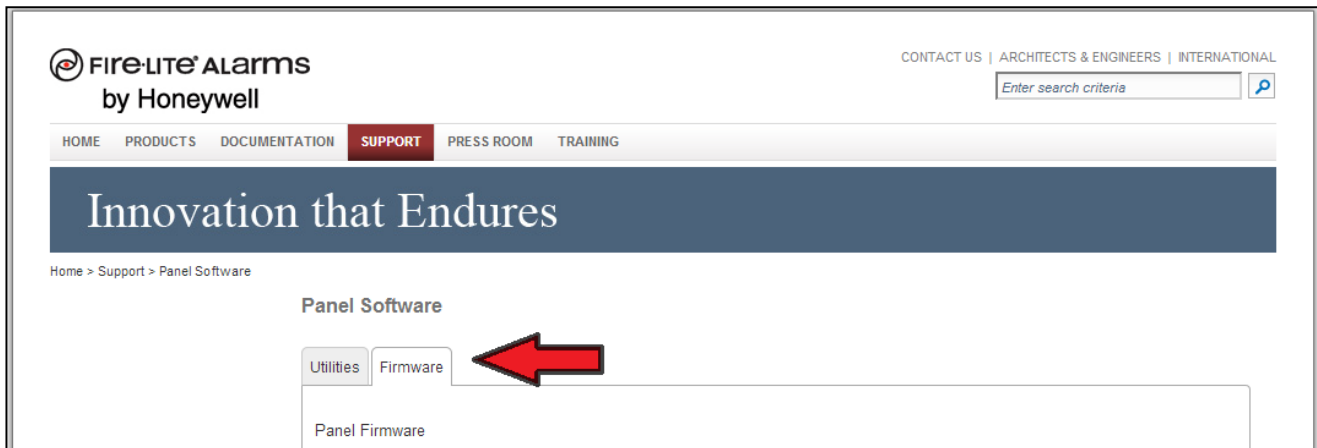
   - Scroll down the webpage to locate the "Emergency Command Center" section.

2. Depending on the web browser used: Right-click on the firmware file, then click either "Save Target As", or "Save Link As" (Depending on web browser) and save it to the Desktop.
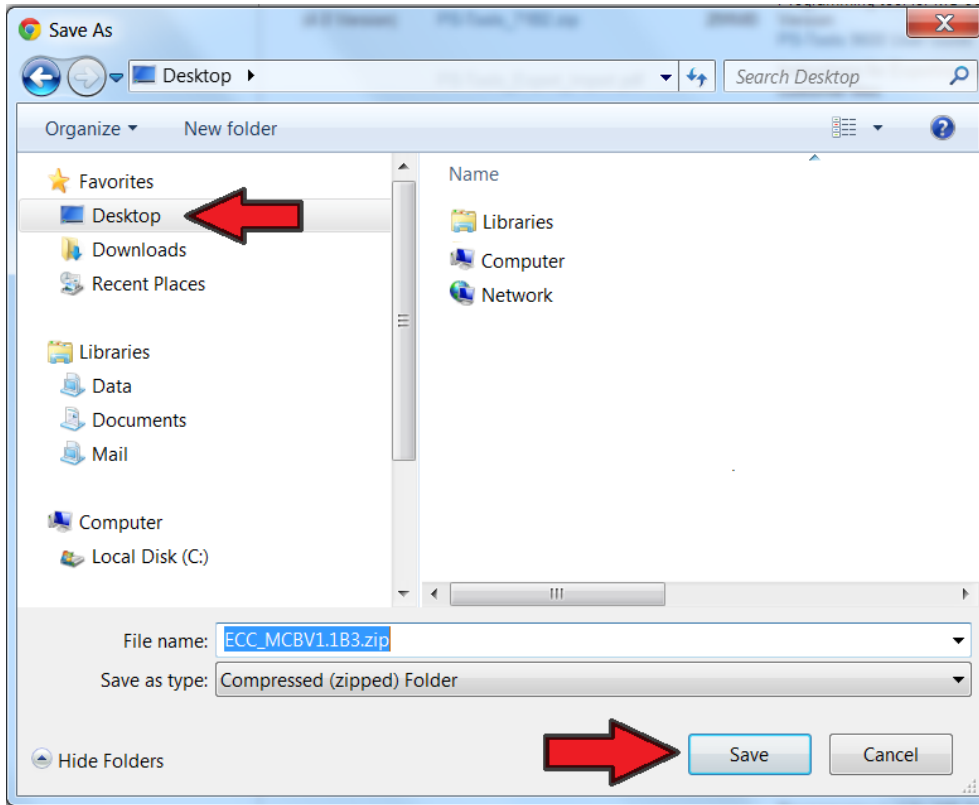
3. Right-click on the firmware "ZIP" file that was saved on the desktop, then click "Extract All".
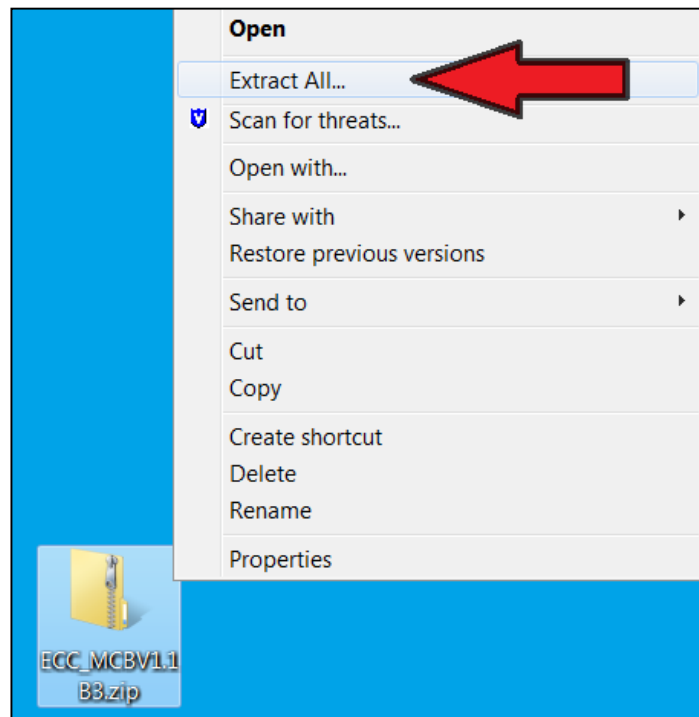
4. Extract the firmware "ZIP" file to the USB Thumb/Flash Drive.

- Click the "Browse" button.
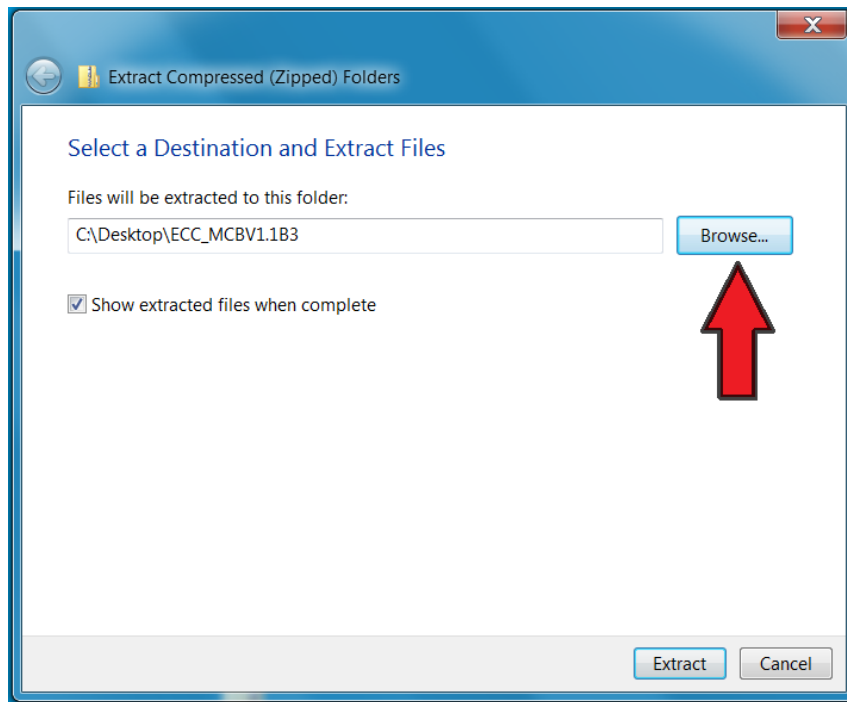
- Select the USB Thumb/Flash Drive where the firmware files will be extracted to.
  NOTE: Be sure to extract all of files to the Root of the USB Thumb/Flash Drive. No other files should reside on the USB Thumb/Flash Drive.

- Click the "Extract" button.

- The files will be extracted to the USB Thumb/Flash Drive.

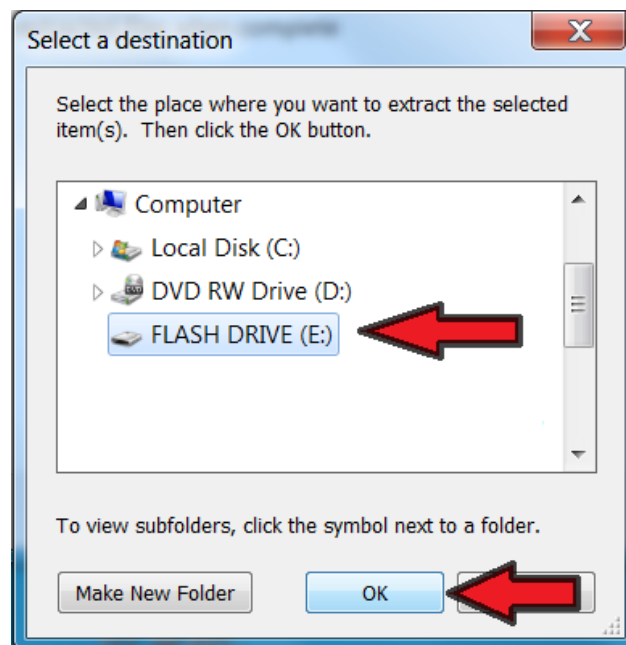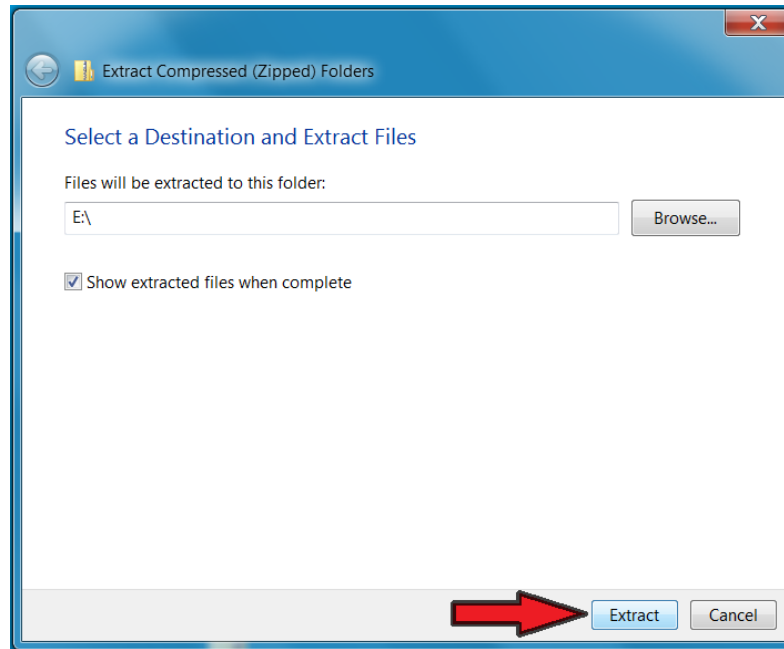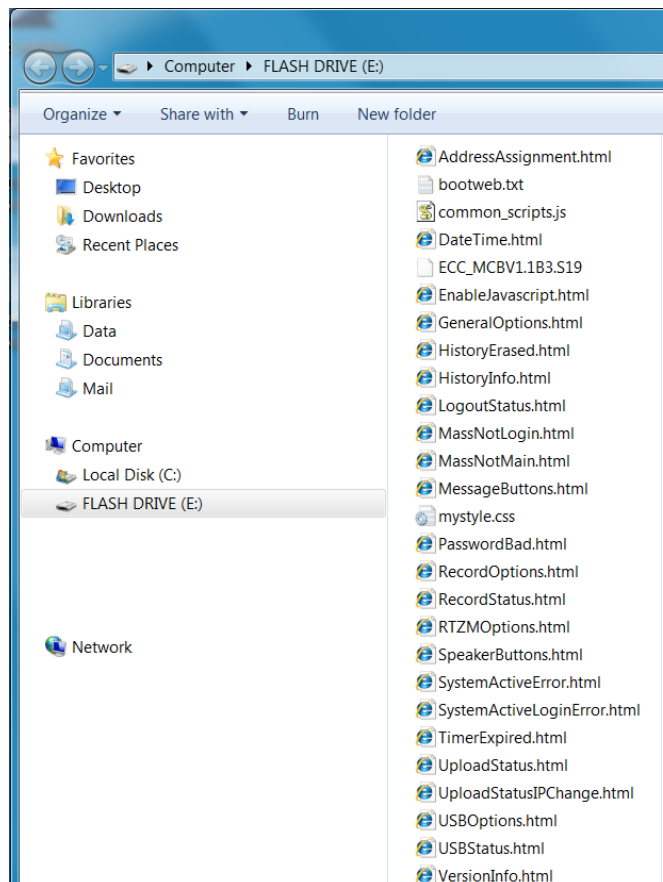5. Connect to the ECC-50/100 with web page Audio System Programming Options utility with a computer. (For further details, see the ECC-50/100 Instruction Manual) and Log In.

Audio System Programming Options

Logged Out

Password Options		
Log In Password: ••••	New Password:	
Inactivity Timeout: 10 Minutes ▾	Verify New Password:	

Log In   Log Out

Main Menu

6. When logged into the Main Menu, click-on: "**Version Information**".

Audio System Programming Options

Main Menu

User Programming	Utilities	Informational
General / NAC Options	Message Recording	Speaker Circuit Buttons
Address Assignment	USB File Options	Version Information
Message Buttons		History ... ation
RTZM Options		
Date / Time		

7. Document the "**Software Part #**" and "**Software Revision**" alphanumeric characters for the Main Control Board. (where X represents either a letter or a number). *Note: This information is important for later verification that the Firmware upgrade was successful.*

Audio System Version Information

| Address	Board Type	Software Part #	Software Revision
1	Main Control Board	XXXXXX	XX
2	Primary Operator Console DK	D50100	02
3	Primary Operator Console VCM	4C564D	46
4	Not Installed	000000	00
5	Not Installed	000000	00

8. Disconnect the computer from the ECC-50/100

9. Completely power down the ECC-50/100 (AC and batteries).

10. If an optional amplifier is installed, then remove it now. If not, then continue to step 11.

11. Place the Firmware Code Update Switch (SW3) to the **down** position.

12. Completely Power-up the ECC-50/100 (AC and batteries).

- There will be 3 Amber LEDs illuminated that are located above the USB Port located on the ECC-50/100's main board.
- There will be 2 Green LEDs blinking that are located under the Firmware Code Update Switch (SW3)

13. Insert the USB Thumb/Flash Drive into the USB Port located on the ECC-50/100's main board.

- The Green LED on the left side will be blinking quickly, the Green LED on the right will be off
- The Green LED on the left side will be blinking quickly for approximately 30 seconds
- Once the firmware files have been uploaded successfully, the left Green LED will be blinking at a steady rate, and the right Green LED will be on steady

Firmware Code
Update Switch (SW3)

USB Port

Switch Up = Normal
Switch Down = Code Update
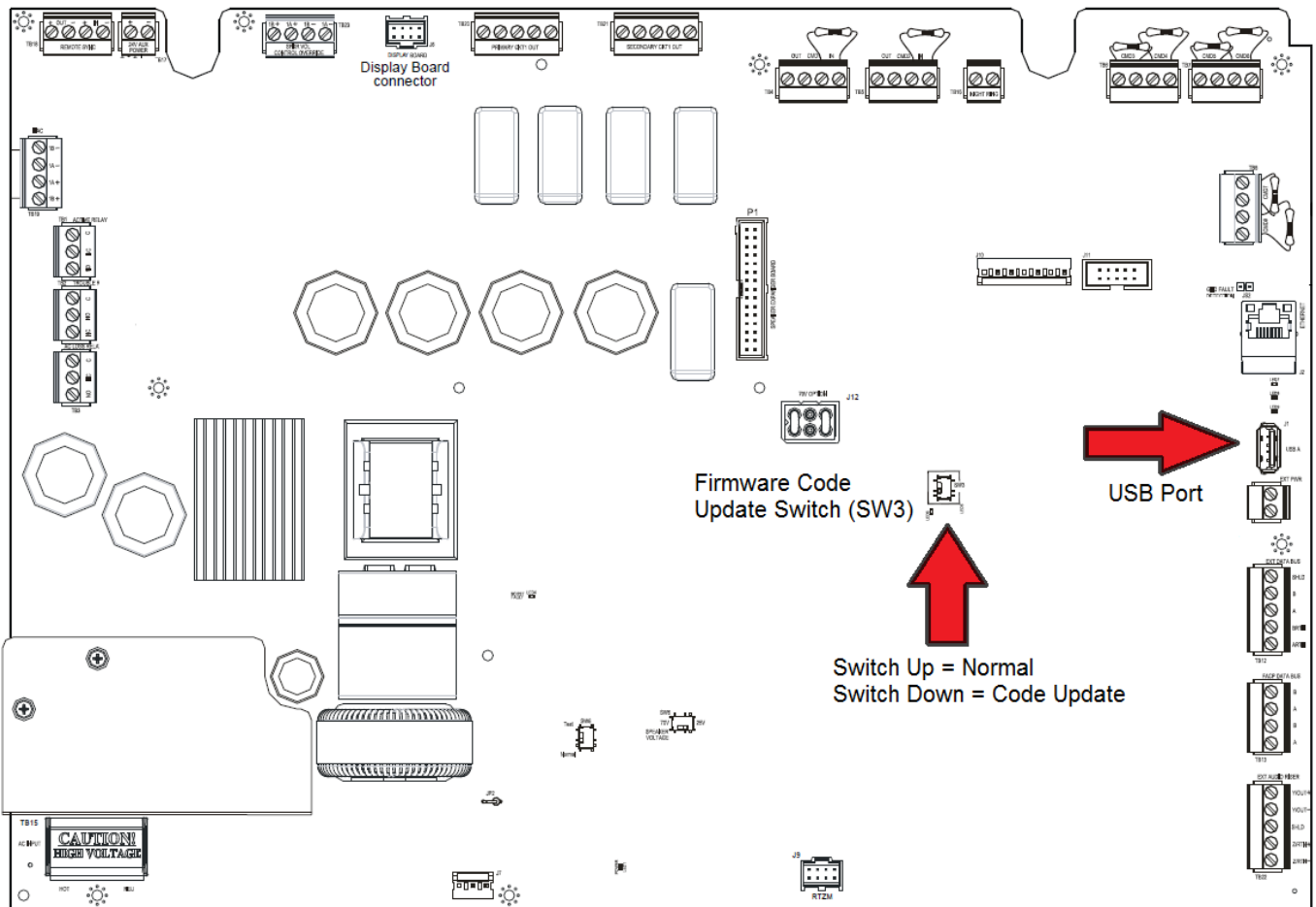
14. Completely power-down the ECC-50/100 (AC and batteries).

15. Remove the USB Thumb/Flash Drive from the USB port.

16. Place the Firmware Code Update Switch (SW3) to the **up** position.

17. If an optional amplifier was uninstalled, reinstall it now. If not, then continue to step 18.

18. Power-up the ECC-50/100 (AC and batteries).

19. Connect to the ECC-50/100 with web page Audio System Programming Options utility with a computer. (For further details, see the ECC-50/100 Instruction Manual) and Log In.

Audio System Programming Options

Logged Out

Password Options	
Log In Password: ••••	New Password:
Inactivity Timeout: 10 Minutes ▾	Verify New Password:

Log In   Log Out

Main Menu

20. When logged into the Main Menu, click-on: "**Version Information**".

Audio System Programming Options

Main Menu

User Programming	Utilities	Informational
General / NAC Options	Message Recording	Speaker Circuit Buttons
Address Assignment	USB File Options	Version Information
Message Buttons		History ation
RTZM Options		
Date / Time		

21. Document the "**Software Part #**" and "**Software Revision**" alphanumeric characters for the Main Control Board. (where X represents either a letter or a number).

Audio System Version Information

Address	Board Type	Software Part #	Software Revision
1	Main Control Board	XXXXXX	XX
2	Primary Operator Console DK	D50100	02
3	Primary Operator Console VCM	4C564D	46
4	Not Installed	000000	00
5	Not Installed	000000	00

22. Compare the documented alphanumeric characters from step 7 and step 21. Verify that something in alphanumeric characters have changed for either "**Software Part #** "or "**Software Revision**". If there is a difference between step 7 and step 21, then the firmware upgrade was a success. If there was no difference in alphanumeric characters, then the procedure needs to be repeated.

23. An example of a successful firmware upgrade. **Notice the differences.**

Audio System Version Information

Address	Board Type	Software Part #	Software Revision
1	Main Control Board	010000	09
2	Primary Operator Console DK	D	
3	Primary Operator Console VCM	4	
4	Not Installed	000000	00

Audio System Version Information

Address	Board Type	Software Part #	Software Revision
1	Main Control Board	010100	03
2	Primary Operator Console DK	D	
3	Primary Operator Console VCM	4	
4	Not Installed	000000	00

Software Part # : 010000
Software Revision: 09

Software Part # : 010100
Software Revision: 03