

**FIRMWARE UPGRADE PROCEDURE**  
**For: MKP-4, BKP-4, TKP-4, and WKP-4 Keypanels**  
Upgrades Firmware V1.27 to V2.08

1. Have the keypanel connected made to the **ZEUS®** or **ADAM®** matrix.
2. From the matrix editor open the status window. This will show the status of all key panels currently communicating with the matrix.
3. Select the keypanel, that you want to upgrade, from the list
4. Open the download firmware window by pressing 'Ctrl-Shift-D' keys.
5. In the File Name window enter the filename with directory path for filename **UPGR\_MKP.HEX**.
6. Press the **OK** button.
7. Press the **Begin Download** button. This will send the file to the matrix and when the matrix received the whole file it will then send the file to the key panel.
8. The keypanel display will then display **DNLD** for approximately 12 seconds.
9. The keypanel display will then display **PROG** for approximately 12 seconds.
10. The keypanel display will then go blank for approximately 25 seconds.
11. The keypanel display will then display **RQDL** and the Headset LED will begin to flash.
12. Remove power from the keypanel.
13. From the matrix editor download firmware window, enter in the File Name window enter the filename with directory path for filename **ZKP\_V208HEX**.
14. Press the **Begin Download** button.
15. When the status bar shows that the file has been received by the matrix, re-apply power to the keypanel.
16. The keypanel display will display **RQDL** and the Headset LED will begin to flash **GREEN** for approximately 30 seconds
17. The keypanel Headset LED will then turn RED for approximately 5 seconds.
18. The keypanel LED will then turn off for approximately 55 seconds.
19. The keypanel display will display **OK 1** and the Headset LED will begin to flash **GREEN** for approximately 30 seconds
20. The keypanel Headset LED will then turn RED for approximately 5 seconds.
21. The keypanel LED will then turn off for approximately 55 seconds.
22. The keypanel display will display **OK 2** for approximately 5 seconds and the keypanel will reboot.
23. From the matrix editor the new key panel software version can now be seen as **ZEUS KEY PANEL VER 208 J/E DP SW xxxxxxxx** where J/E will be either J or E and xxxxxxxx are the settings for the keypanel's DIP switch.