



## Instructions for Performing a Firmware Update on the Advantage2

The SmartSet technology in your Advantage2 allows you to update the keyboard's firmware to stay up-to-date with the latest releases from Kinesis. Your Advantage2 keyboard comes from the factory with the most up to date version of the firmware as of its build date but Kinesis may at times release new versions of firmware to improve performance and/or compatibility. To enquire about newer versions of Advantage2 firmware please contact [tech@kinesis.com](mailto:tech@kinesis.com) or check for available updates at [www.kinesis.com/advantage2-resources/](http://www.kinesis.com/advantage2-resources/). From the Advantage2 Resource Page you can download the latest version of firmware and read the Tech Notes to learn about new features and bug fixes. To determine which version of firmware is currently installed on your keyboard, simply run a Status Report (progmn + esc).

*Note: If you are uncertain of the process or the benefits of a firmware update consult with our tech support team before attempting to perform an update. Layout files should not be deleted or damaged as a result of a firmware update but Kinesis recommends backing up your layout files in the event a Hard Reset is required after a firmware update.*

### To update the firmware, perform the following steps:

1. Obtain the appropriate version of Advantage2 firmware (".upd" file) from Kinesis tech support or the link above.
2. If Power User Mode has not been enabled, do so now (progmn + shift + esc). All 4 LEDs will flash 4 times.
3. Open the v-drive (progmn + F1).
4. Navigate to the "Kinesis KB" removable drive in File Explorer (or equivalent) & open the "firmware" folder.
5. Copy and paste the new firmware file into the firmware folder.
6. Rename the firmware file "update.upd".
7. Optional: Unmount the v-drive (progmn + F1).
8. Initiate Firmware Update (program + shift + U). The update process normally takes 10-12 seconds to complete, during which time the keyboard will be inactive. **IMPORANT NOTE: Do NOT unplug or type on the keyboard during this step.**
9. After 12 seconds, tap the Keypad key to test the keyboard. When the keypad LED illuminates the keyboard is active again.
10. Run a Status Report to confirm the new version of firmware was successfully installed.
11. If the keyboard does not wake up after 12-15 seconds, perform a Hard Reset (Right Ctrl + F9 while plugging it in).

*Note: After a successful firmware update, the "update.upd" file will be deleted from the firmware folder. If you wish to keep a copy of the firmware file, paste a copy with the original file name into the firmware folder of your v-drive, or onto your computer's hard drive.*