

# KURZWEIL SP6 System Update Instructions (KUF v1.52)

2/16/2021

## FILES INCLUDED IN THIS DOWNLOAD:

Filename	Purpose
SP6-v152 Update Procedure.pdf	This document, detailing installation steps
SP6-v152 Release Notes.html	A detailed history of all OS enhancements and fixes
SP6XBO15.KUF	Boot Loader update file containing Boot Loader v1.52.34350
SP6V152.KUF	Update file containing OS v4.36.34387, Objects v1.01.8, Boot Loader v1.52.34350

## UPDATE METHODS:

The SP6 can be updated by one of two methods:

- Method (a): USB storage device  
requires: Computer (Mac or PC) with USB port + USB Storage device - such as a flash/thumb drive.  
(drives drawing 100 mA or less are recommended).
- Method (b): direct USB cable connection to computer  
requires: Computer (Mac or PC) with USB port + USB cable.

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## !! CAUTIONS !!

- Before updating, it is always a good idea to [back up any custom programming](#) for safe keeping.  
(See chpt 6 in the SP6 Musician's Guide for added details on saving/reloading your custom data.)
  - It is important that the install is not disrupted once loading begins. Powering off the SP6 or your PC, removing the USB device or USB cable in the middle of loading could leave the SP6 inoperable and then require repair service to restore.
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## UPDATE PROCEDURE:

NOTE: the screenshots used below are for example only - what you actually see on your instrument may differ slightly.

### 1. Choose Update Method:

(a) If updating via USB storage device (for ex. thumb drive) insert the device into to a free USB port on your computer.

-OR-

(b) If updating via USB-to-Computer connection, connect a USB cable between the SP6 "Computer" USB port and any available USB port on your PC/Mac.

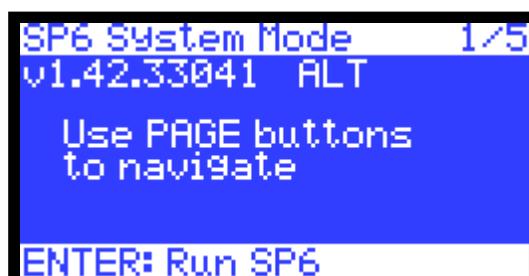
### 2. Copy the BOTH Update Files (.KUF):

(a) If updating via USB storage device: copy BOTH of the included .KUF files to the flash/thumb device using the method specific to your computer system. Once copied, safely eject/unmount the device before physically unplugging it from the computer's USB port. Once safely ejected, connect the device to the SP6 "Storage" USB port.

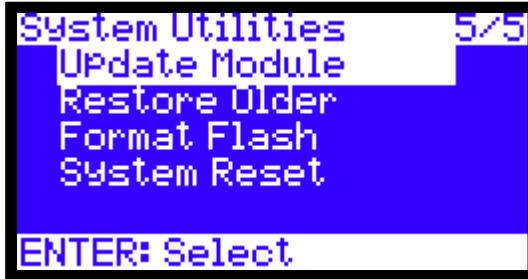
(b) If updating via USB-to-Computer cable connection: at step 9 and step 13 (below), when selecting "PC USB" as your update method, a SP6 temporary "drive" will appear on your computer as a removable disk. At that time you will be instructed to copy (drag and drop) BOTH of the .KUF update files to this temporary removable disk. Be sure to copy BOTH of the KUF files when prompted. For now, proceed.

### 3. Enter SYSTEM MODE:

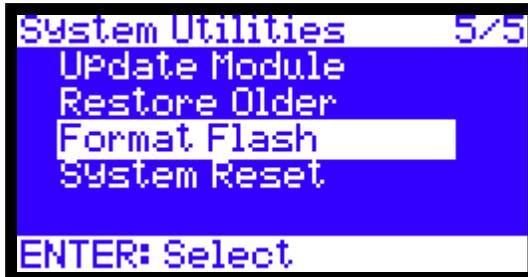
Power the SP6 OFF. Press/hold the ENTER button and turn the SP6 on. Release the ENTER button when the System Mode's menu of options appear on the screen: (see below)



4. Press **CHANNEL/PAGE DOWN** once to navigate to System Utilities (5/5):



5. Press **NEXT +** (or use the alpha wheel) to highlight "Format Flash". Press **ENTER** to select it:

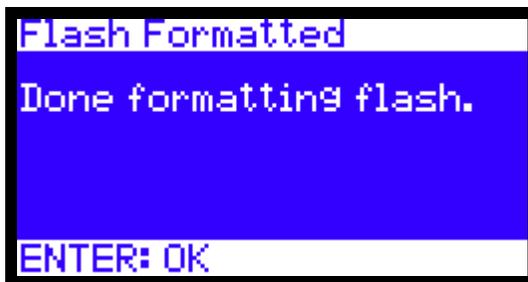


6. A warning is displayed. Press **ENTER** again to proceed:



You will see a brief message: "Please Wait...".

7. When complete, a message indicating "Done formatting flash" will be displayed. Press **ENTER**:



This will return you to the System Utilities screen.

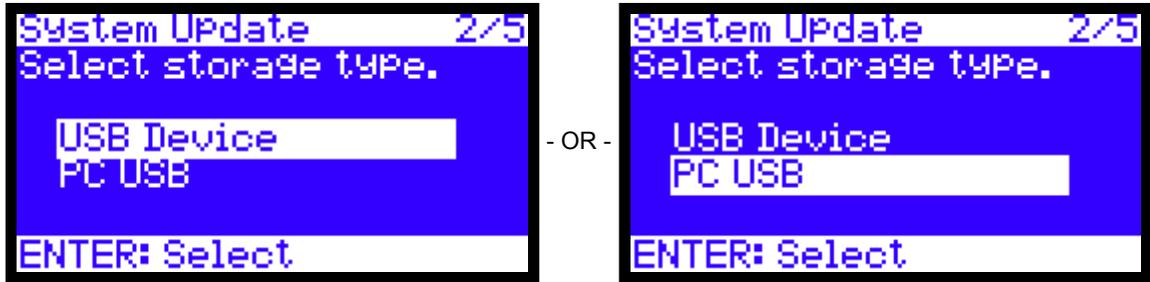
8. Press **CHANNEL/PAGE UP** twice to navigate to System Update (2/5):



9. **Select Storage Type:**

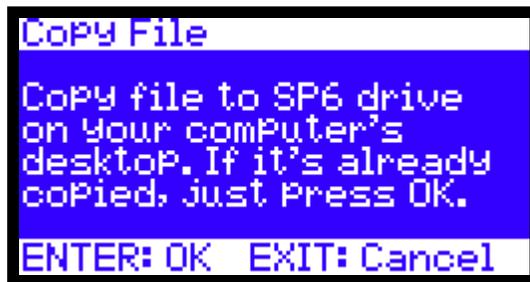
Using the **Previous/Next** buttons (or alpha wheel), select either:

- (a) **USB Device** (if installing from USB flash/thumb drive)
- OR-
- (b) **PC USB\*\*** (if installing via direct USB-PC cable connection)



Once chosen, **press ENTER** to proceed.

\*\* If choosing "PC USB" you will see the following prompt on the SP6 to copy the file now. On your computer, copy BOTH of the .KUF update files to the temporary removable disk mounted on your computer. Once copied, safely eject the temporary removable disk from your computer, then **press ENTER** on the SP6 to proceed.



10. Two KUF files must be installed in the correct order. **Select the SP6XB015.KUF file first** (as needed, use Previous/Next buttons or alpha wheel to navigate the file list and place the asterisk \* next to the .KUF file).

**Press ENTER** to begin loading the update:



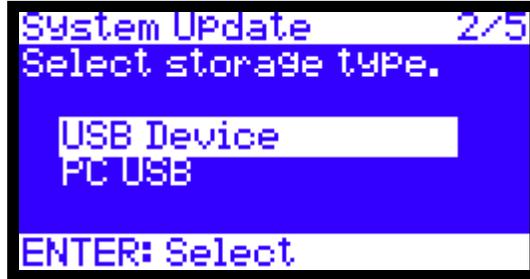
While loading SP6XB015.KUF, a progress screen will appear. When installation is complete, a message will appear indicating the file "was installed". **After SP6XB015.KUF has been installed, power the SP6 off.**

11. **Power Off and Enter SYSTEM MODE again:**

Make sure to power the SP6 OFF and enter system mode again. **Press/Hold the ENTER button and turn the SP6 on.** Release the ENTER button when the System Mode's menu of options appear on the screen: (see below)



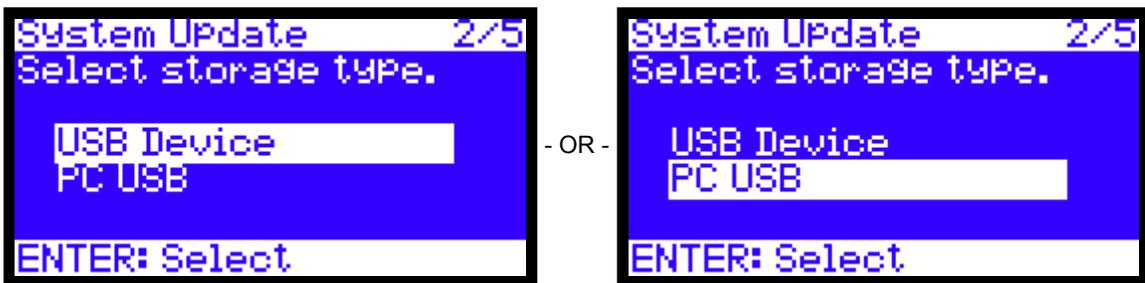
12. Press **CHANNEL/PAGE UP** once to navigate to System Update (2/5):



13. **Select Storage Type:**

Using the **Previous/Next** buttons (or alpha wheel), select either:

- (a) **USB Device** (if installing from USB flash/thumb drive)
- OR-
- (b) **PC USB\*\*** (if installing via direct USB-PC cable connection)



Once chosen, press **ENTER** to proceed.

\*\* If choosing "PC USB" you will see the following prompt on the SP6 to copy the file now. On your computer, copy BOTH of the .KUF update files to the temporary removable disk mounted on your computer. Once copied, safely eject the temporary removable disk from your computer, then press **ENTER** on the SP6 to proceed.



14. **Select the SP6V152.KUF file** (as needed, use Previous/Next buttons or alpha wheel to navigate the file list and place the asterisk \* next to the .KUF file).

Press **ENTER** to begin loading the update:



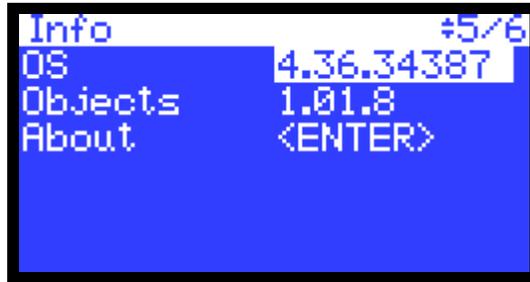
While loading SP6V152.KUF, various progress screens will appear. A progress bar will move from 0 to 99% a few times while several components are installed. During this process the progress bar may pause at 99%, this is normal. The final stage "Updating external device..." may take a few minutes.

When installation is complete, a message will appear indicating the file "was installed".

15. **Power the SP6 off and back on.** The SP6 will reboot to normal operating mode and is ready for use.

16. Confirm the OS and Objects were installed correctly:

Once powered back up, go to GLOBAL mode, press **CHANNEL/PAGE DOWN** twice to navigate to INFO (5/6): Confirm you see the following:



If for some reason the install did not complete properly, simply power off and repeat from the beginning.