KURZWEIL FORTE®SE
System Update Instructions
(KUF v2.20)

8/30/21

FILES INCLUDED IN THIS DOWNLOAD:

Filename	Purpose
ForteSE-v220 Update Procedure.pdf	This document, detailing installation steps
ForteSE-v220 Release Notes.html	A detailed history of all OS enhancements and fixes
FTSEV220.KUF	Update file containing OS 4.37.35191, Objects 2.01.12, Boot Loader v1.20.35163

UPDATE METHODS:

The Forte SE can be updated by one of two methods:

- Method (a): <u>USB storage device</u>
  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):<u>direct USB connection to computer</u>
  requires: Computer (Mac or PC) with USB port + USB cable.

!! CAUTIONS !!

- All user objects (Programs/Multis, etc) will be deleted during the install process. Before updating, you must back up any custom programming for safe keeping .
  (See chpt 12 in the Forte SE Musician's Guide for additional details on saving/reloading your custom data.)

- It is important that the install is not disrupted once loading begins. Powering off the Forte SE or your PC, removing the USB device or USB cable in the middle of loading could leave the Forte SE inoperable and then require repair service to restore.

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

   -OR-

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

2. **Copy the Update File (.KUF):**

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

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

3. **Enter SYSTEM MODE:**

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

```
Forte SE System Mode      v1.18.26040   ALT



Run      System Run      System System
ForteSE  Update Diags    Reset   Utilities
```

You will use the various "soft buttons" under the screen to control the update process.

4. **Press System Utilities:**

```
Forte SE System Mode      v1.18.26040   ALT



Run      System Run      System System
ForteSE  Update Diags    Reset   Utilities
```

5. **Press Format Flash:**

```
System Utilities



Format Update Restore
Flash  Module Older              Back
```

6. **Press OK:**

```
Format Flash

This will delete all user data, OS images,
and installed objects. Are you sure?



                              OK      CANCEL
```
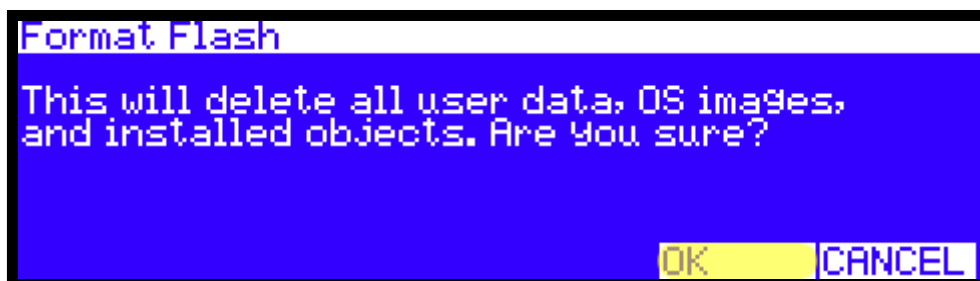
You will see a brief "Please Wait..." followed by "Done formatting flash".

7. **Press <u>OK</u>**:

```
Flash Formatted
Done formatting flash.



                                  OK
```
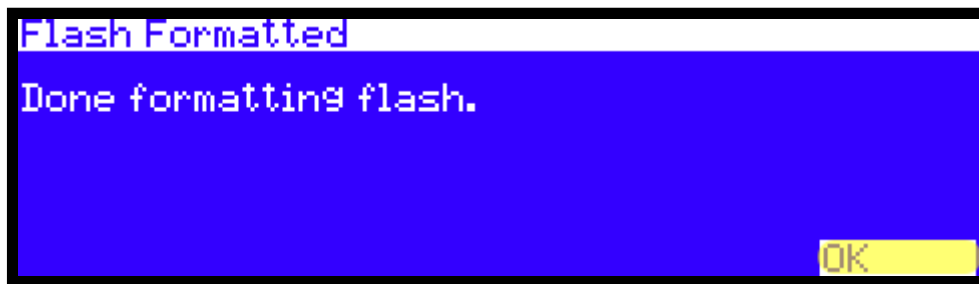
This will return you to the Main System Mode screen.

8. **Press <u>System Update</u>:**

```
Forte SE System Mode      v1.18.26040  ALT




Run    System Run      System System
ForteSE Update Diags   Reset  Utilities
```
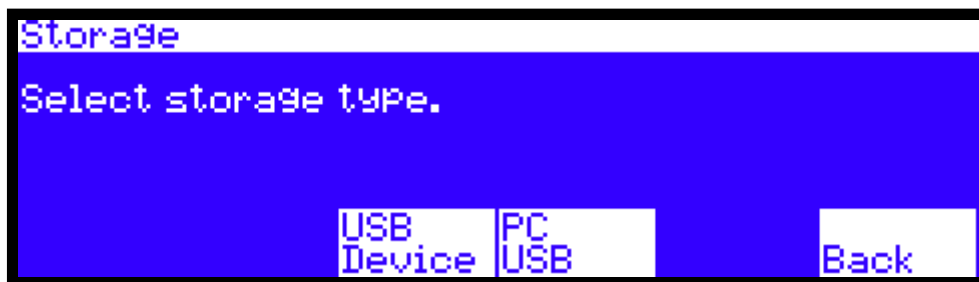
9. **Select Storage Type:**

Pick either-
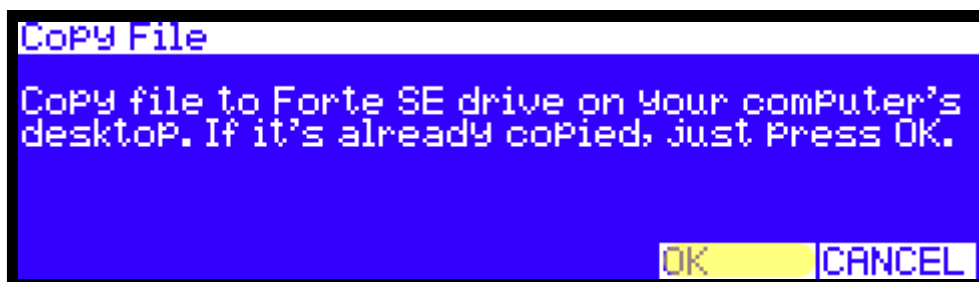(a) <u>USB Device</u> (if installing from USB flash/thumb drive)
-OR-
(b) <u>PC USB</u>** (if installing via direct USB-PC cable connection)

```
Storage
Select storage type.



            USB    PC
            Device USB              Back
```

** <u>If choosing "PC USB"</u> you will see the following prompt on the Forte SE to copy the file now. On your computer, copy the .KUF update file to the temporary removable disk mounted on your computer. Once copied, safely eject the temporary removable disk from your computer, then **press <u>OK</u>** on the Forte SE to proceed.

```
Copy File
Copy file to Forte SE drive on your computer's
desktop. If it's already copied, just press OK.



                                OK       CANCEL
```

10. **Select the .KUF file** (as needed, use the data wheel, up/dn cursor and +/- buttons to navigate the list and place the asterisk next to the .KUF file):

```
Select File (.KUF files only) \
* FTSEV220.KUF   7976K




                          UP     OK     CANCEL
```

11. **Press OK** to begin loading the update:

```
Select File (.KUF files only) \
* FTSEV220.KUF   7976K




                          UP     OK     CANCEL
```

Various progress screens will appear while the file is loaded. 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:

```
Loading file
Installing FTSEV220.KUF

     Extracting OS file

[████████████████           ]
                          47%

                          CANCEL
```

The final stage "Updating external device..." may take up to 5 minutes:

```
Installing

Updating external device ...



```

When installation is complete, you will see:

```
Installed

File FTSEV220.KUF was installed.

Please reboot.


```

12. **Power the Forte SE off and back on.** The Forte SE will reboot to normal operating mode and is ready for use.

13. **Confirm the OS and Objects were installed correctly**: Once powered back up, go to GLOBAL mode, locate and press the TOOLS menu soft button, then press the INFO menu soft button. Confirm you see the following:

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