


# Software Update (CA98/CA78)

This document contains instructions for updating the software of the CA98/CA78 digital piano. Please read these instructions thoroughly before attempting to perform the software update. The update procedure is performed in three stages and will require approximately 2 hours to complete.

 The software update will clear any user-recorded songs stored in the instrument's memory. To retain this data, please use the Save Song function to save recordings to a USB memory device.

## ■ Update requirements

The software update will require a computer with internet access and an empty USB memory device.

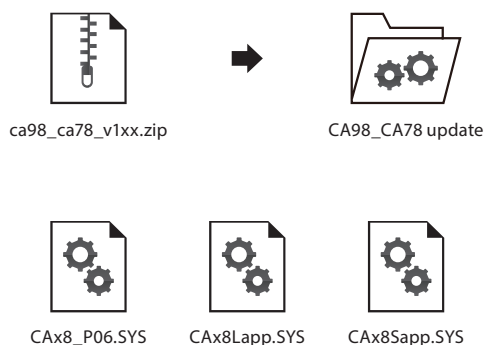
\* The USB memory device should be formatted to use the 'FAT' or 'FAT32' filesystem.

## ■ Preparing for the update

After downloading the software update zip file, extract the contents to a temporary folder (e.g. the Desktop).

The folder should contain three SYS files.

| Filename    | Filesize  |
|-------------|-----------|
| Cx8_P06.SYS | 3,200 KB  |
| Cx8Lapp.SYS | 17,588 KB |
| Cx8Sapp.SYS | 208 KB    |



## ■ Checking the current software version

While the CA98/CA78 digital piano is turned on:

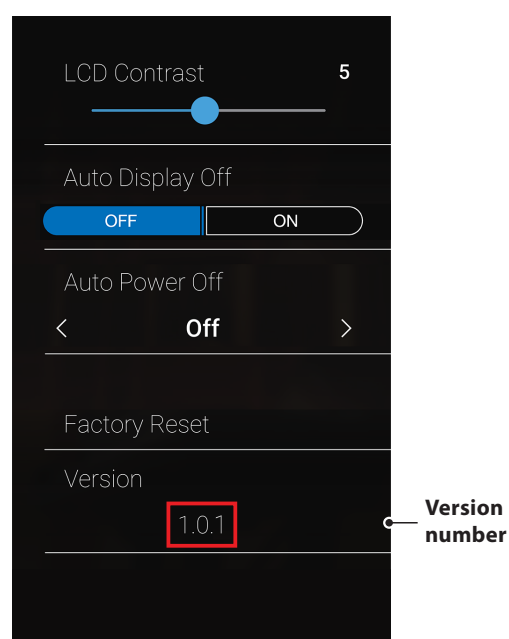
From the Pianist mode screen, tap the [MENU] button, then select [Settings] and scroll to the bottom of the menu.

The current software version will be shown in the LCD display.

If the software version number is greater than or equal to the update version, no further action is necessary.

\* Exit the menu to return to normal operation.

If the software version number is lower than the update version, please continue to follow the instructions below.



## 1 System software update

The first stage will update the system software of the CA98/CA78 digital piano.

This procedure will require approximately 2 minutes to complete.

### 1. Format the USB memory device

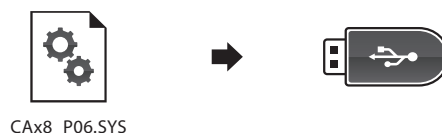
Using a computer, format the USB memory device to ensure that the device is empty.



\* The USB device should be formatted to the 'FAT' or 'FAT32' filesystem.

### 2. Copy the update file to the USB memory device

Copy the **CAx8\_P06.SYS** file from the temporary folder to the root folder of the formatted USB memory device.



### 3. Connect the USB memory device, turn on the power

While the digital piano is turned off, connect the prepared USB memory device to the instrument.

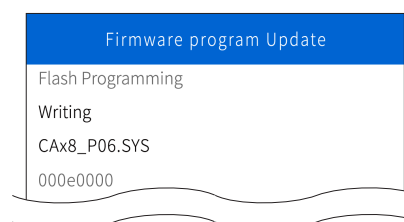


Press and hold the uppermost **E**, **A**, **B**, and **C** keys (see diagram) simultaneously, then press the **POWER** button to turn on the digital piano.



The Firmware program Update screen will be shown, and the update process will start automatically, with status messages shown in the LCD display.

\* Do not disconnect the USB memory device or turn off the instrument while the update is in progress.



### 4. Finish the update, disconnect the USB memory device

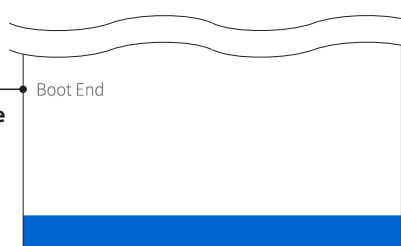
After approximately 1 minute a [Boot End] message will be shown in the LCD display, indicating that the first stage of the update has been successful.

Disconnect the USB memory device, then press and hold the **POWER** button to turn the instrument off.

Next, continue to stage 2.

\* If the update is unsuccessful, restart the process from step 1.

Stage complete



# Software Update (CA98/CA78)

## 2 LCD touchscreen software update (1/2)

The second stage will update the LCD touchscreen software of the CA98/CA78 digital piano.  
This procedure will require approximately 10 minutes to complete.

### 1. Format the USB memory device

Using a computer, format the USB memory device to ensure that the device is empty.



\* The USB device should be formatted to the 'FAT' or 'FAT32' filesystem.

### 2. Copy the update file to the USB memory device

Copy the **CAx8Sapp.SYS** file from the temporary folder to the root folder of the formatted USB memory device.



CAx8Sapp.SYS

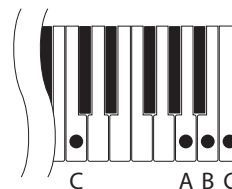


### 3. Connect the USB memory device, turn on the power

While the digital piano is turned off, connect the prepared USB memory device to the instrument.



Press and hold the uppermost **C**, **A**, **B**, and **C** keys (see diagram) simultaneously, then press the **POWER** button to turn on the digital piano.



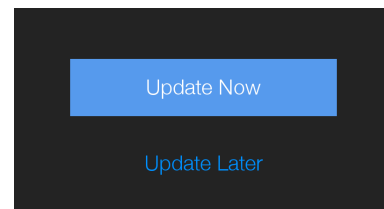
The touchscreen software update screen will be shown.

### 4. Start the update

Tap the [Update Now] button to start the update process.

The update status and percentage progress will be shown in the LCD display.

\* Do not disconnect the USB memory device or turn off the instrument while the update is in progress.



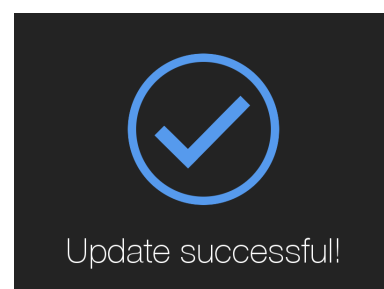
### 5. Finish the update, disconnect the USB memory device

After approximately 10 minutes an [Update successful!] message will be shown in the LCD display.

Disconnect the USB memory device, then press and hold the **POWER** button to turn the instrument off.

Next, continue to stage 3.

\* If the update is unsuccessful, restart the process from step 1.



## 3 LCD touchscreen software update (2/2)

The third and final stage will complete the LCD touchscreen software of the CA98/CA78 digital piano. This procedure will require approximately 120 minutes to complete.

### 1. Format the USB memory device

Using a computer, format the USB memory device to ensure that the device is empty.



\* The USB device should be formatted to the 'FAT' or 'FAT32' filesystem.

### 2. Copy the update file to the USB memory device

Copy the CAx8Lapp.SYS file from the temporary folder to the root folder of the formatted USB memory device.



CAx8Lapp.SYS

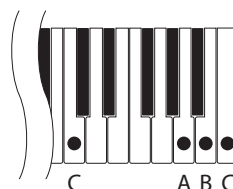


### 3. Connect the USB memory device, turn on the power

While the digital piano is turned off, connect the prepared USB memory device to the instrument.



Press and hold the uppermost C, A, B, and C keys (see diagram) simultaneously, then press the POWER button to turn on the digital piano.



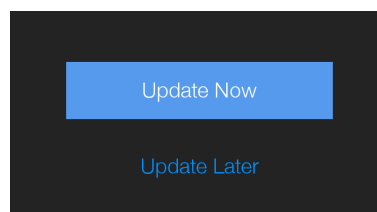
The touchscreen software update screen will be shown.

### 4. Start the update

Tap the [Update Now] button to start the update process.

The update status and percentage progress will be shown in the LCD display.

\* Do not disconnect the USB memory device or turn off the instrument while the update is in progress.



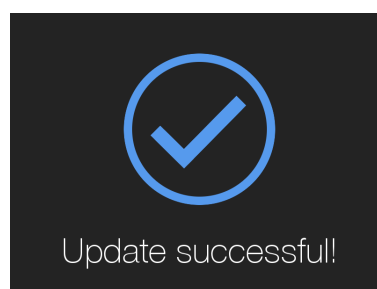
### 5. Finish the update, disconnect the USB memory device

After approximately 120 minutes an [Update successful!] message will be shown in the LCD display.

Disconnect the USB memory device, then press and hold the POWER button to turn the instrument off.

With all three stages of the update complete, when the instrument is turned on, the updated software will be used automatically.

\* If the update is unsuccessful, restart the process from step 1.



## Troubleshooting

### ■ Update error messages

If an error message is displayed during the update process, please take the following actions depending on the error.

#### **USB device not found.**

The digital piano does not recognise the connected USB memory device.

- ➔ Check that the USB memory device is properly connected.
- ➔ Check that the USB memory device is not broken.
- ➔ Check that the USB memory device is formatted to use the 'FAT' or 'FAT32' filesystem.

#### **The update file could not be found.**

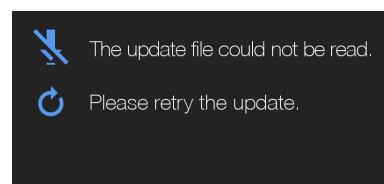
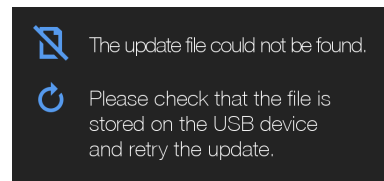
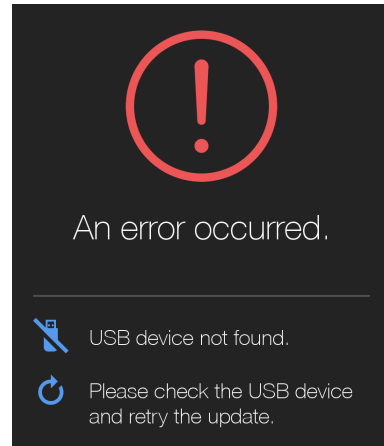
The digital piano could not find the update file stored on the connected USB memory device.

- ➔ Check that either the **CAx8Sapp.SYS** or **CAx8Lapp.SYS** update file is stored in the root folder of the USB memory device.
- ➔ As a precaution, remove any other files or folders that may be stored on the USB memory device.

#### **The update file could not be read.**

The digital piano encountered a problem while trying to read the update file stored on the connected USB memory device.

- ➔ Turn off the digital piano, remove the USB memory device, and restart the update process from step 2 (Connecting the USB memory device).



# Software Update (CA98/CA78)

## ■ CA98/CA78 software changelog

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### V1.02 (December 2017)

- Fixed: Issue related to incorrect display at power-on time.
- Fixed: Issue related to incorrectly displayed sound when using Dual/Split/Four Hands keyboard modes.
- Improved: Damper Noise parameter volume.
- Fixed: Issue related to the Metronome display.
- Fixed: Issue related to the A-B repeat function.
- Fixed: Issue related to the song recorder.

### V1.01 (October 2017)

- Fixed: Issue related to Damper Noise parameter saving.
- Fixed: Issue related to Pianist Demos.
- Fixed: Issue related to the Concert Magic song title display.
- Fixed: Issue related to the song recorder.
- Fixed: Issue related to the display of files stored on USB memory.
- Fixed: Issue related to the song delete function.

### V1.00 (October 2017)

- First production version.