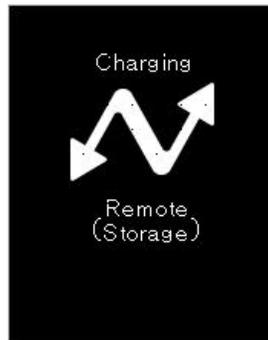




### **LS-100 Firmware Update Procedures (Macintosh)**

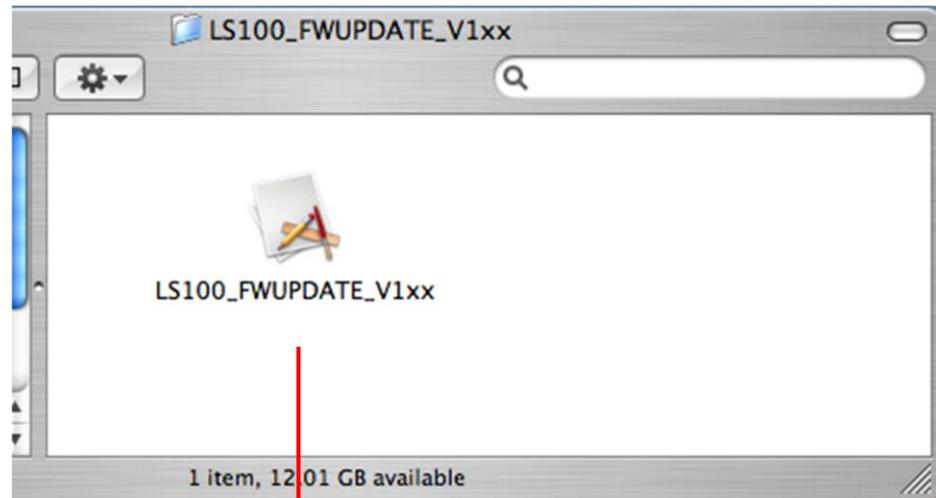
1. Materials to Prepare:
  - a. LS-100 Digital PCM Recorder
  - b. An Apple Macintosh series with one or more free USB ports that has a standard installation of Mac OS 10.4.11 to 10.9.
2. Download the update program:
  - a. Read through the license agreement and after agreeing to it download the firmware from the link. → LS-100 Firmware Download <\* Web Explanation. Link to License Agreement>
3. Connect the recorder to your computer.

Check that the recorder's LCD screen switches to a display like the one shown below.



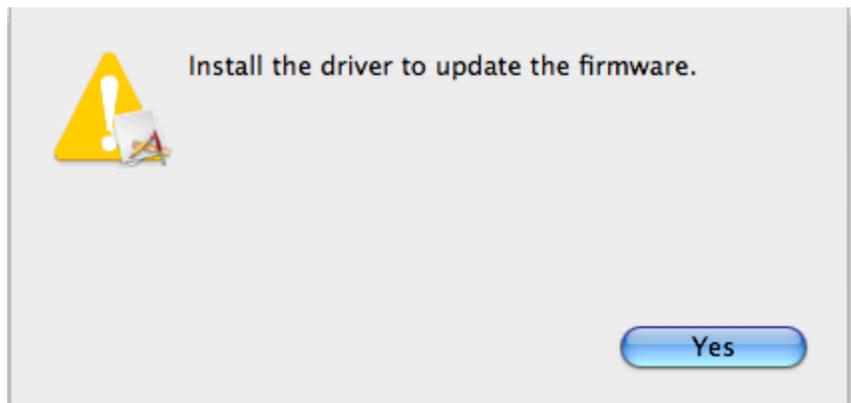
4. **Always backup important files to your computer before updating the recorder's firmware.**
5. Exit all application software (programs) that are currently running on your computer

6. Double click on the downloaded and save update program. When the window below is displayed, double click on the “LS-100\_FWUPDATE\_V1.XX”.

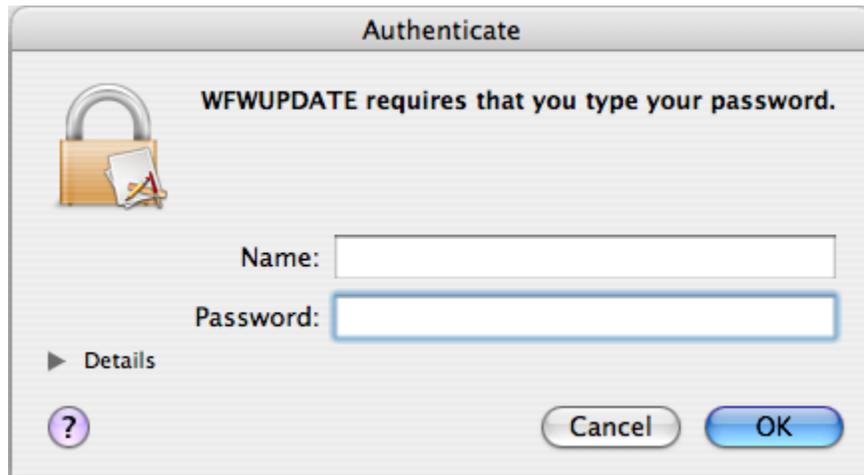


Double click

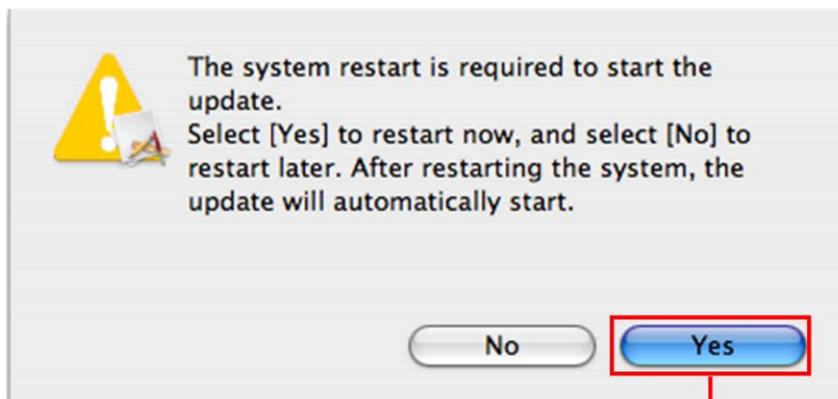
7. A driver must be installed to update the firmware. When the message box below is displayed select “Yes”



- When the message box below is displayed, enter your user name and password and select "OK". (If you have not set a password, select "OK" with the password blank.



- You will be requested to reboot your computer when the driver installation is finished. Select "Yes" to reboot your computer.



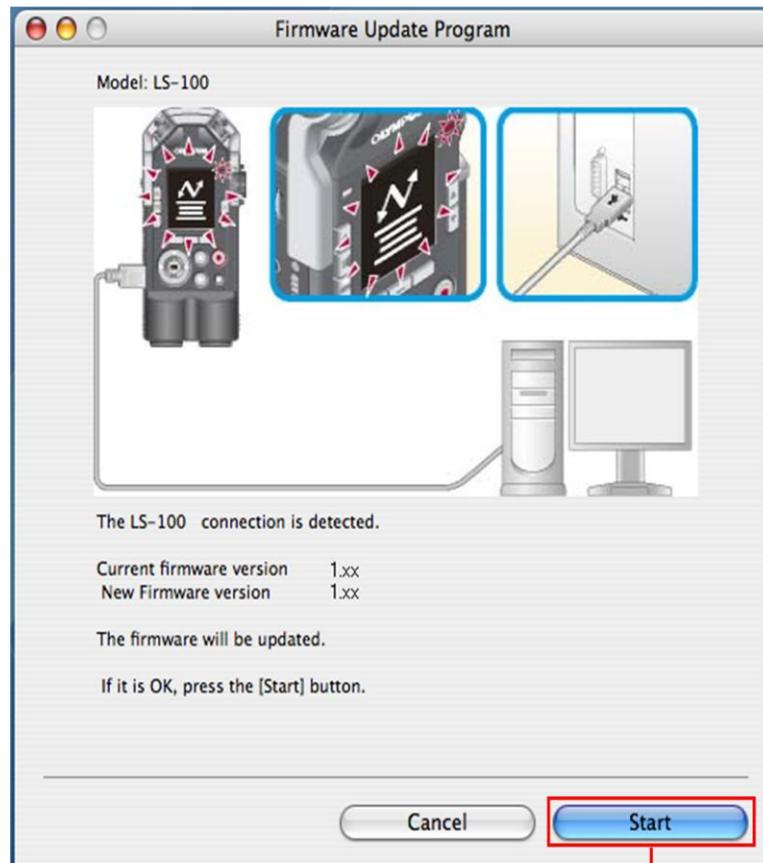
Click "Yes"



## Caution

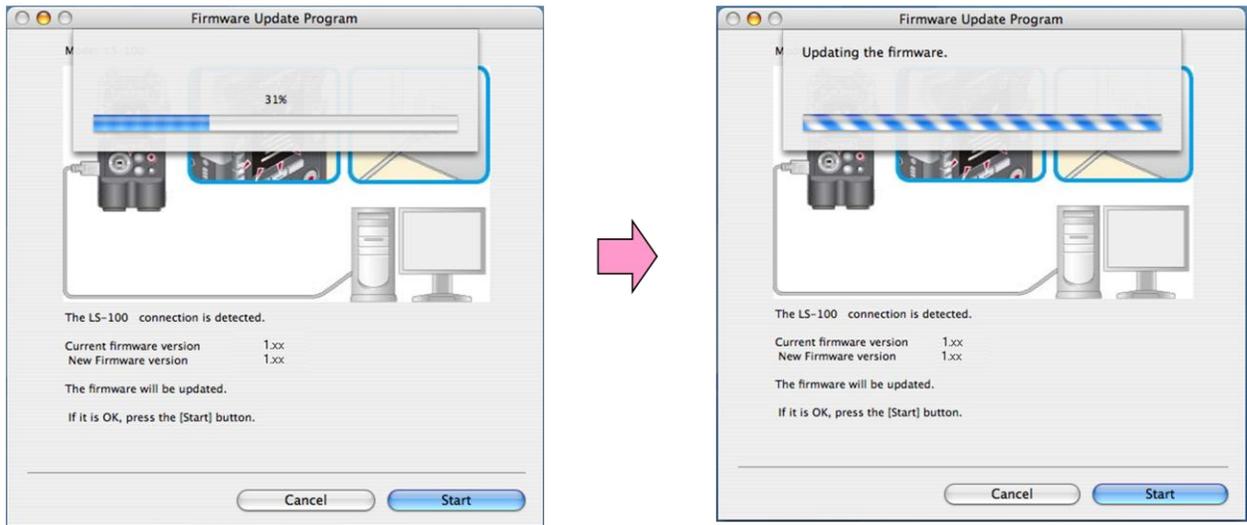
Do not operate the recorder during the update.  
Also, do not disconnect the recorder from the computer  
under any circumstances.

10. Run the update. Click “Start”.

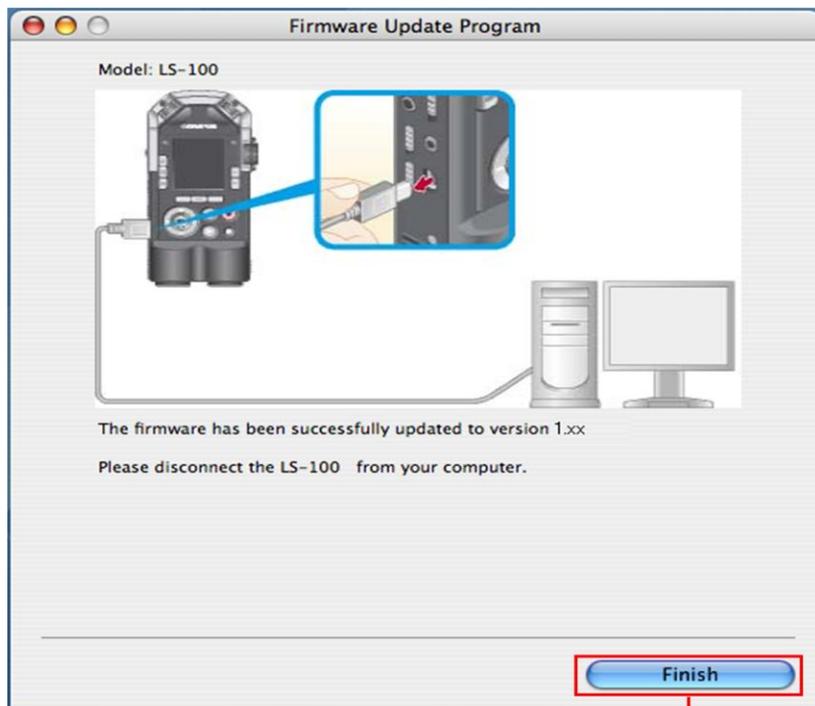


Click “Start”

11. The display will automatically change to the one shown below.



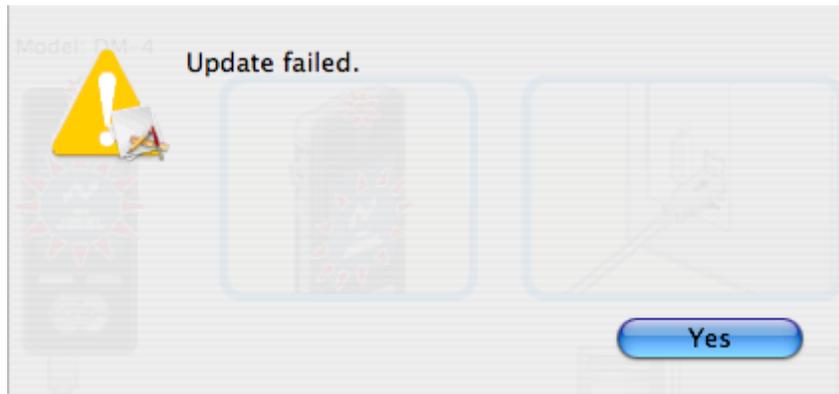
12. After “The firmware has been successfully updated to version 1.20” is displayed, click “Finish”



Click “Finish”

After “The firmware has been successfully updated to version 1.20 is displayed, the will reconnect to the computer. When the “Remote (Storage)” display appears on the recorder’s LCD, proceed to step 14.

If the update fails and a message like the one shown below is displayed, refer to “**Actions when the Update Fails**”.



**13. Remove the recorder from the computer.**

After dragging and dropping the LS-100 icon to the trash can icon, remove the recorder from the computer.



**14. Check the Firmware version:**

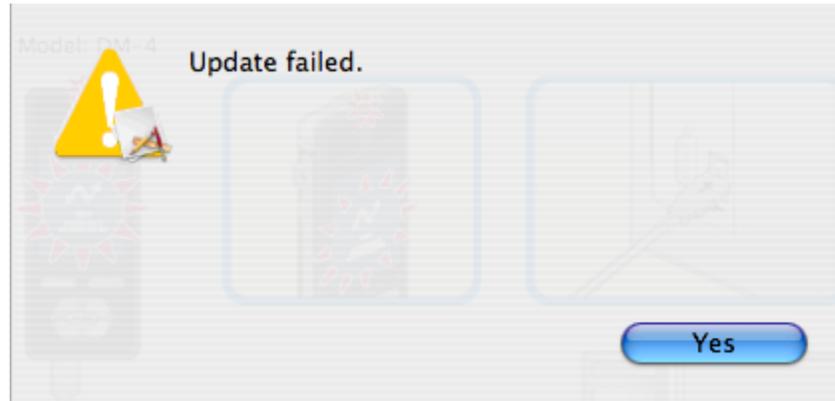
If there is no battery in the recorder, please insert the battery and turn on the recorder. Select “MENU” then “Device Menu” > “System Information” and the version information will be displayed in “Version”.

**15. Connect the recorder to the computer and copy the desired data:**

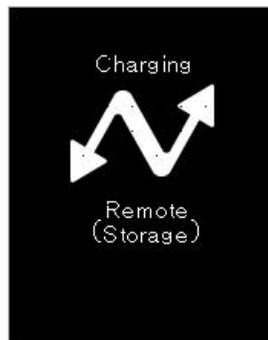
If you backed up your data in step 4 connect the recorder to your computer and save the data to the recorder.

## Actions when the Update Fails

This page shows the actions to take if an message like the one shown below is displayed during the update.



1. Disconnect the recorder from the computer, turn off the recorder, then take out and reinsert the lithium-ion battery. Turn on the recorder and verify that it starts normally and reconnect the recorder to the computer again. Checked that the recorder's LCD screen switches to a display like the one shown below.



**If the recorder does not start or if the LCD screen does not change even when connected to the computer, please contact our Olympus Technical Support at (888) 553-4448 for support/inquires and request repairs for the recorder.**

2. If you perform update (Step 6), the Step 10 screen is displayed. The rest of the operation is the same as the normal update procedure. Perform step 10.

When the update finishes, perform the operation from update step 13, "Remove the recorder from the computer".