

System Firmware Update Instructions using a USB memory device

NOTE:

- If you have any difficulty carrying out these instructions, please first refer to the System Firmware Update FAQ included in this document and/or contact Pioneer Customer Service Center.

A. Check the current firmware version of the home theater system:

Using the home theater system's remote control:

1. Press the "STANDBY/ON" button to switch the unit on.
- * If the home theater system starts to play a disc, press the "STOP" button and wait until the Pioneer logo is displayed on your TV.
2. Press the "Home Menu" button to display the "HOME MENU".
3. Select "Initial Setup" and press the "ENTER" button.
4. Select "Options" and press the "ENTER" button.
5. Select "System information" and press the "ENTER" button.
6. Select "Next Screen" and press the "ENTER" button.
7. The firmware version of your home theater system will be displayed on the TV screen. If the version number is **V39.39.09** or higher, it is not necessary to update the firmware. If the version number is less than **V39.39.09**, it is necessary to update the firmware. Please continue to section B.

B. Download the system firmware ZIP file from Pioneer's website:

1. Download the file named "**BD-HTS5_V39.39.09.zip**" from the website to a folder on your computer.

C. Preparing a USB memory device for the System Firmware Update:

1. Have your USB memory device ready
Requirements of your USB memory device:
 - USB specification 2.0.
 - 128 MB or more in capacity.
 - Should not contain any files.
2. Connect your USB memory device to your computer.
3. Double click the downloaded ZIP file "**BD-HTS5_V39.39.09.zip**" to open it.
4. Unzip it and save the files named "**MCS838_MCU.bin**", "**MCS838_V00.39.bin**", "**DLdiscidentifier.txt**" and "**DLdiscidentifier_MCU.txt**" to a folder on your computer.
5. Copy the all of files to your USB memory device.
6. Confirm the file name and the file size are correct on your USB memory device:
To check the file size in Microsoft Windows, select the file, press the right mouse button, and select "Properties". If the file name and size do not match the ones listed below, perform sections B and C again.

MCS838_MCU.bin	81.4Kbyte (83,440byte)
MCS838_V00.39.bin	66.7Mbyte (69,986,308byte)
DLdiscidentifier.txt	23byte
DLdiscidentifier_MCU.txt	32byte

* If the correct file is not copied to your USB memory device, your home theater system will not recognize it as an update USB memory device and you will not be able to carry out the update.

D. Update the home theater system's system firmware:

NOTE:

- The update process takes approximately 6 minutes to be completed.
- Before updating the system firmware, confirm that the disc tray is empty.
- When you insert or remove a USB memory device, be sure to turn the main power off.

1. Connect the USB memory device to the USB port on the home theater system's front panel.
 - * Be sure to connect your USB memory device to the USB port on the home theater system's front panel. If your USB memory devices are already connected to both the USB ports on the home theater system's front panel, disconnect the USB memory device on the front and replace it with the USB memory device which contain the system firmware update files.
2. Press the "STANDBY/ON" button to switch the home theater system on.
3. Press the "HOME MENU" button to display the "HOME MENU".
4. Select "Initial Setup" and press the "ENTER" button.
5. Select "Options" and press the "ENTER" button.
6. Select "Update" and press the "ENTER" button.
7. Select "USB Storage" and press the "ENTER" button.
 - * A message "Now the update file is under searching! Please wait ..." is displayed on your TV and "Here an update file has been found! Start update with version?" is displayed when the home theater system is ready to update.
 - * If your USB memory device is not properly installed or the correct firmware update file cannot be found on your USB memory device, a message "No valid update file is found! Please insert the right one ..." is displayed. In this case, check the files on your USB memory device, and then reinsert it correctly into your home theater system.
8. Press the "ENTER" button to start updating.
 - * Do not unplug the AC power cable during the updating process!
 - * "MPEG UPG" or "MCU UPG" will be displayed on the front panel display of your home theater system during the update process.
9. Wait for both the update and reboot processes.
 - * When the system firmware is successfully updated, a message "Update has completed successfully!" is displayed on your TV and "PIONEER" will be displayed on the front panel display of your home theater system during the reboot process.
 - * The home theater system will automatically start up after rebooting.
 - * If the update fails, check the files in your USB memory device and try again.
10. Check the firmware version by the same steps described in section A.
 - * If the version has not been updated, then perform the system firmware update again.
11. Press the "STANDBY/ON" button to switch the home theater system off.
12. Disconnect your USB memory device after the home theater system turns into standby mode.

System Firmware Update FAQ

Q: What do I do if the power cord is unplugged or a black out occurs during the update?

A: Power on the home theater system and try again starting at section D. If the home theater system does not start up, the home theater system will need repairs. In such an event, call Pioneer Customer Service Center.

Q: What do I do if the "MPEG UPG" or "MCU UPG" message does not appear on the front panel display as described in step 8 of section D?

A: There could be a problem with the update USB memory device you created. Try downloading the firmware file again, create another update USB memory device, and follow section D to update the home theater system's system firmware.

Q: What do I do if over 60 minutes have passed and the home theater system remains in the update process or reboot process?

A: Unplug the power cord then plug the power cord back in. Power on the home theater system and try again starting at section D. If the home theater system does not start up, the home theater system will need repairs. In such an event, call Pioneer Customer Service Center.

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