



## System Firmware Update Instructions for Pioneer CD Receivers (MVH-MS510BT and MVH-MS410BT)

This firmware update (version **8.09**) applies only to the following models of Pioneer products sold in Australia and New Zealand.

<b>MVH-MS510BT</b>
<b>MVH-MS410BT</b>

### **IMPORTANT**

Please download and print these firmware update instructions before downloading and installing the firmware update. It is important that you complete all steps correctly and in the order described below.

Note: If you have any questions, please contact Pioneer Customer Service toll free at If you have any questions, please contact Pioneer Customer Service at [tech.callcentre@pioneer.com.au](mailto:tech.callcentre@pioneer.com.au), Monday through Friday, 9:00 AM - 5:00 PM, excluding holidays.

In order to perform this update, the following items are needed:

- Pioneer CD receiver listed above.
- A USB storage device meeting the following requirements.
  - 2 GB or larger in capacity, formatted to FAT32
  - Blank (should not contain any files)

### **CAUTION**

- **DO NOT** turn your unit off or eject the USB storage device while the firmware is being updated.
- You can only update the firmware when the boat is stopped in the safe location.



## Checking the firmware version

Check whether the firmware of your unit needs to be updated by checking the version number of the firmware.

### Procedure:

1. Start the boat engine.
2. If AV Source is On, Press and hold SRC/OFF to set the unit Source OFF.



3. Press and hold SRC/OFF to display the "Initial" menu. then press to confirm.



4. Turn M.C. dial to select "SYSTEM UPDATE", then press to confirm.



5. Select the "SYSTEM INFO" to confirm the system info.



6. After the "SYSTEM INFO" screen appears, check the firmware version.



7. Verify that the firmware on your unit is not already **8.09**.

## Downloading the firmware update files from Pioneer's website

1. Download the firmware update files by clicking on the following link and finding your product:

<https://www.pioneer.com.au/firmwaresoftware/>

2. Extract the download file.

The Downloaded zip file will produce the following file when decompressed: (See the table below)

<b>MVH-MS510BT</b>	<b>19MARINE_A0809.scd</b>
<b>MVH-MS410BT</b>	

## Updating the firmware on your Unit

### IMPORTANT

<b>MVH-MS510BT</b>
<b>MVH-MS410BT</b>

- DO NOT perform this firmware update if the model number of your Pioneer product is anything other than one of the above models.
- Ensure that the update file is located within the root (top) folder of your USB storage device. There should be no other files within the USB storage device.
- While your unit is being updated, DO NOT turn off the system's power and DO NOT touch the unit's touchscreen as this may result in severe damage to your unit.
- DO NOT remove the USB storage device during the firmware update process.
- Performing the firmware update will restore all settings to their default values.
- Disconnect any external mobile devices that are currently connected to your unit.

## Procedure:

1. Connect a blank (formatted) USB storage device to your computer, and then locate and copy the “.scd” file onto the USB storage device.
2. Start the boat engine.
3. Connect the USB storage device to the USB input on your unit.
4. If AV Source is On, Press and hold SRC/OFF to set the unit Source OFF.



5. Press and hold SRC/OFF to display the Initial menu.



6. Turn M.C. dial to select "SYSTEM UPDATE", then press to confirm.



7. Select the "SW UPDATE" item for updating the unit to the latest software.



8. The "CHECK FILE" screen appears.

-> If it shows "ERROR" on the display, Try the following

"FILE ERROR" Confirm the software is correct, then restart Version up or change a new USB memory.



9. After starting, there will be a progress status while updating.  
-> If it shows "ERROR" on the display, Try the following  
"ERR->RETRY" Disconnect / connect the USB storage device. And press M.C. dial to retry Version up.



10. Wait for until the Version Up complete. (For about 5 minutes)  
-> The following screen will show if the Version Up ends successfully.



11. The product will reboot after the update is finished. Do not touch anything even when the screen is blacked out. After it has finished rebooting, the screen will return to the menu screen.



12. The firmware update is now complete. Your Pioneer CD Receiver is now ready for use.

## Check if the firmware has been updated

Perform the same procedure for "Displaying the firmware version" to check if the firmware has been updated.



## Procedure:

1. Start the boat engine.
2. If AV Source is On, Press and hold SRC/OFF to set the unit Source OFF.



3. Press M.C. (multi-control) to display the "Initial" menu. then press to confirm.



4. Turn M.C. dial to select "SYSTEM UPDATE", then press to confirm.



5. Select the "SYSTEM INFO" to confirm the system info.



6. After the "SYSTEM INFO" screen appears, check the firmware version.





Contact Information

Pioneer Customer Support Center

[tech.call.centre@pioneer.com.au](mailto:tech.call.centre@pioneer.com.au)

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