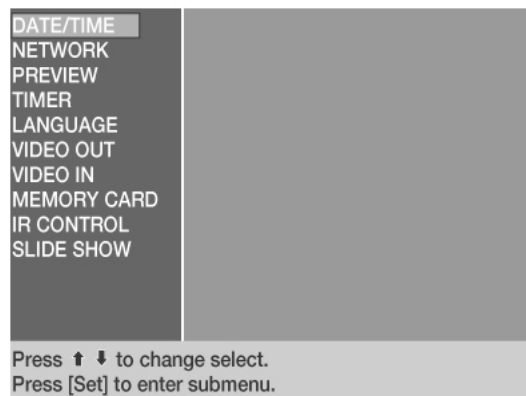# Media Player MP-01/SB-L008KU
Software Update Manual

This manual explains how to update the internal software for the media player.

The internal software includes the "Firmware", "Kernel", and "Loader", and you can find the latest versions on the media player's download page on our Web site.
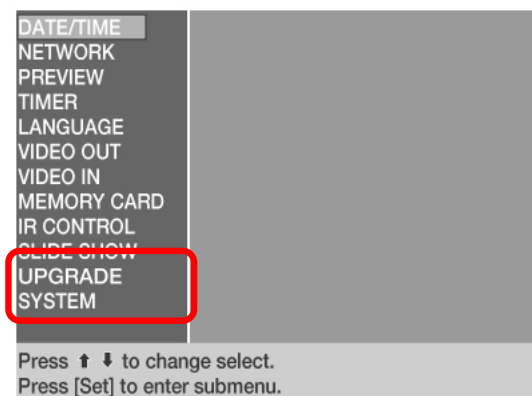
---

1. Turn on the media player.

---

2. When the OSD menu opens, press "▲", "▼", "▲", "▼", and finally "SET" on the remote control.*
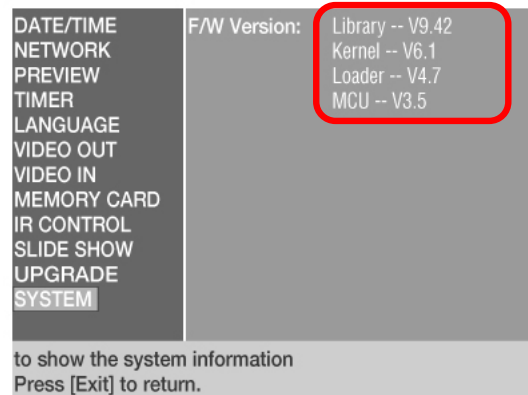
    * Perform this operation when the sub-menu on the right-hand side is closed.

---

3. When "Update" and "System" are displayed on the OSD menu, select "System".

4. **The media player's firmware (displayed as Library), Kernel, and Loader versions are displayed on the OSD menu.**

DATE/TIME
NETWORK
PREVIEW
TIMER
LANGUAGE
VIDEO OUT
VIDEO IN
MEMORY CARD
IR CONTROL
SLIDE SHOW
UPGRADE
SYSTEM

F/W Version:
Library -- V9.42
Kernel -- V6.1
Loader -- V4.7
MCU -- V3.5

to show the system information
Press [Exit] to return.

5. **Open the download page for the media player on our Web site.**
   http://www.nec-display.com/dl/en/dp_soft/m_player/index.html

Media Player Download

Media Player **MP-01**
Media Player Board **SB-L008KU**

- Firmware
- Kernel
- Loader

MP-01

Software can be downloaded to update Media Player firmware, kernel, and authoring software.

Firmware

Changes in Ver. 9.49
- In order to prevent remote control operation problems due to some fluorescent lights, repeated entry with key hold of remote control has been disabled. (MP-01 only) *1
- *1 When moving on the OSD menu display, press the direction key the required number of times.

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Kernel

Changes in Ver. 6.1
- Improved the self monitoring function
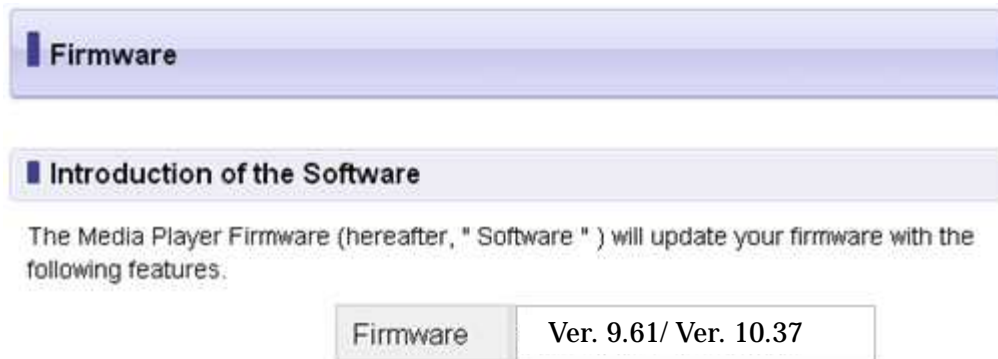
Loader

Changes in Ver. 4.7
- Added support for Media Player board SB-L008KU

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Authoring software update module Ver. 2.1.0.0

6. **When you select the firmware, kernel, or loader, you will see that two different versions are available for each.**

In the following example you can see two different firmware versions, for ex. Ver. 9.xx and Ver. 10.xx. (where xx is a number)

.

| Firmware | Ver. 9.61/ Ver. 10.37 |

* This ver. number is example.

7. **Check the version number on the OSD menu in step 4, and then download the latest software version that has the same number before the decimal point (for example "9" or "10" in the screen shot above).**

OSD menu version and the corresponding software found on the Web page

(where xx is a number)

	OSD menu version display	Applicable software on the Web site	* Reference
Firmware (Library)	For V 9.xx or lower	Ver. 9.xx	*a
	For CN V 10.xx	Ver. 10.xx	*b
Kernel	For V 6.xx or lower	Ver. 6.xx	*a
	For V 7.xx	Ver. 7.xx	*b
Loader	For V 4.xx or lower	Ver. 4.xx	*a
	For V 5.xx	Ver. 5.xx	*b

*Reference) You can check the corresponding firmware by checking the serial number on your media player.

When the third digit in the serial number is 0 (Ex. xx0xxxxxxx): Software from row *a in the table

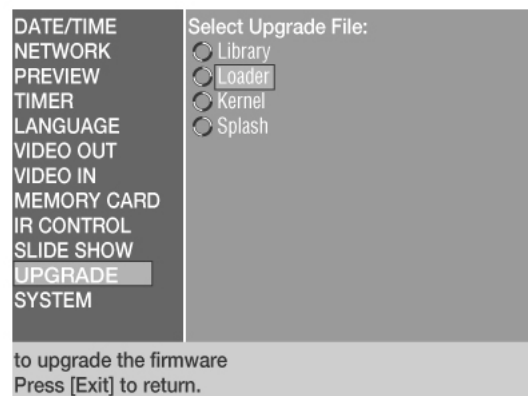When the third digit in the serial number is 1 (Ex. xx1xxxxxxx): Software from row *b in the table

8. **If the Web site offers a later version of the software than the version displayed on the OSD menu, download and extract the latest version.**

9. **After extracting, copy each file to the root folder (main folder) of a USB memory stick.**
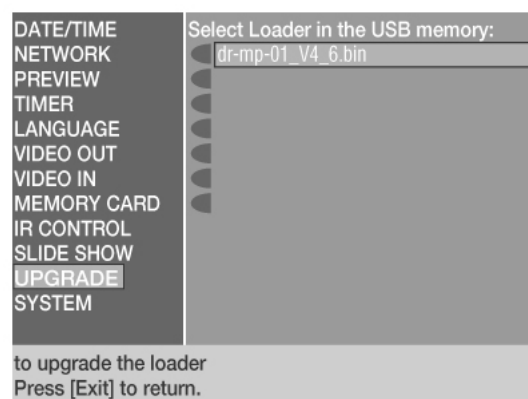
10. **Connect the USB memory stick to the media player, turn on the media player, and then open the OSD menu.**

11. **Display "Update" and "System" as explained in step 2, and then select "Update".**

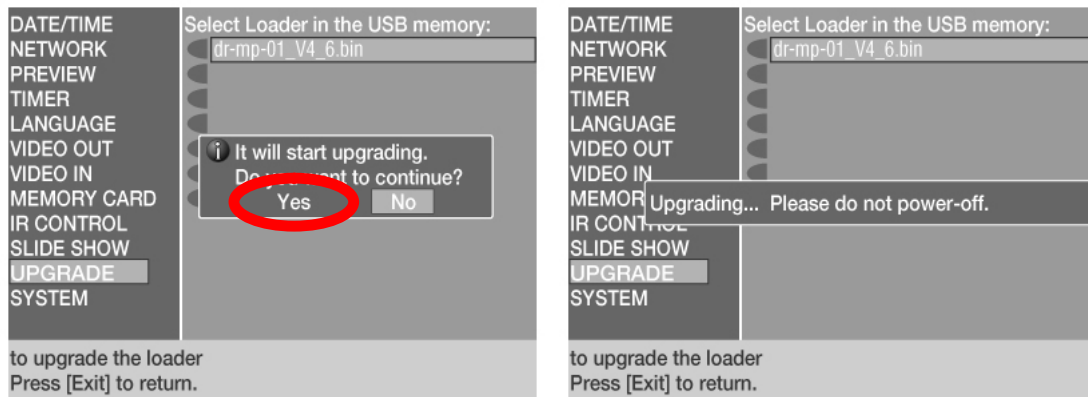* Only perform an update if necessary. If it is necessary, update in the order Loader, Kernel, and then Library.

```
DATE/TIME        Select Upgrade File:
NETWORK          ○ Library
PREVIEW          ○ Loader
TIMER            ○ Kernel
LANGUAGE         ○ Splash
VIDEO OUT
VIDEO IN
MEMORY CARD
IR CONTROL
SLIDE SHOW
UPGRADE
SYSTEM

to upgrade the firmware
Press [Exit] to return.
```

12. **Check the file name of the update file, and then select the file.**

```
DATE/TIME        Select Loader in the USB memory:
NETWORK          dr-mp-01_V4_6.bin
PREVIEW
TIMER
LANGUAGE
VIDEO OUT
VIDEO IN
MEMORY CARD
IR CONTROL
SLIDE SHOW
UPGRADE
SYSTEM

to upgrade the loader
Press [Exit] to return.
```

13. **When a confirmation dialog is displayed, select "Yes", and then wait until the update is complete.**

    * Do not turn off the media player until the update is complete.

14. **When the update is complete, the media player restarts automatically.**

15. **If you need to perform further updates, return to step 9 and continue updating.**

16. **Finally, repeat steps 2 to 4 to check the software version.**

This completes updating the software.

Q & A and Troubleshooting

● What should I do if I update using the wrong software from the Web site?

-> The software name is not displayed on the OSD menu "Update" screen (step 12), or
   "Upload failed" is displayed while updating and the update was canceled (step 13).
   In this situation, download the correct software and perform the update again.

● "Upload failed" is displayed while updating in step 13.

-> The wrong software is being used. See step 7 to download the correct software and then
   update.

● The software name is not displayed on the OSD menu "Update" screen in step 12.

-> The wrong software may be being used. If the software is wrong,
   see step 7 to download the correct software and then update.

● What should I do if the wrong firmware was applied to the SD card directly?

-> If the wrong firmware is applied, you cannot advance beyond the start screen.
   Change to the correct firmware from the Web site, and then update.