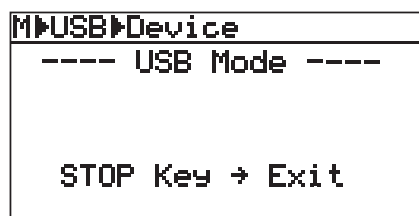
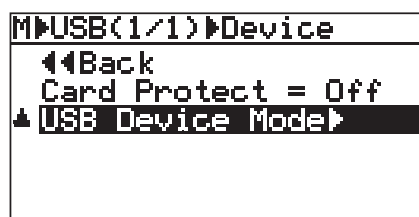
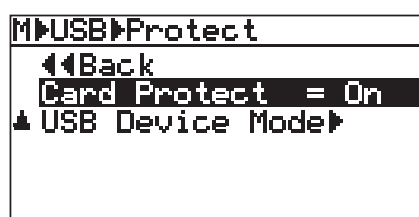
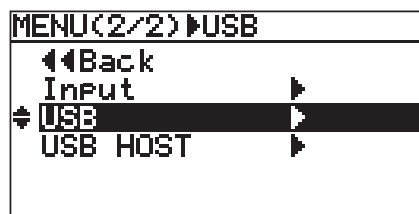
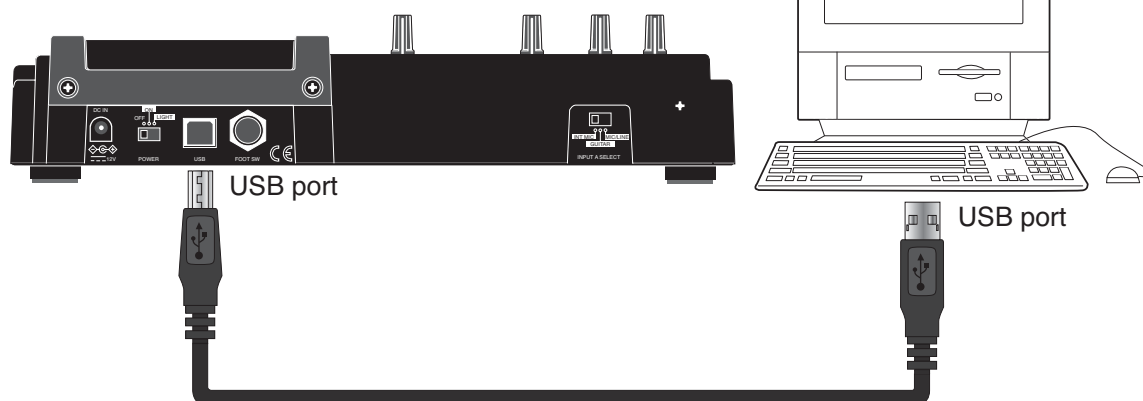


## MR-8mkII Software Update Procedures

1. Plug an operation confirmed CF (compact Flash) card which is properly formatted and recognized by MR-8mkII into the CF card slot on the right side of MR-8mkII.
2. Connect the AC adapter AD-12A to the MR-8 DC IN jack on the rear panel and power it on. After a short while, the normal display appears on the LCD.
3. Press the [MENU/ENTER] key to enter the MENU mode.
4. Rotate the [JOG] dial and select the "USB" menu.
5. Press the [MENU/ENTER] key.
6. Rotate the [JOG] dial and select the "Card Protect" menu.
7. Press the [MENU/ENTER] key and set "Card Protect" to "Off" by rotating the [JOG] dial to counterclockwise. Then, press the [MENU/ENTER] key. With this setting, the Disk Protect mode is turned off indicating the condition that the software update file can be copied to the MR-8mkII CF card.
8. Rotate the [JOG] dial and select the "USB Device Mode" menu.
9. Press the [MENU/ENTER] key. If MR-8mkII is correctly put into the USB mode, the display on the right will appear on the LCD. Now MR-8mkII is ready to connect to PC or Macintosh.
10. Connect the USB cable from the MR-8mkII USB port on the rear panel to PC on which Windows XP/2000 is running or Macintosh on which OS X is running.



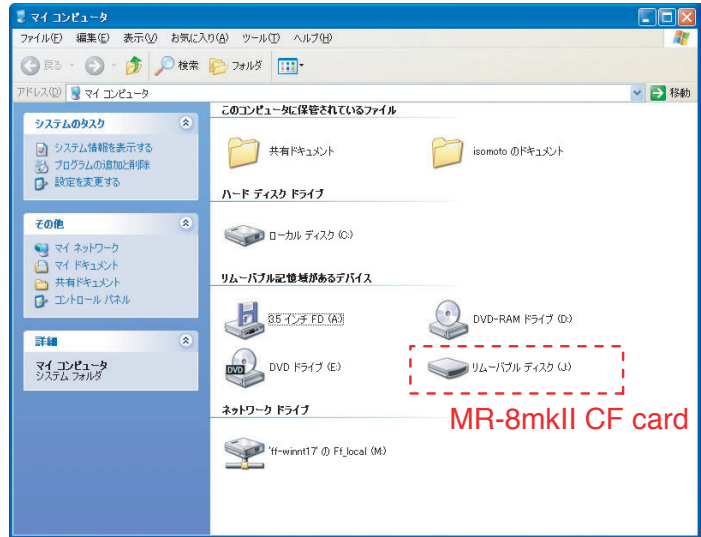
**CAUTION:** MR-8mkII can be connected to PC on which Windows XP/2000 is running or Macintosh on which OS X is running for software update as well as audio data transfer. Of course PC/Macintosh has to be equipped with a USB port.



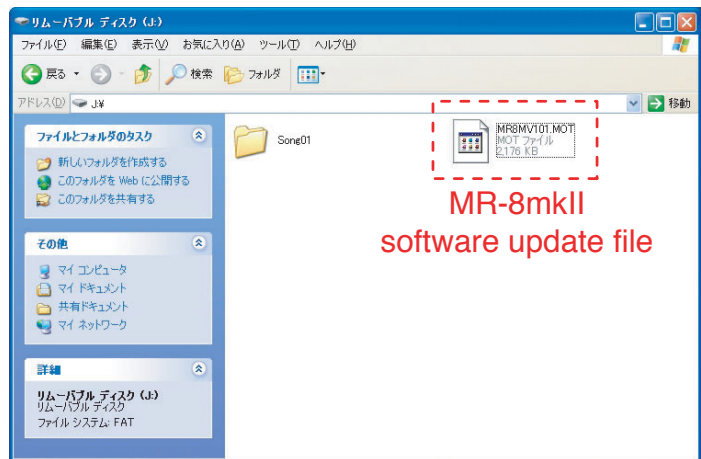
11. PC or Macintosh recognizes the MR-8mkII CF card as an external removable disk.

a) Windows XP/2000

The example on the right indicates that the MR-8mkII CF card is recognized as a removable disk (J) in the My Computer on Windows XP PC. Unzip the software update file with “zip” extension (e.g. MR8mk2\_V101.zip) normally sent together with a technical bulletin. If you do so, a software update file (e.g. MR8MV101.MOT) will be created.



By double-clicking the removable drive (J) (MR-8mkII), the window on the right will appear. Place the software update file (e.g. MR8MV101.MOT) in the top directory tree of the Removable Disk (J).

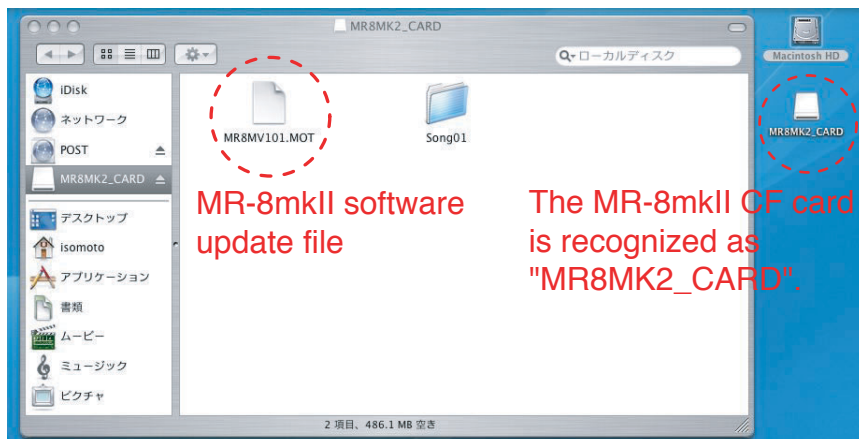


After transferring the software update file is completed, do not turn off the USB connection from the MR-8mkII side. First, you need to safely remove the MR-8mkII from PC side by opening the “Safety Removable Hardware” in the tool bar and pressing the “Stop” button on Windows XP/2000 PC. Then, you can turn off the USB connection from the MR-8mkII side by pressing the [STOP] key.

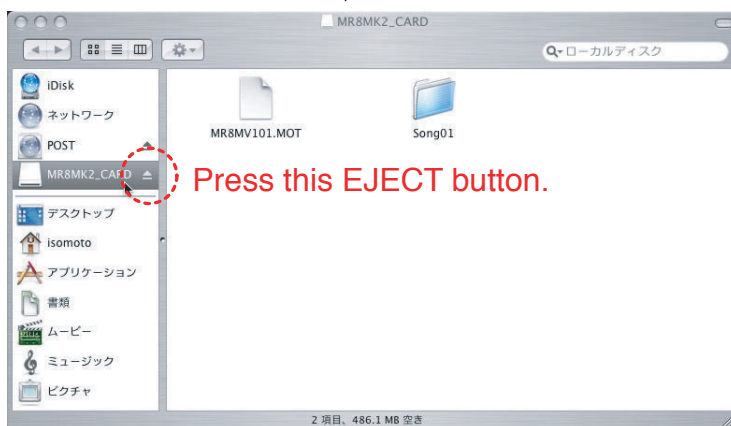


b) Macintosh OS X

The MR-8mkII CF card is recognized as “MR8MK2\_CARD” on the Macintosh OS X desktop. Unzip the software update file with “zip” extension (e.g. MR8mk2\_V101.zip) normally sent together with a technical bulletin. If you do so, a software update file (e.g. MR8MV101.MOT) will be created. Place a newly created software update file with “MOT” (motorola format) extension in the root directory tree of the “MR8MK2\_CARD” volume.

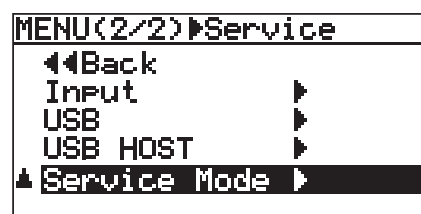


After transferring the software update file is completed, **do not turn off the USB connection from the MR-8mkII side. First, as shown on the right, press the EJECT button on Macintosh.** Then, you can turn off the USB connection from the MR-8mkII side by pressing the [STOP] key.



**CAUTION:** Especially when MR-8mkII is connected to PC or Macintosh for the first time, it will take time for PC or Macintosh to recognize the MR-8mkII CF card as an external drive. While the “ACC” (access) indication on the upper right of the MR-8mkII LCD is flashing in the USB mode, do not disconnect the USB cable between MR-8mkII and PC/Macintosh.

12. Disconnect the USB cable between MR-8mkII and PC / Macintosh.
13. On MR-8mkII with the normal display appears, press the [MENU/ENTER] key while holding down the [STOP] key to access the Service Mode menu.



14. Rotate the [JOG] dial and select the “Service Mode” menu.
15. Press the [MENU/ENTER] key.
16. Rotate the [JOG] dial and select the “Version Up” menu.
17. Press the [MENU/ENTER] key.

```

M▶Service(1/1)▶U-Up
  ◀◀Back
  Version▶
  ▲ Version Up▶
    
```

18. Rotate the [JOG] dial and select a software update file with the version number you would like to update.

**NOTE:** As long as the file name is different, up to five software update files can be placed in the root directory.

19. Press the [MENU/ENTER] key.

```

M▶Service▶U-Up
  ◀◀Back
  MR8MV100.MOT
  ▲ MR8MV101.MOT
    
```

20. The selected software file name is displayed together with the software version number. Pressing the [MENU/ENTER] key while holding down the [REC] key initiates the MR-8mkII software update.

```

M▶Service▶U-Up
  -- Version Up --
  MR8MV101.MOT
  V1.01
  Are You Sure?
  Yes→RECORD+ENTER Key
  No→STOP Key
    
```

While updating the software, “File loading...”, “Flash ROM Erasing...” and “Flash ROM Writing...” will appear in order. It will take about 20 ~ 30 seconds to complete the procedures.

```

M▶Service▶U-Up
  -- Version Up --
  File loading...
  Please wait
    
```

```

M▶Service▶U-Up
  -- Version Up --
  Flash ROM Erasing...
  Please wait
    
```

```

M▶Service▶U-Up
  -- Version Up --
  Flash ROM Writing...
  Please wait
    
```

21. Upon completion, “Completed” will appear on the MR-8mkII LCD. Press the [STOP] key to get out of the software update mode.

```

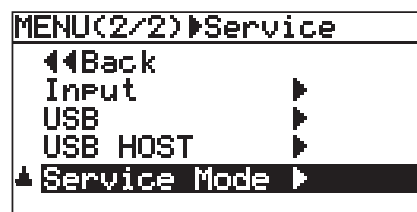
M▶Service▶U-Up
  -- Version Up --
  Completed
  Please hit STOP key
  & Start reboot!
    
```

22. Turn off the power once and then back on. In the meantime, confirm the software version number and the programming date displayed for a short instance in the boot-up process.

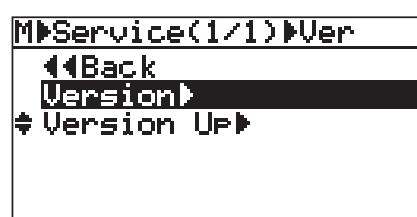
The software version can be checked by the “Version” Service Mode menu. In the condition with the normal display appears, press the [MENU/ENTER] key while holding down the [STOP] key to access the Service Mode menu.



If you do so, the display on the right will appear on the LCD. Rotate the [JOG] dial to select the “Service Mode” menu and press the [MENU/ENTER] dial.



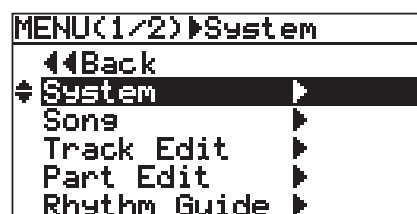
Select the “Version” menu and press the [MENU/ENTER] dial.



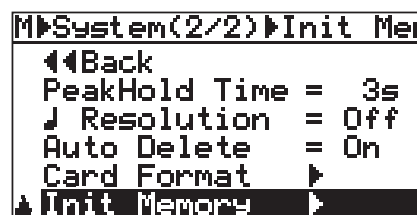
The display on the right will appear on the LCD. It indicates that the programming date is February 8th, 2006 and the version number is V1.01. To get back to the normal display, press the [STOP] key.



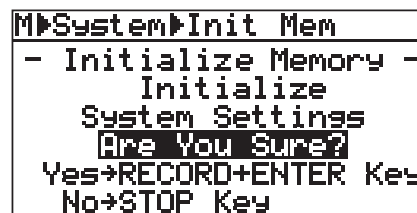
23. In the normal display mode, press the [MENU/ENTER] key to enter the MENU mode.
24. Rotate the [JOG] dial and select the “System” menu.
25. Press the [MENU/ENTER] key.



26. Rotate the [JOG] dial and select the “Init Memory” menu.
27. Press the [MENU/ENTER] key.



28. The display on the right will appear on the LCD. Press the [MENU/ENTER] key while holding down the [RECORD] key. This operation will initialize all the system settings to default.



**CAUTION:** The “Initialize Memory” operation sets all the system settings to the default values. For example, the “Disk Protect” setting in the USB menu is set to “ON” after initializing the memory. If you would like to update the software in future, please remember that it has to be set to “OFF” again.