Firmware Update Procedure by USB Memory

Rev.1.3

Read This Manual before Attempting Firmware Update

This manual describes the procedure for updating firmware of monitor by a USB memory stick. For details on the component names of the monitor, the OSD screen operations, and so on, refer to the instruction manual.

- Precautions
- Target models:

PN-ME432/PN-ME502/PN-ME552/PN-ME652

- Do not disconnect the main power to the monitor or remove the USB memory stick during firmware update.
- The USB ports of the monitor do not support the operation of all USB memory sticks available on the market.
- The monitor supports only USB memory sticks of FAT32 format. A USB memory stick in NTFS format cannot be used. If update fails, check the format of the USB memory stick. For details on how to format the USB memory stick, refer to the Windows Help and so on.
- Updating the firmware does not affect any data set with the OSD screen of the monitor.
- After updating the firmware, the display settings will be reset under certain circumstances. Please check the Update History on the FIRMWARE download page.

Symbols

This manual uses the following symbols.

Note

Describes information that must be noted.

Tip

Provides supplementary explanations and useful information.

Preparations for the Firmware Update

1. Get a firmware from FIRMWARE download page.

Download a firmware ZIP file from FIRMWARE download page.

Then unzip the ZIP file.

Tip

• A file name of the firmware ZIP file is listed as below.

Category	File name	Extension
ZIP file	PN-ME2-V****	.zip

- **** of ZIP file stands for a version number.
- When you unzip the ZIP file, a folder that includes a firmware image file will be created.

Category	Folder name / File name	Extension
Folder	PN_ME2_series	
Firmware image	PN_ME2_series	.zip
file		

- Do not change the name of the folder.
- Do not change the name of the firmware image file.
- Do not change the extension of a firmware image file.

2. Copy the firmware image file to the USB memory stick.

Copy the "PN_ME2_series" which includes the firmware image file under the root of the USB memory stick.



Note

Make sure only one firmware image file in the folder. If multiple files are stored in there, firmware update will fail.

3. Turn off the main power to the monitor.

4. Insert the USB memory stick containing the firmware image files into the monitor.

Insert the USB memory stick into the USB port (USB1 or USB2) of the monitor. USB3 is not available for firmware update.



This completes the preparation required for firmware update. Subsequently, go to "Updating Firmware" (\rightarrow P5).

Updating Firmware

Note

Do not turn off the main power to the monitor or remove the USB memory stick during firmware update.

1. Turn on the main power of the monitor.

Turn on the main power and then go to step 2.

2. Execute Update Firmware in OSD menu.

Select the "Check" button at the System tab in the OSD screen.

Ð	🌣 System	< Update Firmware		
в	Date & Time	Current Version		
Q	Language & Keyboard	Update		
ß	OSD	1. 2GB of free disk space or more. 2. Please do not turn off the power during the Check		
Ľ	Storage Space			
	Update Firmware			
	Security			
٢	Reset >			
0	Factory Reset >			
	Use this menu to check for firmware updates and update if found. Firmware updates can improve performance, add features, or address issues.			
	CO Select CO input	Set EXIT Return MENU Close		

3. Confirm the updating started.

The firmware updating will start and LED will blink in green during the update.

•When the update does not start:

Make sure the folder name and the file name are correct. Please refer to step 1 in the "Preparations for the Firmware Update" (\rightarrow P3).

•When the LED is blinking red (update failure):

Turn off the main power to the monitor and then repeat the procedure again from step 1 in the "Updating Firmware" (\rightarrow P5). Moreover, refer to the "When the monitor does not operate with power on" (\rightarrow P7).

Note

Do not turn off the main power to the monitor during firmware update.

Tip

• The firmware update will take 10 minutes.

4. The monitor will reboot automatically.

When the firmware update is successful, the monitor will reboot automatically. The firmware update is completed.

Tip

• Rebooting may occur several times.

Check the Firmware Update result

Confirm the the firmware version at the About tab in the OSD screen.

Ð	 About 	< Monitor Information	
5	Monitor Information	Model	PN-ME432
Q	Legal Information	Serial	mpboard
Ċ		Firmware Version	1.2.12
		Android Version	13
		Kernel Version	4.19.261+-ab3366 #1 Wed Mar 6 23:06:44 CST 2024
		Build Number	TP1A.220624.021.A1
*		MAC Address	8C:52:19:1F:E0:37 02:00:00:00:00:00
()		Internal Temperature	23.8°C/74.8F
		Status	0000-000000-00-0000
		Carbon Usage	0.426 kg-CO2
	Shows the model name, serial number a	nd firmware version of the monitor.	
	Select C Input SET	:Set EXIT :Return MENU :Close	

When the monitor does not operate with power on

When the monitor does not operate with power on, please contact your dealer.