

# **Firmware Update Procedure**

## **by HTTP Server**

**Rev.1.0**

## Read This Manual Before Attempting Firmware Update

This manual describes the procedure for updating firmware of monitor by using the HTTP server function. For details on the HTTP server function, the names of the components of the monitor, the Display Menu screen operations, and so on, refer to the instruction manual.

### ■ Precautions

- Target Model : PN-M322
- Do not turn off the main power to the monitor or remove the LAN cable during firmware update.
- For the ways to connect PC and this device via network by using HTTP server function, please refer to the “Controlling the Monitor via LAN” in User’s Manual.
- This device uses “JavaScript” and “Cookies” and the browser should be set to accept these functions. Please refer to the help files for the web browser to change the settings to use JavaScript and Cookies.
- When updating firmware revision via network, enable “DISPLAY” setting in NETWORK SECURITY.
- Depending on the FW version to update, the setting data may be initialized. Before performing the update, please refer to the precautions on the FW update tool or the Update History on the FIRMWARE download page.

### ■ Symbols

This manual uses the following symbols.

#### **Note**

Describes information that must be noted.

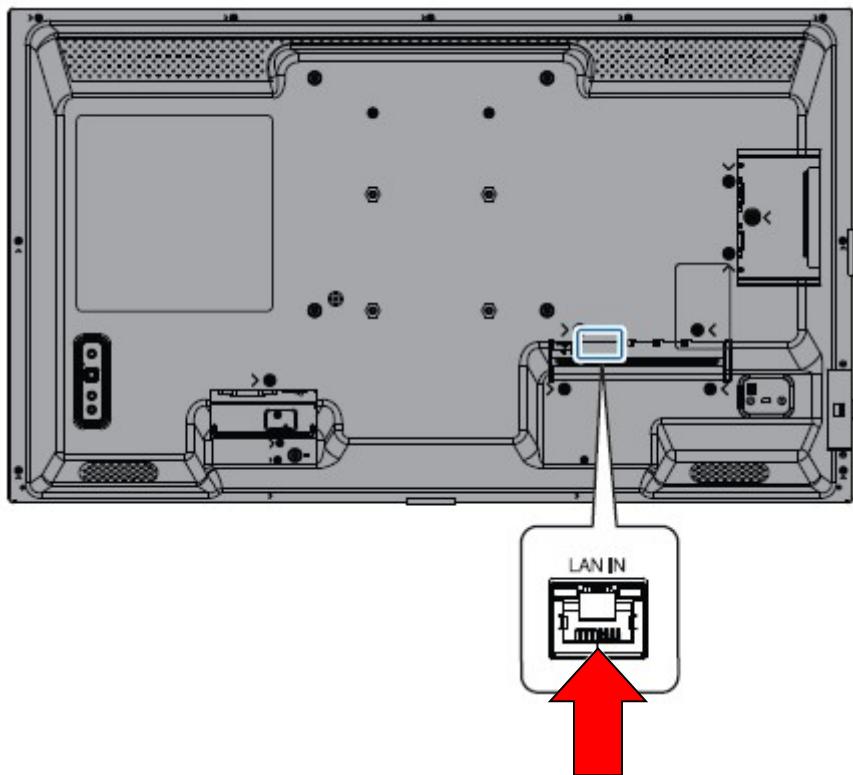
#### **Tip**

Provides supplementary explanations and useful information.

## Preparations to Be Completed Prior to Firmware Update

### 1. Connect a LAN cable to the monitor.

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## Updating Firmware

### 1. Start the Web browser on the computer to access the home screen of the monitor.

The URL of the home screen of the monitor is "http://<IP address of the monitor>/index.html".

#### PN-M322 DisplayPort

HOME

REMOTE CONTROL

INPUT

PICTURE

AUDIO

SCHEDULE

PROTECT

SYSTEM

NETWORK

MAIL

SNMP

AMX

NAME

NETWORK SERVICE

UPDATE FIRMWARE

**HOME**

Welcome to the management and configuration web interface.  
You can use the navigation menus on the left to access additional pages.

**MONITOR INFORMATION**

MODEL NAME	PN-M322
SERIAL	

**FIRMWARE VERSION**

REVISION	1.100
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**ETHERNET (CONTROL)**

MAC ADDRESS	
IPv4 ADDRESS	192.168.100.100
SUBNET MASK	255.255.255.0
DEFAULT GATEWAY	192.168.100.1
DNS PRIMARY	192.168.100.1
DNS SECONDARY	0.0.0.0

### 2. Click "UPDATE FIRMWARE" on the menu on the left side of the screen.

NETWORK

MAIL

SNMP

AMX

NAME

NETWORK SERVICE

**UPDATE FIRMWARE**

**FIRMWARE VERSION**

REVISION	1.100
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**ETHERNET (CONTROL)**

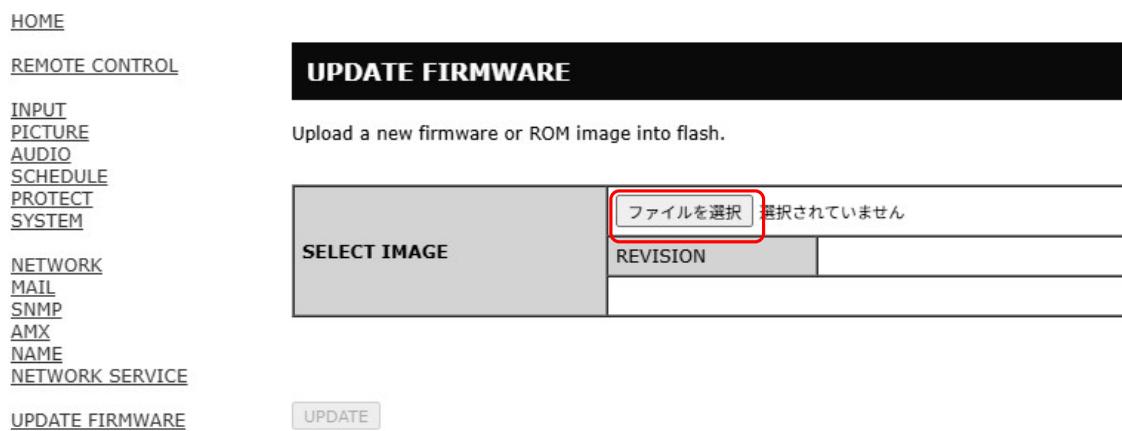
MAC ADDRESS	
IPv4 ADDRESS	192.168.100.100
SUBNET MASK	255.255.255.0

### 3. Press [Select File] button on “SELECT IMAGE”

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Explorer will be launched and able to select a file by pressing [Select File] button.

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NETWORK SERVICE  
UPDATE FIRMWARE

**UPDATE FIRMWARE**

Upload a new firmware or ROM image into flash.

<b>SELECT IMAGE</b>	<input type="button" value="ファイルを選択"/> ファイルを選択 選択されていません
	<b>REVISION</b>

UPDATE

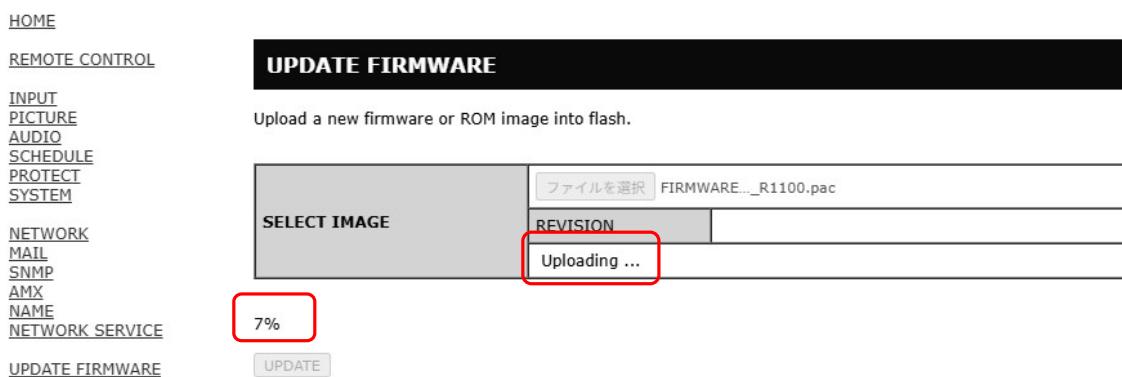
### 4. Select the firmware image file and press [Open] button

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Select firmware image file for update from the Explorer launched in Step 3.

After selected the file, upload will start.

#### PN-M322 DisplayPort



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NETWORK SERVICE  
UPDATE FIRMWARE

**UPDATE FIRMWARE**

Upload a new firmware or ROM image into flash.

<b>SELECT IMAGE</b>	<input type="button" value="ファイルを選択"/> FIRMWARE..._R1100.pac
	<b>REVISION</b>
	Uploading ...

7%

UPDATE

After uploading status became 100%, “Success” and ‘Firmware upgrade is ready. Press “UPDATE”’ message will be displayed. At this time, please check whether the REVISION is correct.

If “Failure” is displayed, it has failed to upload the file. Please go back to Step 3 and try to upload the file again.

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[UPDATE FIRMWARE](#)

### UPDATE FIRMWARE

Upload a new firmware or ROM image into flash.

<b>SELECT IMAGE</b>	<input type="text" value="FIRMWARE..._R1100.pac"/> ファイルを選択
	REVISION
	1.100
Success	

Firmware upgrade is ready. Press "UPDATE".

[UPDATE](#)

**Tip**

- The following is the name of the firmware image file.

Firmware	File name <sup>(Note)</sup>	Extension
FIRMWARE	FIRMWARE_M2_SERIES_R****.pac	.pac

(Note) R\*\*\*\*: Revision number

**You can't change the file name of the firmware image.**

## 5. Press [UPDATE] button

Update will be started by pressing [UPDATE] button.

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NETWORK SERVICE  
UPDATE FIRMWARE

**UPDATE FIRMWARE**

Upload a new firmware or ROM image into flash.

SELECT IMAGE	ファイルを選択 FIRMWARE..._R1100.pac
REVISION	1.100
Success	

Firmware upgrade is ready. Press "UPDATE".

**UPDATE**



After update has started, “Processing...” message and the progress of the update will be displayed like below.

Also, the LED of this device blinks green.

### PN-M322 DisplayPort

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SNMP  
AMX  
NAME  
NETWORK SERVICE  
UPDATE FIRMWARE

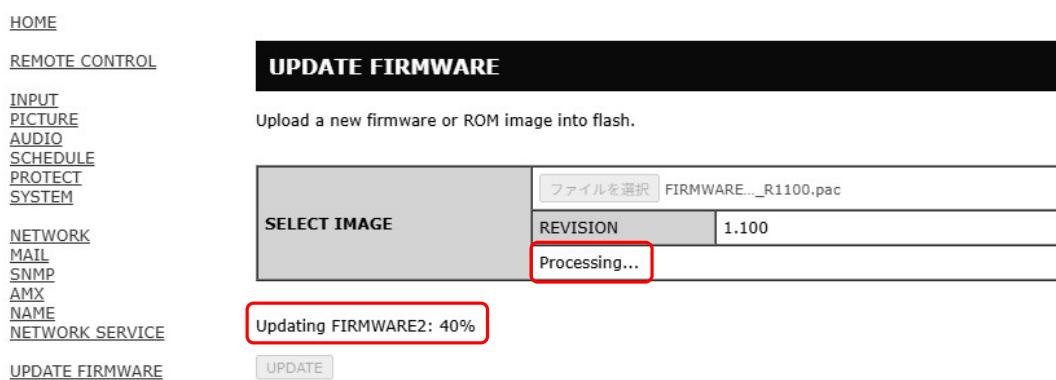
**UPDATE FIRMWARE**

Upload a new firmware or ROM image into flash.

SELECT IMAGE	ファイルを選択 FIRMWARE..._R1100.pac
REVISION	1.100
Processing...	

Updating FIRMWARE2: 40%

**UPDATE**



When update has finished, “Success” or “Failure” message will be displayed.

Also, LED green blink will finish.

Please refer to “Confirming the Firmware Update Results”(→P10).

**Tip**

- The approximate time for firmware update is 20 minutes

**Note**

Do not turn off the main power of this device, or extract LAN cable during update.

To finish updating firmware, please follow “Confirming the Firmware Update Results” procedure(→P10).

If not, the device may not operate properly.

## Confirming the Firmware Update Results

When update has finished, it changes to either of the following status.

■ When update succeeded

The device will reboot with the blue LED blinking.

“Success(\*\*\*\*)(<sup>(\*)2</sup>)” and “Firmware upgrade has been completed!” message will be displayed.

(<sup>(\*)2</sup>) \*\*\*\* : Revision number

### PN-M322 DisplayPort

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REMOTE CONTROL

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SCHEDULE

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NETWORK SERVICE

UPDATE FIRMWARE

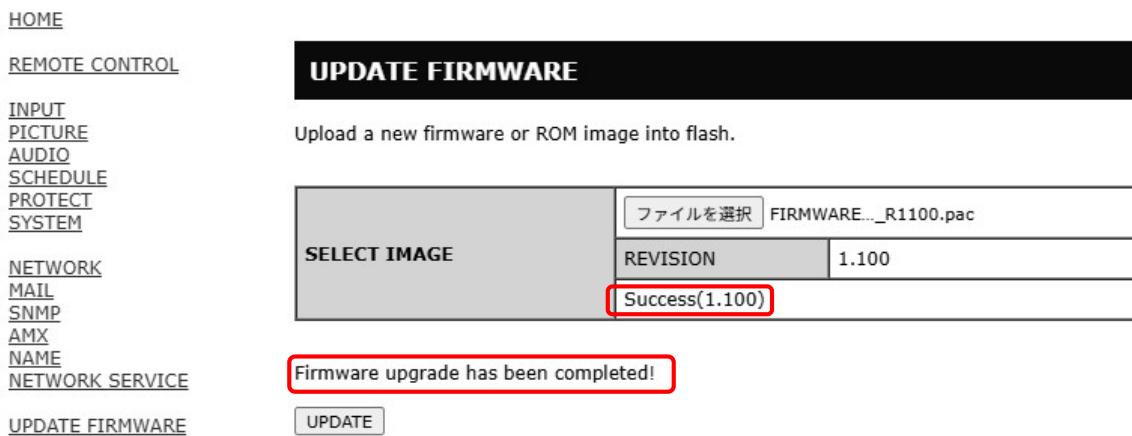
**UPDATE FIRMWARE**

Upload a new firmware or ROM image into flash.

SELECT IMAGE	ファイルを選択	FIRMWARE..._R1100.pac
	REVISION	1.100
	Success(1.100)	

Firmware upgrade has been completed!

UPDATE



## ■ When update failed

LED blinks with red.

“Failure” message will be displayed.

### PN-M322 DisplayPort

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[UPDATE FIRMWARE](#)

#### UPDATE FIRMWARE

Upload a new firmware or ROM image into flash.

<b>SELECT IMAGE</b>	<input type="file"/> ファイルを選択 FIRMWARE..._R1100.pac	
<b>REVISION</b>		
	Failure	

**UPDATE**

Please try again from “Updating Firmware” procedure(→P4).

Please also check “When failed to update firmware”(→P12).

## When failed to update firmware

When you have failed to update firmware, please check the following point.

- Device does not operate with power on

If you turn off the main power under update failed condition, this device may not operate.

Please try to update with USB when the device does not operate.