

Firmware Update Procedure by HTTP Server

Rev.1.2

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 models:
PN-M432/PN-M502/PN-M552/PN-M652/PN-M752/PN-M862/PN-M982
PN-P436/PN-P506/PN-P556/PN-P656/PN-P756
- Do not turn off the main power to the monitor or remove the LAN cable during firmware update.
- For details on making a connection to the monitor from a computer through a network, using the HTTP server function of the monitor, read "LAN Control" in the instruction 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.
- Updating the firmware does not affect any data set in the screen menu of 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 or Sharp Information Display Downloader. 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-M2_P6-R****	.zip

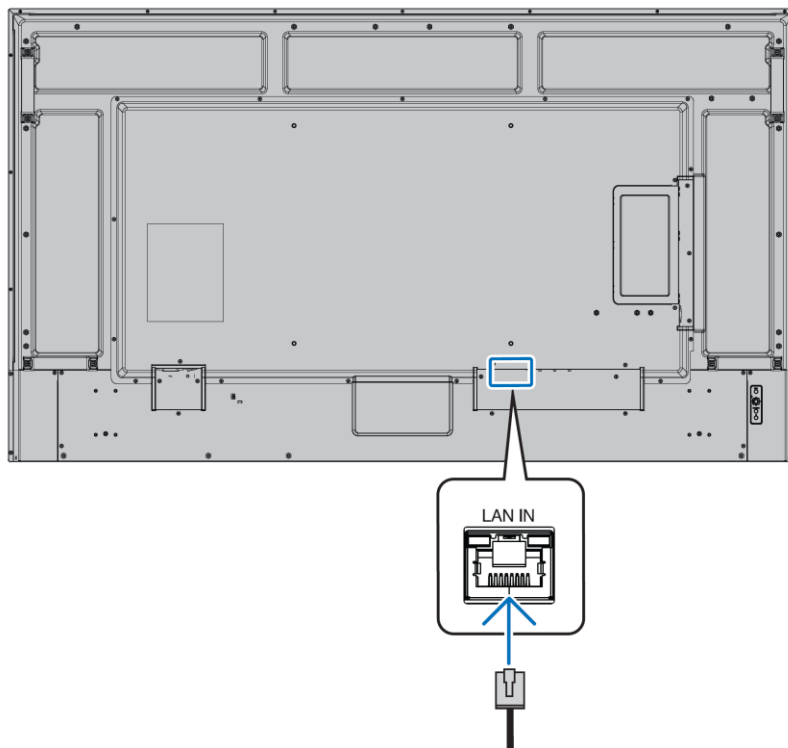
- **** of ZIP file stands for a version number.
- When you unzip the ZIP file, a firmware image file will be created.

Category	Folder name / File name	Extension
Firmware image file	PN-M2_P6-R****	.pac

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

2. Connect a LAN cable to the monitor.

Connect a LAN cable to the monitor.



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>".

※ If the login screen appears, Enter the password you set to log in.

The screenshot shows the SHARP PN-P556 HDMI1 web interface. The top header is dark blue with the SHARP logo and model information. A left sidebar contains a list of navigation options: HOME, REMOTE CONTROL, INPUT, PICTURE, AUDIO, SCHEDULE, SLOT, NETWORK, PROXY, IP/MAC FILTER, IEEE802.1X, PC CONTROL, HTTP SERVER, PROTECT, SYSTEM, SNMP, AMX, CRESTRON, SEARCH, NAME, ACCOUNT, PD LIST, and UPDATE FIRMWARE. The main content area has a teal header labeled 'HOME' and a welcome message. Below this are three sections: 'MONITOR INFORMATION' with fields for MODEL NAME (PN-P556) and SERIAL (0123456789); 'FIRMWARE VERSION' with a REVISION field (R1.110); and 'ETHERNET' with fields for MAC ADDRESS (8C:52:19:6F:66:C9), IPv4 ADDRESS (192.168.11.105), SUBNET MASK (255.255.255.0), DEFAULT GATEWAY (192.168.11.1), DNS PRIMARY (192.168.11.1), and DNS SECONDARY (0.0.0.0). At the bottom is an 'ID' section with fields for MONITOR ID (1) and GROUP ID.

MONITOR INFORMATION	
MODEL NAME	PN-P556
SERIAL	0123456789

FIRMWARE VERSION	
REVISION	R1.110

ETHERNET	
MAC ADDRESS	8C:52:19:6F:66:C9
IPv4 ADDRESS	192.168.11.105
SUBNET MASK	255.255.255.0
DEFAULT GATEWAY	192.168.11.1
DNS PRIMARY	192.168.11.1
DNS SECONDARY	0.0.0.0

ID	
MONITOR ID	1
GROUP ID	

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

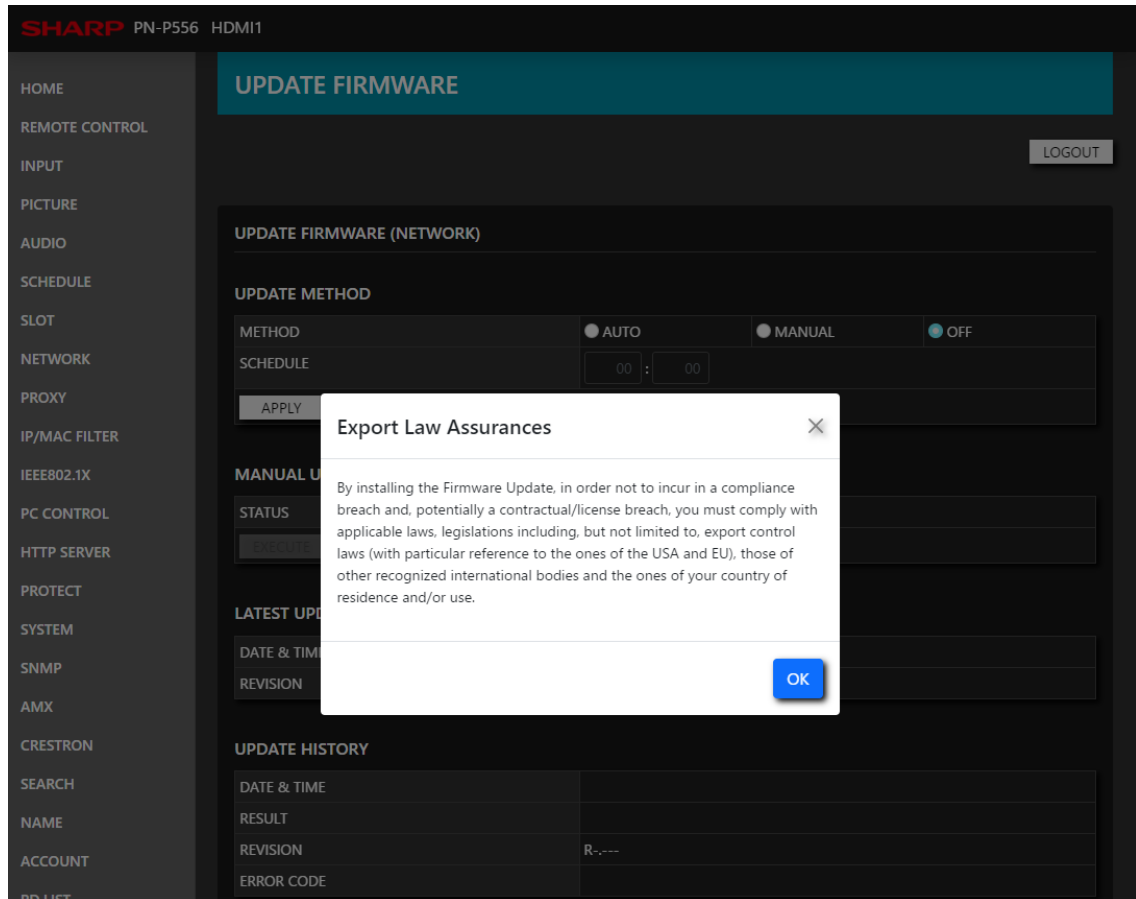
The UPDATE FIRMWARE screen appears.

The screenshot shows the UPDATE FIRMWARE screen. The left sidebar is the same as the previous screen, but the 'UPDATE FIRMWARE' option is highlighted with a red rectangle. The main content area has a dark blue header labeled 'ID' and two input fields: 'MONITOR ID' with the value '1' and 'GROUP ID'.

ID	
MONITOR ID	1
GROUP ID	

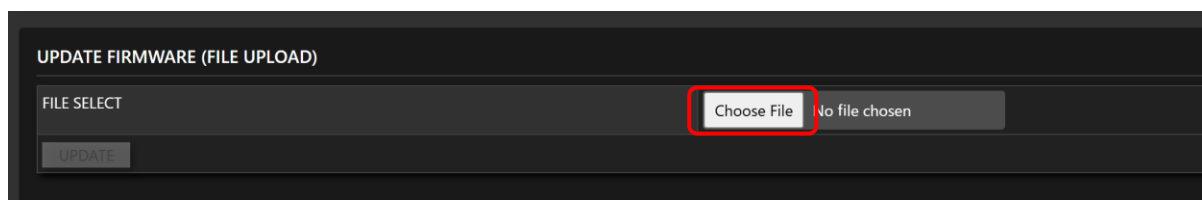
3. Click the [OK] button.

Click the [OK] button to agree to comply with export-related laws.



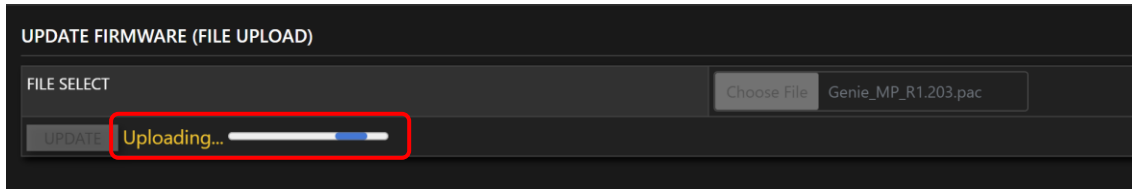
4. Click the [Choose File] button.

When you click on the [Choose File] button, a file select screen will appear by file explorer.

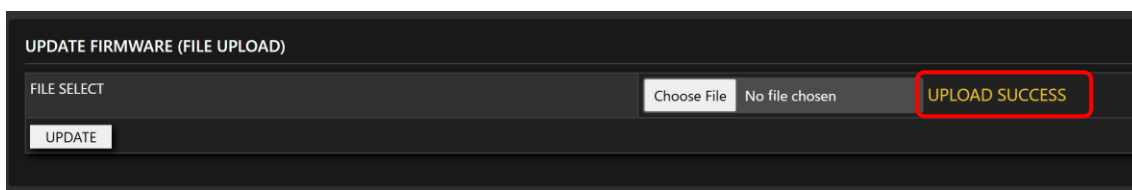


5. Select the firmware image file to be updated and then click the [Open] button.

Select the firmware image file then uploading will start.



When the upload is complete, the message "UPLOAD SUCCESS" appears.

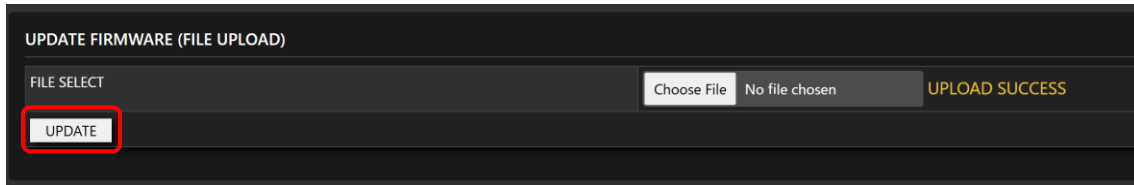


Tip

Download the latest firmware image file from FIRMWARE download page or Sharp Information Display Downloader.

6. Click the [UPDATE] button.

When you click on the [UPDATE] button, updating will start.



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

Note

- Do not turn off the main power to the monitor or remove the LAN cable during firmware update.

Tip

- The firmware update will take 10 minutes.

7. 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 in the home screen is the version you have updated.

The screenshot displays the SHARP PN-P556 HDMI1 web interface. On the left is a navigation menu with options: HOME, REMOTE CONTROL, INPUT, PICTURE, AUDIO, SCHEDULE, SLOT, NETWORK, PROXY, IP/MAC FILTER, IEEE802.1X, PC CONTROL, HTTP SERVER, PROTECT, SYSTEM, SNMP, AMX, CRESTRON, SEARCH, NAME, ACCOUNT, PD LIST, and UPDATE FIRMWARE. The main content area is titled 'HOME' and includes a welcome message and a 'LOGOUT' button. Below this are three sections: 'MONITOR INFORMATION' (showing Model Name PN-P556 and Serial 0123456789), 'FIRMWARE VERSION' (highlighted with a red box, showing Revision R1.110), 'ETHERNET' (showing MAC Address 8C:52:19:6F:66:C9, IPv4 Address 192.168.11.105, Subnet Mask 255.255.255.0, Default Gateway 192.168.11.1, DNS Primary 192.168.11.1, and DNS Secondary 0.0.0.0), and 'ID' (showing Monitor ID 1 and Group ID).

SHARP PN-P556 HDMI1

HOME

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

LOGOUT

MONITOR INFORMATION

MODEL NAME	PN-P556
SERIAL	0123456789

FIRMWARE VERSION

REVISION	R1.110
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ETHERNET

MAC ADDRESS	8C:52:19:6F:66:C9
IPv4 ADDRESS	192.168.11.105
SUBNET MASK	255.255.255.0
DEFAULT GATEWAY	192.168.11.1
DNS PRIMARY	192.168.11.1
DNS SECONDARY	0.0.0.0

ID

MONITOR ID	1
GROUP ID	

When the monitor does not operate with power on

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