

**Firmware Update Procedure
by HTTP Server**

Rev.0.1

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:
UN462A/UN462VA/UN492S/UN492VS/UN552A/UN552S/UN552VS/UN552/UN552V/UX552S/
UX552
- Series name is A50UN. This name is displayed in "SERIES".
- 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.
- As your Web browser, you must use "Microsoft Internet Explorer 10.0" or later.
Since the monitor uses "JavaScript" and "Cookies", change your browser settings to enable the use of these functions. The way in which these settings are made depends on the version of the browser. So, refer to the browser Help and so on.
- Updating the firmware does not affect any data set in the screen menu of monitor.
- To apply a firmware version update over the network, DISPLAY and MEDIA PLAYER of NETWORK FUNCTIONS must be enabled.

■ Symbols

This manual uses the following symbols.

Note

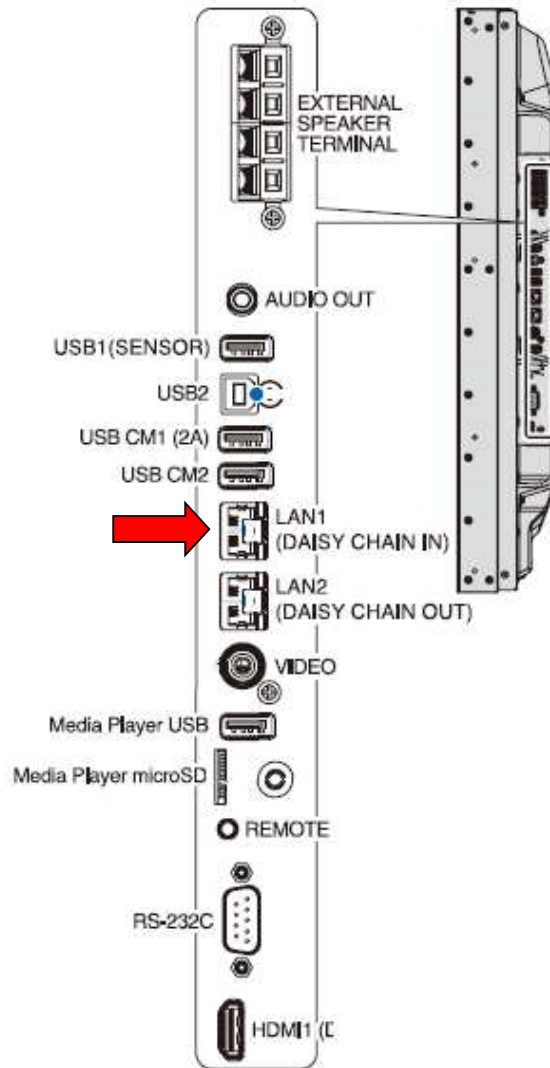
Describes information that must be noted.

Tip

Provides supplementary explanations and useful information.

Preparations to Be Completed Prior to Firmware Update

1. Connect a LAN cable to the monitor.



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>/pd_index.html".

NEC P181 MP

HOME
REMOTE CONTROL
PICTURE
AUDIO
SCHEDULE
MULTI INPUT
OSD
MULTI DISPLAY
DISPLAY PROTECTION
CONTROL
INPUT
ADVANCED
SYSTEM
COMPUTE MODULE
NETWORK (CONTROL)
NETWORK (MEDIA PLAYER)
MAIL
SNMP
AMX
CRESTRON
NAME
NETWORK PASSWORD
PD LIST
MEMO
UPDATE FIRMWARE
SD-CARD VIEWER

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	P181
SERIAL	66010035NA

FIRMWARE VERSION

REVISION	R0.035
----------	--------

ETHERNET (CONTROL)

MAC ADDRESS	02:34:56:78:d3:e4
IPv4 ADDRESS	192.168.0.9
SUBNET MASK	255.255.255.0

Copyright © NEC Display Solutions, Ltd. 2016. All rights reserved.

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

MAIL
SNMP
AMX
CRESTRON
NAME
NETWORK PASSWORD
PD LIST
MEMO
UPDATE FIRMWARE
SD-CARD VIEWER

ETHERNET (CONTROL)

MAC ADDRESS	02:34:56:78:d3:e4
IPv4 ADDRESS	192.168.0.9
SUBNET MASK	255.255.255.0

Copyright © NEC Display Solutions, Ltd. 2016. All rights reserved.

The GO TO UPDATE FIRMWARE screen appears.

NEC P181 MP

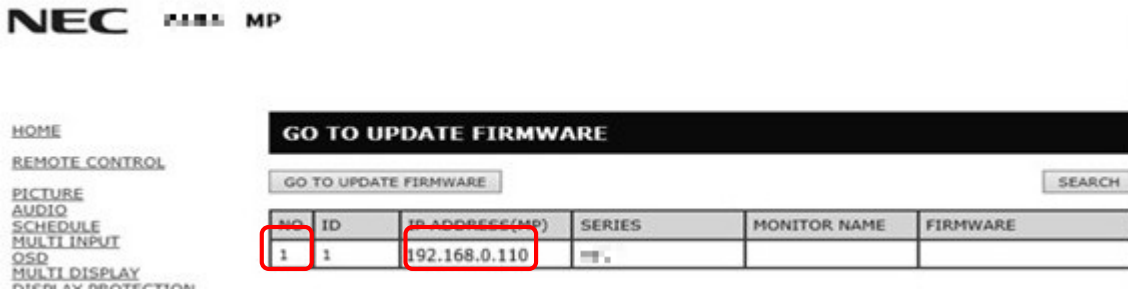
HOME
REMOTE CONTROL
PICTURE
AUDIO
SCHEDULE
MULTI INPUT
OSD
MULTI DISPLAY
DISPLAY PROTECTION

GO TO UPDATE FIRMWARE

GO TO UPDATE FIRMWARE SEARCH

NO	ID	IP ADDRESS(MP)	SERIES	MONITOR NAME	FIRMWARE
1	1	192.168.0.110	P181		

3. Check the IP ADDRESS of MediaPlayer.



NEC MP

HOME
REMOTE CONTROL
PICTURE
AUDIO
SCHEDULE
MULTI INPUT
OSD
MULTI DISPLAY
DISPLAY PROTECTION

GO TO UPDATE FIRMWARE

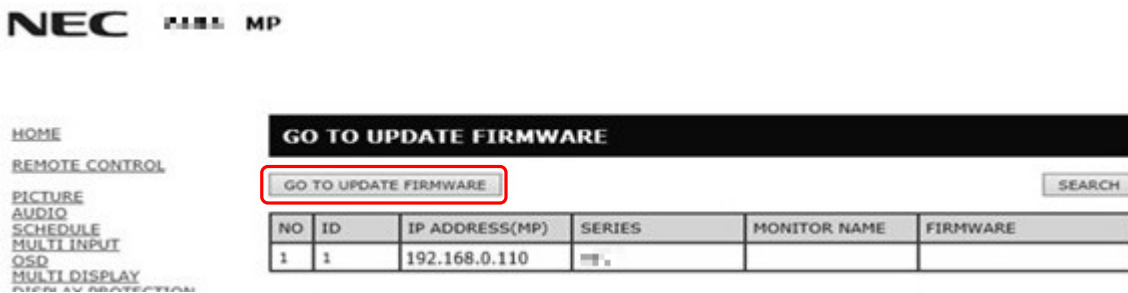
GO TO UPDATE FIRMWARE SEARCH

NO	ID	IP ADDRESS(MP)	SERIES	MONITOR NAME	FIRMWARE
1	1	192.168.0.110	MP		

Tip

- If you want to update the firmware by daisy chain, refer to "Daisy chain Firmware Update" (P13).

4. Click the [GO TO UPDATE FIRMWARE] button.



NEC MP

HOME
REMOTE CONTROL
PICTURE
AUDIO
SCHEDULE
MULTI INPUT
OSD
MULTI DISPLAY
DISPLAY PROTECTION

GO TO UPDATE FIRMWARE

GO TO UPDATE FIRMWARE SEARCH

NO	ID	IP ADDRESS(MP)	SERIES	MONITOR NAME	FIRMWARE
1	1	192.168.0.110	MP		

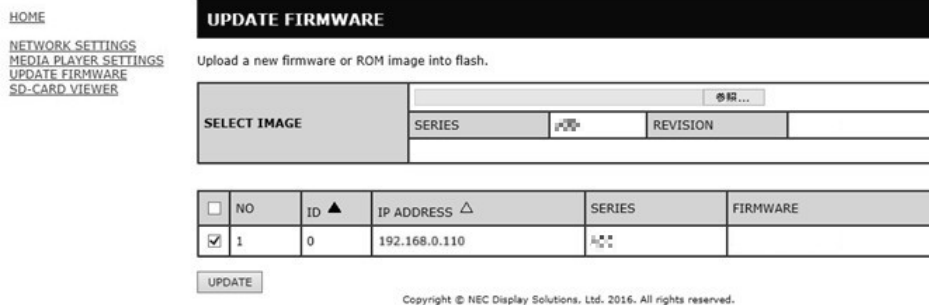
5. Click the [OK] button.

NEC  MP



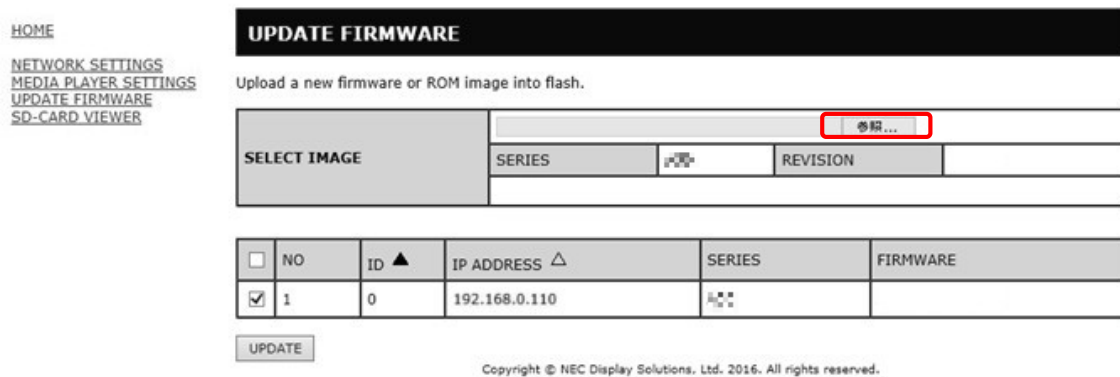
The UPDATE FIRMWARE screen appears.

NEC



6. Click the [Browse] button under "SELECT IMAGE".

NEC



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

NEC

HOME
NETWORK SETTINGS
MEDIA PLAYER SETTINGS
UPDATE FIRMWARE
SD-CARD VIEWER

UPDATE FIRMWARE

Upload a new firmware or ROM image into flash.

SELECT IMAGE

SERIES	REVISION
Uploading ...20%	

<input type="checkbox"/>	NO	ID ▲	IP ADDRESS(MP) △	IP ADDRESS(CONTROL) △	SERIES	MONITOR NAME	FIRMWARE
<input type="checkbox"/>	1	0	192.168.0.110		...		

UPDATE



NEC

HOME
NETWORK SETTINGS
MEDIA PLAYER SETTINGS
UPDATE FIRMWARE
SD-CARD VIEWER

UPDATE FIRMWARE

Upload a new firmware or ROM image into flash.

SELECT IMAGE

SERIES	REVISION
Success	R0.035

<input type="checkbox"/>	NO	ID ▲	IP ADDRESS(MP) △	IP ADDRESS(CONTROL) △	SERIES	MONITOR NAME	FIRMWARE
<input checked="" type="checkbox"/>	1	0	192.168.0.110		...		

UPDATE

Tip

- The following table lists the initial file names of the firmware image files.

Firmware	File name ^(Note)	Extension
FIRMWARE	NDS_CDT_A5_UN_R****.pac	.pac

(Note) R**** : Revision Number

- The names of the firmware image files can be changed (the name can consist of up to 1024 characters, including the extension).
- Do not change the extension of a firmware image file.
- If you want to update the firmware by daisy chain, refer to "Daisy chain Firmware Update" (P13).

8. Click the [UPDATE] button.

NEC

HOME
NETWORK SETTINGS
MEDIA PLAYER SETTINGS
UPDATE FIRMWARE
SD-CARD VIEWER

UPDATE FIRMWARE

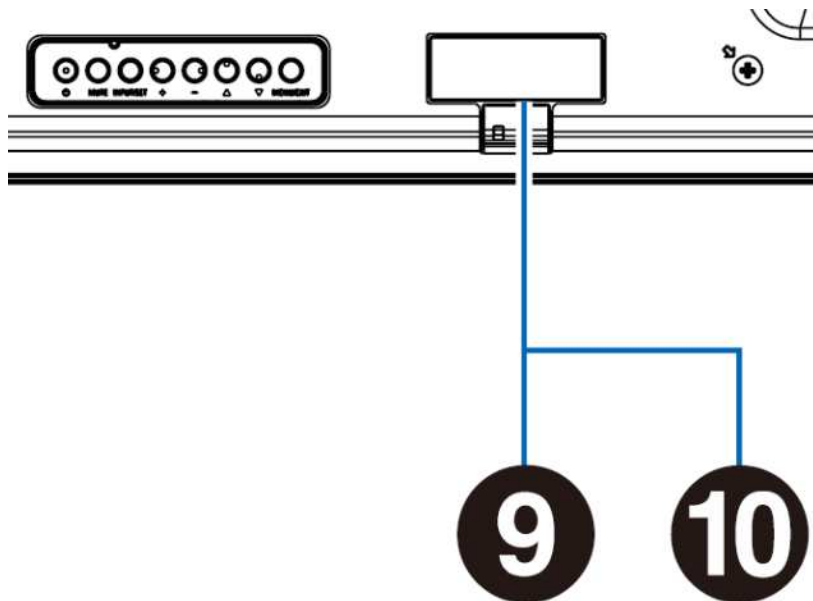
Upload a new firmware or ROM image into flash.

SELECT IMAGE	SERIES	REVISION
	011	R0.035
Success		

<input type="checkbox"/>	NO	ID ▲	IP ADDRESS(MP) ▲	IP ADDRESS(CONTROL) ▲	SERIES	MONITOR NAME	FIRMWARE
<input checked="" type="checkbox"/>	1	0	192.168.0.110		011		

The dialog for confirming the start of update appears.

Firmware update starts. A message appears on the screen of the monitor and the LED (in the figure below) blinks in green. Upon the completion of update, the blinking pattern of the LED changes. Go to "9. Confirm the LED blinking pattern of the monitor." (P9).



Note

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

Tip

- Time required of update is 10minutes.
- During update, " Updating...**%." is displayed on the screen.

NEC[HOME](#)

[NETWORK SETTINGS](#)
[MEDIA PLAYER SETTINGS](#)
[UPDATE FIRMWARE](#)
[SD-CARD VIEWER](#)

UPDATE FIRMWARE

Upload a new firmware or ROM image into flash.

SELECT IMAGE

SERIES	ID	REVISION	R0.035

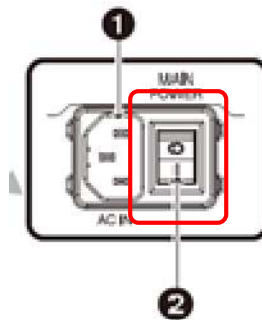
<input type="checkbox"/>	NO	ID ▲	IP ADDRESS ▲	SERIES	FIRMWARE
<input checked="" type="checkbox"/>	1	0	192.168.0.110		Updating...70%

Copyright © NEC Display Solutions, Ltd. 2016. All rights reserved.

9. Confirm the LED blinking pattern of the monitor.

Upon the completion of update, the LED blinking pattern changes.

Refer to "Confirming the Firmware Update Results" (P10).

10. Turn the main power to the monitor off and then on again.**Note**

To terminate firmware update, this procedure must be performed.

Otherwise, the monitor may fail to run normally

Confirming the Firmware Update Results

Upon the completion of update, the green-blinking LED changes to one of the following.

- Alternately blinking in green and red (update successful).
- Blinking in red (update failure).

■ When the LED is blinking in green and red alternately (update successful):

Update has completed normally.

Tip

When update has been successful, the screen of the monitor displays the following.

NEC

[HOME](#)

[NETWORK SETTINGS](#)
[MEDIA PLAYER SETTINGS](#)
[UPDATE FIRMWARE](#)
[SD-CARD VIEWER](#)

UPDATE FIRMWARE

Upload a new firmware or ROM image into flash.

SELECT IMAGE	<input type="text" value="Browse..."/>			
	SERIES	<input type="text" value=""/>	REVISION	R0.035

<input type="checkbox"/>	NO	ID ▲	IP ADDRESS △	SERIES	FIRMWARE
<input checked="" type="checkbox"/>	1	0	192.168.0.110	<input type="text" value=""/>	Success(R0.035)

Copyright © NEC Display Solutions, Ltd. 2016. All rights reserved.

■ When the LED is blinking in red (update failure):

Repeat the procedure again from step 3 (P5) in "Updating Firmware". Moreover, refer to "If Firmware Update Fails" (P12).

Tip

If update has failed, the screen of the monitor displays the following.

NEC

[HOME](#)

[NETWORK SETTINGS](#)
[MEDIA PLAYER SETTINGS](#)
[UPDATE FIRMWARE](#)
[SD-CARD VIEWER](#)

UPDATE FIRMWARE

Upload a new firmware or ROM image into flash.

SELECT IMAGE	📁...			
	SERIES	R0.035	REVISION	R0.035

<input type="checkbox"/>	NO	ID ▲	IP ADDRESS △	SERIES	FIRMWARE
<input checked="" type="checkbox"/>	1	0	192.168.0.110	R0.035	Failure

Copyright © NEC Display Solutions, Ltd. 2016. All rights reserved.

If Firmware Update Fails

If firmware update fails, check the following.

- The monitor fails to operate even if its power is turned on.

The monitor does not run when the main power is turned on after firmware update fails.

If the monitor does not run, please update via USB.

Daisy chain Firmware Update

- If you want to update the firmware by daisy chain, click [Search] button.

NEC MP

HOME

REMOTE CONTROL

PICTURE
AUDIO
SCHEDULE
MULTI INPUT
OSD
MULTI DISPLAY
DISPLAY PROTECTION
CONTROL
OPTION
SYSTEM

GO TO UPDATE FIRMWARE

GO TO UPDATE FIRMWARE

SEARCH

NO	ID	IP ADDRESS(MP)	SERIES	MONITOR NAME	FIRMWARE
1	1	192.168.0.110			



HOME

REMOTE CONTROL

INPUT
PICTURE
AUDIO
SCHEDULE
MULTI INPUT
OSD
MULTI DISPLAY
DISPLAY PROTECTION
CONTROL
OPTION
SYSTEM

GO TO UPDATE FIRMWARE

GO TO UPDATE FIRMWARE

Detected Monitors 4 SEARCH

NO	ID	IP ADDRESS(MP)	IP ADDRESS(CONTROL)	SERIES	MONITOR NAME	FIRMWARE
1	2	192.168.0.102	192.168.0.2			R1.001
2	4	192.168.0.104	192.168.0.4			R0.063
3	3	192.168.0.103	192.168.0.3			
4	5	192.168.0.105	192.168.0.5			

- If you want to change the target monitor, change the check box.

HOME

NETWORK SETTINGS
MEDIA PLAYER SETTINGS
UPDATE FIRMWARE
SD-CARD VIEWER

UPDATE FIRMWARE

Upload a new firmware or ROM image into flash.

SELECT IMAGE	C:\Users\User\Desktop\Athlon5 FW\WDS_CDT_... ..			
	SERIES	1	REVISION	R1.001
	Success			

<input type="checkbox"/>	NO	ID ▲	IP ADDRESS(MP) △	IP ADDRESS(CONTROL) △	SERIES	MONITOR NAME	FIRMWARE
<input checked="" type="checkbox"/>	1	2	192.168.0.102	192.168.0.2			R1.001
<input checked="" type="checkbox"/>	2	3	192.168.0.103	192.168.0.3			
<input checked="" type="checkbox"/>	3	4	192.168.0.104	192.168.0.4			R0.063
<input checked="" type="checkbox"/>	4	5	192.168.0.105	192.168.0.5			

UPDATE