

**Firmware Update Procedure
by HTTP Server**

Rev.0.2

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

- 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.
- Depending on the firmware before updating, the monitor need time after complete the firmware updating

■ Symbols

This manual uses the following symbols.

Note

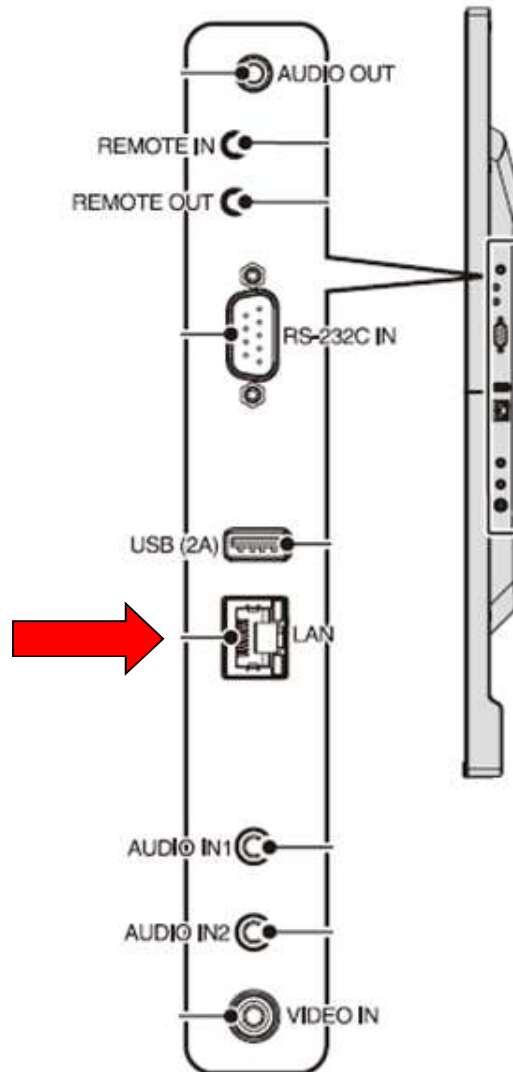
Describes information that must be noted.

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 C501 MP

HOME

REMOTE CONTROL

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

NETWORK (CONTROL)
NETWORK (MEDIA PLAYER)
MAIL
SNMP
AMX
CRESTRON
NAME
NETWORK SERVICE
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	C501
SERIAL	01234567AB

FIRMWARE VERSION

REVISION	R1.004
----------	--------

ETHERNET (CONTROL)

MAC ADDRESS	74:3a:65:a0:bd:63
IPv4 ADDRESS	192.168.0.10
SUBNET MASK	255.255.255.0
DEFAULT GATEWAY	0.0.0.0
DNS PRIMARY	0.0.0.0
DNS SECONDARY	0.0.0.0

Copyright © NEC Display Solutions, Ltd. 2017. All rights reserved.

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

SNMP
AMX
CRESTRON
NAME
NETWORK SERVICE
MEMO
UPDATE FIRMWARE
SD-CARD VIEWER

ETHERNET (CONTROL)

MAC ADDRESS	74:3a:65:a0:bd:63
IPv4 ADDRESS	192.168.0.10
SUBNET MASK	255.255.255.0
DEFAULT GATEWAY	0.0.0.0
DNS PRIMARY	0.0.0.0
DNS SECONDARY	0.0.0.0

Copyright © NEC Display Solutions, Ltd. 2017. All rights reserved.

The GO TO UPDATEFIRMWARE screen appears.

HOME

REMOTE CONTROL

INPUT
PICTURE
AUDIO
SCHEDULE
MULTI INPUT
OSD

GO TO UPDATE FIRMWARE

GO TO UPDATE FIRMWARE SEARCH

NO	ID	IP ADDRESS(MP)	IP ADDRESS(CONTROL)	SERIES	MONITOR NAME	FIRMWARE
1	1	192.168.0.110	192.168.0.10	A51		R1.004

3. Check the IP ADDRESS of MediaPlayer

NEC C501 MP

HOME

REMOTE CONTROL

INPUT
PICTURE
AUDIO
SCHEDULE
MULTI INPUT
OSD

GO TO UPDATE FIRMWARE

GO TO UPDATE FIRMWARE SEARCH

NO	ID	IP ADDRESS(MP)	IP ADDRESS(CONTROL)	SERIES	MONITOR NAME	FIRMWARE
1	1	192.168.0.110	192.168.0.10	A51		R1.004

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 C501 MP

HOME

REMOTE CONTROL

INPUT
PICTURE
AUDIO
SCHEDULE
MULTI INPUT
OSD

GO TO UPDATE FIRMWARE

GO TO UPDATE FIRMWARE SEARCH

NO	ID	IP ADDRESS(MP)	IP ADDRESS(CONTROL)	SERIES	MONITOR NAME	FIRMWARE
1	1	192.168.0.110	192.168.0.10	A51		R1.004

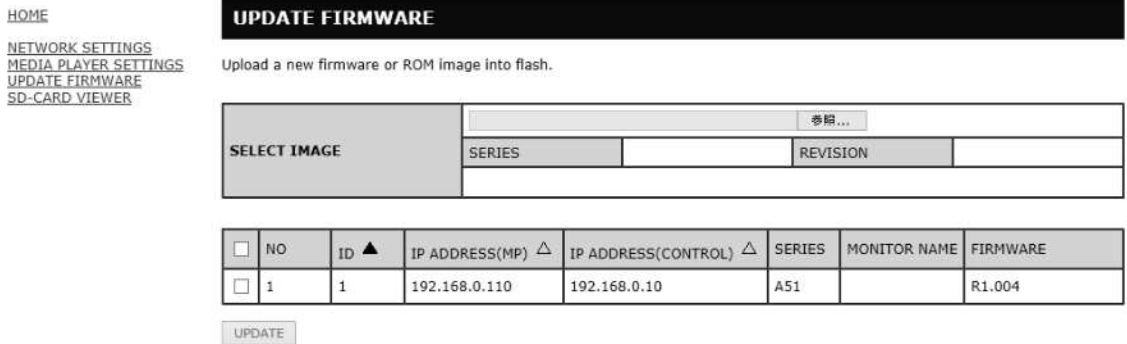
5. Click the [OK] button

NEC C501 MP

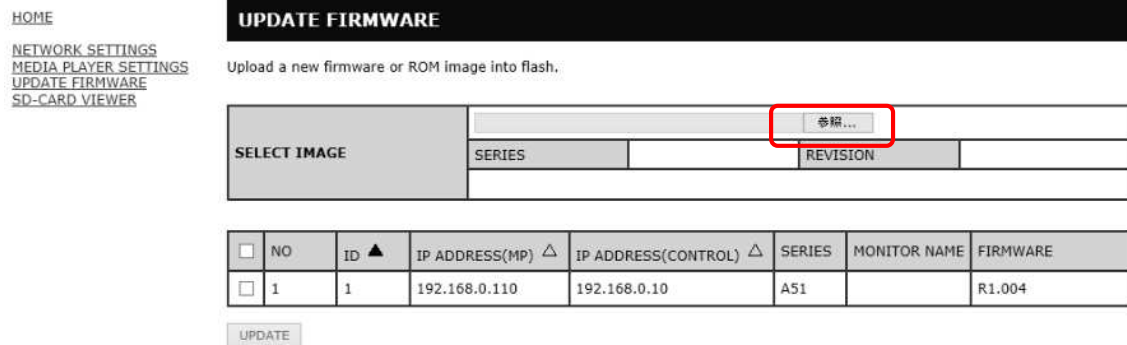


The UPDATE FIRMWARE screen appears.

NEC



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



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

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

UPDATE FIRMWARE

Upload a new firmware or ROM image into flash.

SELECT IMAGE	G:\NDS_CDT_BARTON_R1004.pac 参照...	
	SERIES	REVISION
	Uploading ... 50%	

<input type="checkbox"/>	NO	ID ▲	IP ADDRESS(MP) △	IP ADDRESS(CONTROL) △	SERIES	MONITOR NAME	FIRMWARE
<input type="checkbox"/>	1	1	192.168.0.110	192.168.0.10	A51		R1.004

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

UPDATE FIRMWARE

Upload a new firmware or ROM image into flash.

SELECT IMAGE	G:\NDS_CDT_BARTON_R1004.pac 参照...	
	SERIES	REVISION
	Success	

<input type="checkbox"/>	NO	ID ▲	IP ADDRESS(MP) △	IP ADDRESS(CONTROL) △	SERIES	MONITOR NAME	FIRMWARE
<input checked="" type="checkbox"/>	1	1	192.168.0.110	192.168.0.10	A51		R1.004

NEC

Tip

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

File name ^(Note)	Extension
NDS_CDT_BT_R****.pac	.pac

(Note) V***: 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

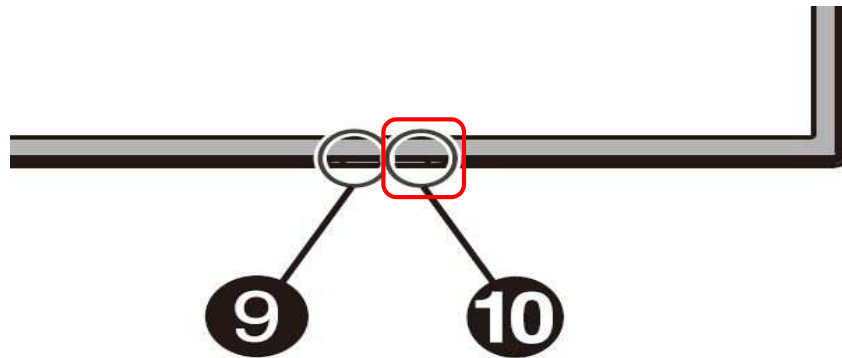
Upload a new firmware or ROM image into flash.

SELECT IMAGE	G:\WDS_CDT_BARTON_R1004.pac 参照...			
	SERIES	A51	REVISION	R1.004
	Success			

<input type="checkbox"/>	NO	ID ▲	IP ADDRESS(MP) △	IP ADDRESS(CONTROL) △	SERIES	MONITOR NAME	FIRMWARE
<input checked="" type="checkbox"/>	1	1	192.168.0.110	192.168.0.10	A51		R1.004

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

G:\NDS_CDT_BARTON_R1004.pac 参照...

SERIES	A51	REVISION	R1.004
--------	-----	----------	--------

<input type="checkbox"/>	NO	ID ▲	IP ADDRESS(MP) △	IP ADDRESS(CONTROL) △	SERIES	MONITOR NAME	FIRMWARE
<input checked="" type="checkbox"/>	1	1	192.168.0.110	192.168.0.10	A51		Updating...57%

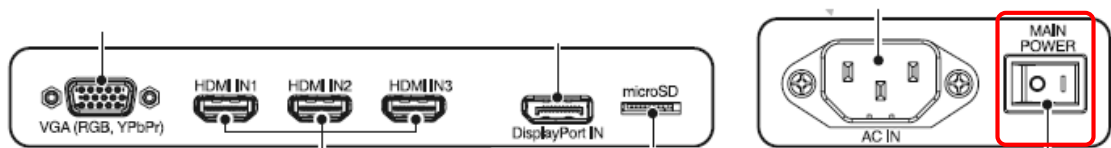
UPDATE

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	G:\NDS_CDT_BARTON_R1004.pac <input type="button" value="参照..."/>		
	SERIES	A51	REVISION

<input type="checkbox"/>	NO	ID ▲	IP ADDRESS(MP) △	IP ADDRESS(CONTROL) △	SERIES	MONITOR NAME	FIRMWARE
<input checked="" type="checkbox"/>	1	1	192.168.0.110	192.168.0.10	A51		Success(R1.004)

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

Repeat the procedure again from step 3 (P4) in "Updating Firmware". Moreover, refer to "If Firmware Update Fails" (P11).

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	G:\VDS_CDT_BARTON_R1004.pac 参照...					
	SERIES	A51	REVISION	R1.004		

<input type="checkbox"/>	NO	ID ▲	IP ADDRESS(MP) △	IP ADDRESS(CONTROL) △	SERIES	MONITOR NAME	FIRMWARE
<input checked="" type="checkbox"/>	1	1	192.168.0.110	192.168.0.10	A51		Failure

UPDATE

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 C501 MP

[HOME](#)

[REMOTE CONTROL](#)

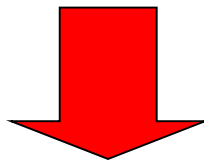
[INPUT](#)
[PICTURE](#)
[AUDIO](#)
[SCHEDULE](#)
[MULTI INPUT](#)
[OSD](#)

GO TO UPDATE FIRMWARE

GO TO UPDATE FIRMWARE

SEARCH

NO	ID	IP ADDRESS(MP)	IP ADDRESS(CONTROL)	SERIES	MONITOR NAME	FIRMWARE
1	1	192.168.0.110	192.168.0.10	A51		R1.004



NEC C431 MP

[HOME](#)

[REMOTE CONTROL](#)

[INPUT](#)
[PICTURE](#)
[AUDIO](#)
[SCHEDULE](#)
[MULTI INPUT](#)
[OSD](#)
[MULTI DISPLAY](#)
[DISPLAY PROTECTION](#)
[CONTROL](#)
[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	1	192.168.0.110	192.168.0.10	A51	C431	R1.002
2	1	192.168.0.111	192.168.0.12	A51	C501	R1.002
3	1	192.168.0.113	192.168.0.13	A51	C551	R1.002
4	1	192.168.0.111	192.168.0.11	A51	C501	R1.002

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

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	G:\NDS_CDT_BARTON_R1004.pac <input type="button" value="参照..."/>			
	SERIES	A51	REVISION	R1.004
	Success			

<input type="checkbox"/>	NO	ID ▲	IP ADDRESS(MP) △	IP ADDRESS(CONTROL) △	SERIES	MONITOR NAME	FIRMWARE
<input checked="" type="checkbox"/>	1	1	192.168.0.110	192.168.0.10	A51	C431	R1.002
<input checked="" type="checkbox"/>	2	1	192.168.0.112	192.168.0.12	A51	C501	R1.002
<input checked="" type="checkbox"/>	3	1	192.168.0.111	192.168.0.11	A51	C501	R1.002
<input checked="" type="checkbox"/>	4	1	192.168.0.113	192.168.0.13	A51	C551	R1.002

UPDATE