

# PXW-X180/X160 Update Manual

PXW-X180/X160

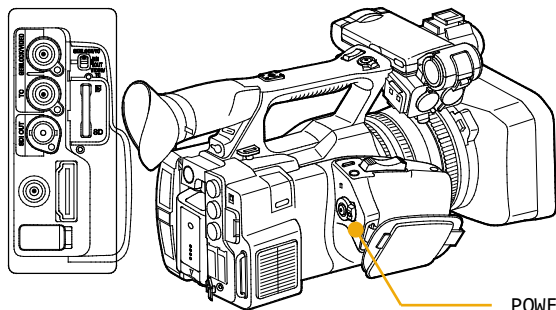
# SYSTEM SOFTWARE

## How to identify whether your camera needs an Update

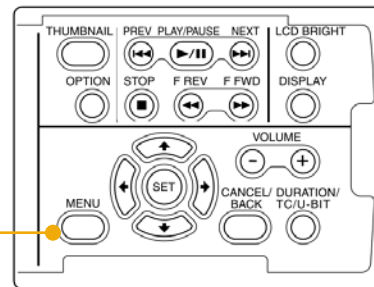
Please check the version of the system software, following the procedure listed below.

### How to check the system software version

1. Switch ON the POWER of the camera.
2. Go into the menu by pressing the “MENU” button.
3. Go into “Version” in the “System” menu.
4. System software version will be displayed.
5. Press “MENU” button to exit the menu, after checking the version of the system software.

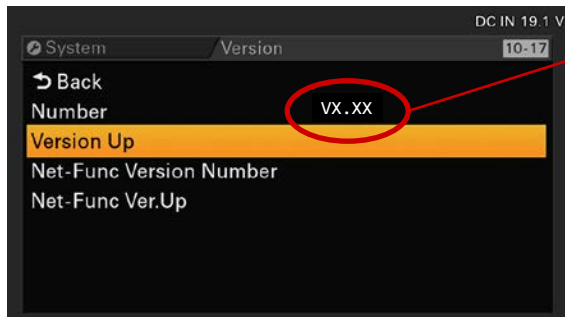
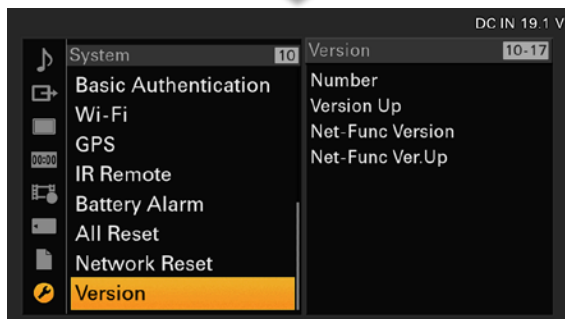
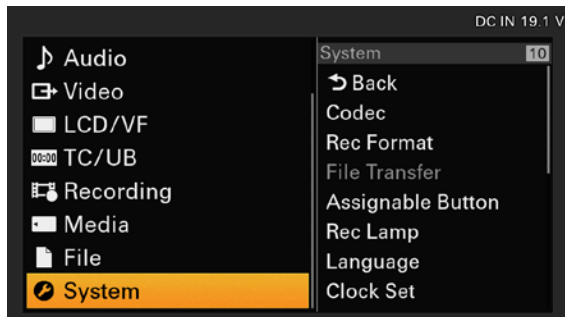


MENU” button



## How to identify whether your camera needs an Update

### How to check the system software version



former version

## Prepare for the System Software Version Update

Please prepare the following equipment other than the camera itself before downloading the update file.

### Required SD Card Specification

- Please use a SD/SDHC card (Speed Class: 4-10/UHS cannot be used/Capacity 2-32GB) or a SD card (File System: FAT16/Capacity: up to 2GB).
  - Format the SD card in “UTILITY SD” slot using the PXW-X180/X160 “FORMAT MEDIA” function.
- ◆ Please refer to the instruction manual regarding the “FORMAT MEDIA” function.

### Caution During the update

- Please use the supplied AC Adaptor during the update.

### Uncompress the downloaded system software file

Please uncompress the downloaded system software file

- (\*) Depending on the OS, the downloaded file might all ready be uncompressed.
- (\*) Depending on your PC/Mac extension (\*.bin) might not be visible.
- (\*) This file is a system software for the camera, you do not need to double click and open the file.

## Copy the Update System Software to the media (SD/SDHC)

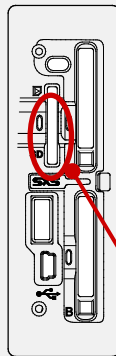
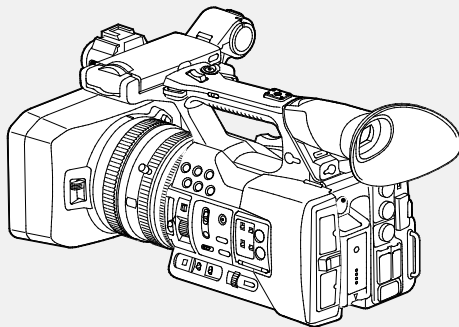
### Prepare the Media Card

Prepare the media card (SD/SDHC) for the update.  
Format the media card (SD/SDHC) using the camera.

- ⚠ Update might not start, if the media is not correctly formatted.
- ⚠ If you format the media, all files included in the media will be deleted.

#### ■ About the Media Slot Used in the update

- Use the “UTILITY SD”
  - For updating the system software and formatting the SD card for the update, please use this slot.



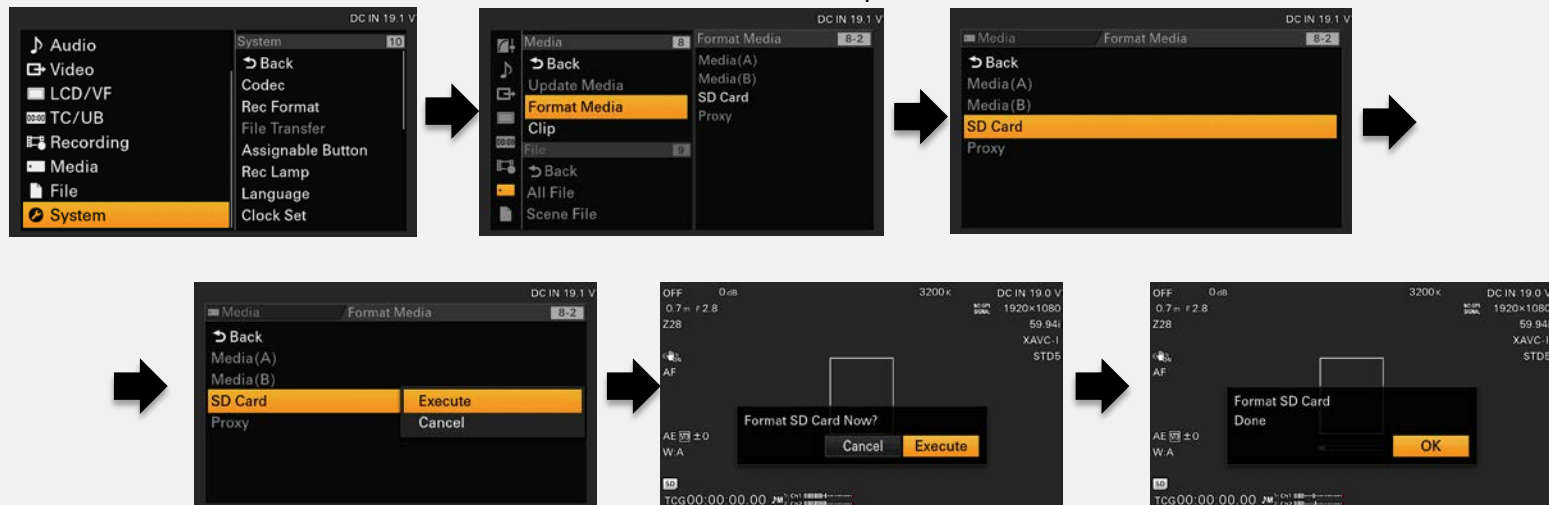
“UTILITY SD” slot

## Copy the Update System Software to the media (SD/SDHC)

### Prepare the Media Card

#### ■How to Format the Media

1. Insert the media into the “UTILITY SD” slot of the camera and turn the POWER ON.
2. Go into “MENU” using the MENU button and select “SD Card” in the “FORMAT MEDIA” menu. Press “SET” and format the media.
3. Press “MENU” to close the menu after the format is completed.



## Copy the Update System Software to the media (SD/SDHC)

### Copy the update system software onto the Media Card(SD/SDHC)

Remove the media card(SD/SDHC) from the camera after formatting the media, and insert it to your PC/Mac. Depending on your PC/Mac environment, execute the following procedure to copy the update system software file to the media card.

 When the media is inserted to a PC/Mac, several windows might pop up automatically, please close all of them.

Copy the system software update file (xxxx.bin) to the root directly (top layer) of the media.



## Update the System Software

### Caution

Please use the AC Adaptor during the system software update.

If the power of the camera turns off during the system software version update, the camera might not work properly. Please make sure the cable of the AC Adaptor does not detach.

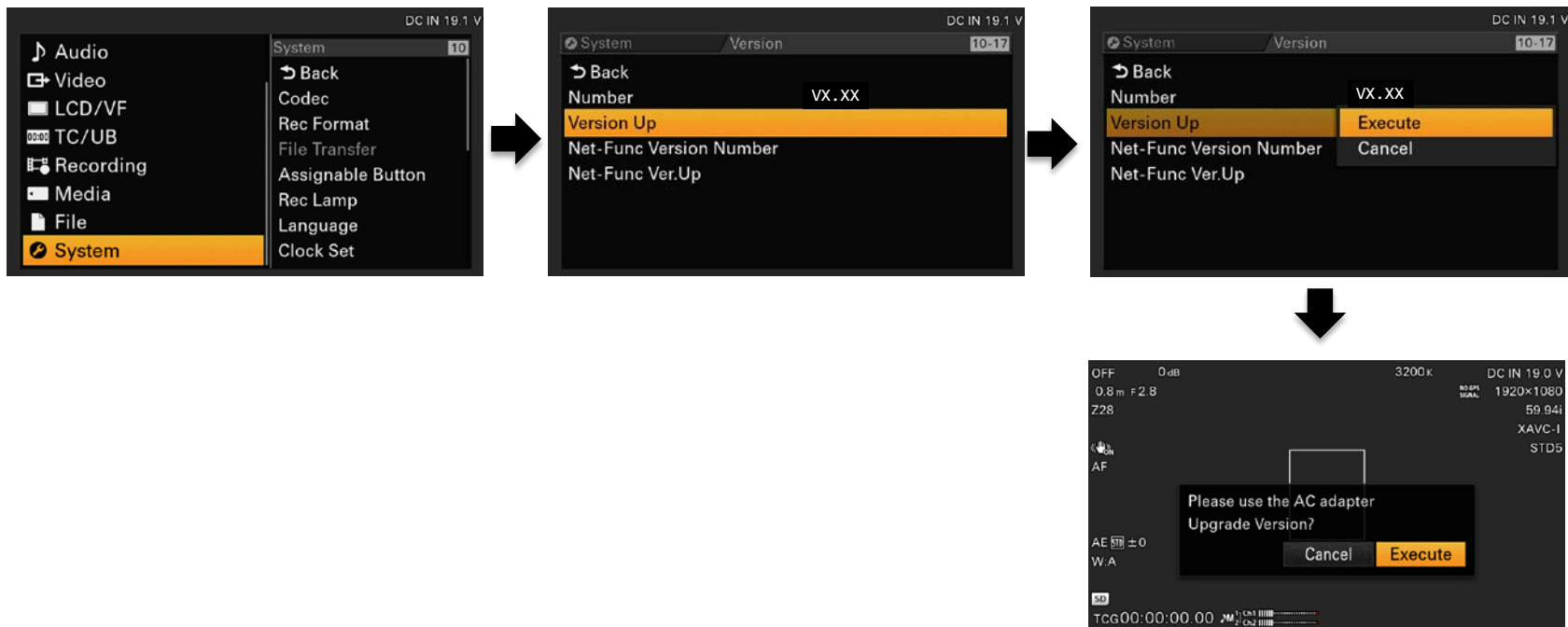
If the media card is ejected during the system software version update, the camera might not work properly. Please do not eject the media card during the system software version update.

Disconnect connected devices(such as USB wireless LAN module(IFU-WLM3), SDI, HDMI, microphone, LED light) and eject any media in the SxS memory card slot before upgrading.

Version Up cannot be performed while recording, playing, or displaying thumbnails or when "Setting" in "Streaming" or "Setting" in "Network Client Mode" of the System menu is set to "On". Stop recording, playing, or displaying thumbnails or set these "Setting" to "Off".

## Update the System Software

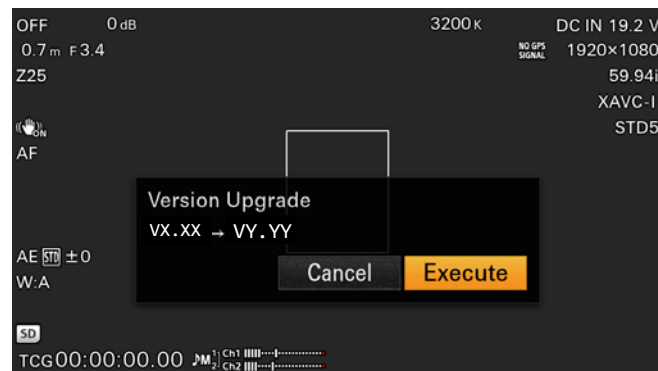
1. Insert the media card (SD/SDHC) for the system software version update, and turn the POWER ON by turning the "POWER" switch.
2. Go to "Version" in the "System" menu and select "Version Up".  
「Please use the AC Adapter; Upgrade Version?」 will appear on the screen.



## Update the System Software

### 3. Select “Execute”

「Version Upgrade VX.XX > VY.YY」 will appear on the screen  
(X.XX: former version, Y.YY: new version)



If the system software data is not found [Version Upgrade No File] will appear on the screen.  
Possible cause is listed below.

- system software update file is not saved on the root directly of the media (SD/SDHC).
  - system software update file of an other camera has been saved.
  - Could not decode the system software update data correctly.
- Go back to the first procedure and try again.

## Update the System Software

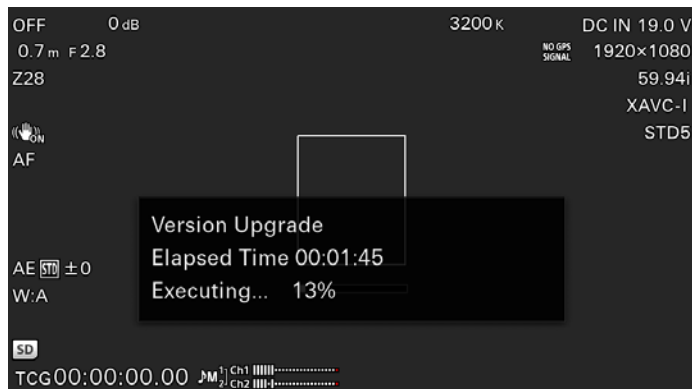
### 4. Select “Execute”

Version update will begin.

Version update will be executed in two phases, Phase 1 and Phase 2.

When the version update begins, the REC lamp will start blinking, and [Version Upgrade Elapsed Time XX:YY:ZZ Executing... XX%] will appear on the screen. (XX:YY:ZZ: Elapsed time, XX%: finished percentage)

Phase	Approx. time
Phase1	8 min.
Phase2	14 min.



## Update the System Software

### 4. Select “Execute”

#### Caution

Between version update Phase1 and Phase2, the camera will reboot and the message on the screen will disappear. Although the message disappears from the screen, version update is still running, do not turn the power off.

Once the version up is completed, the REC lamp will stop blinking and [Version Upgrade OK Turn Power Off] will appear on the screen.

#### When the Version Update Procedure is Terminated

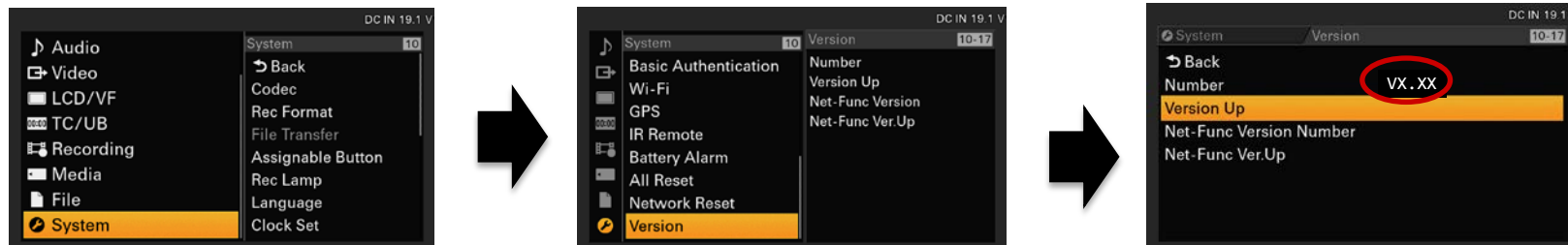
If there is a error during the version update, [Version Upgrade NG: Cannot Read. Power Off] will appear on the screen. Reboot the camera and redo the whole process from the beginning.

#### When the Version Update Failed

[Version Upgrade Error!!!] will appear on the screen. Redo the whole process from the beginning. If the error still appears, camera might need repair, please contact your local Sony service center.

## Update the System Software

5. Reboot the camera.
6. Check the system software version.



**If the System Software Version is not Updated.**

Please check the procedure and redo the version update again.

PXW-X180

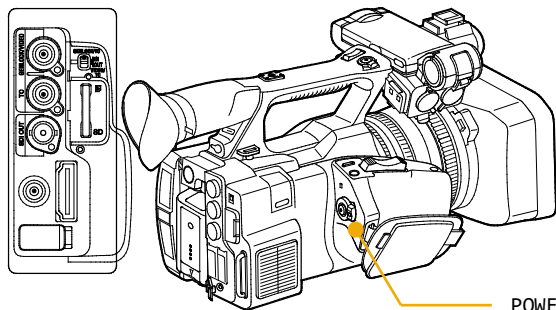
# NETWORK FUNCTION SOFTWARE UPDATE

## How to identify whether your camera needs an Update

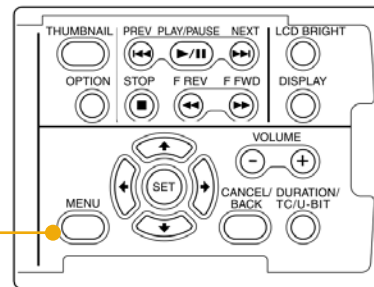
Please check the version of the Net-Func software, following the procedure listed below.

### How to check the Net-Func software version

1. Switch ON the POWER of the camera.
2. Go into the menu by pressing the “MENU” button.
3. Go into “Version” in the “System” menu.
4. System software version will be displayed.
5. Press “MENU” button to exit the menu, after checking the version of the system software.



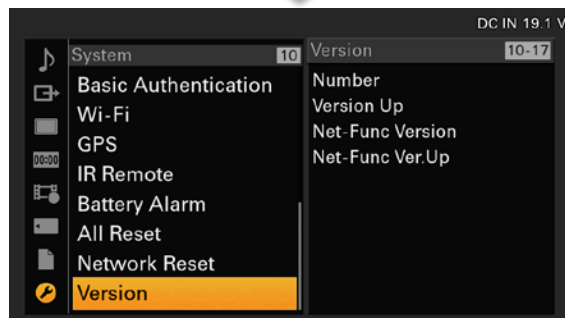
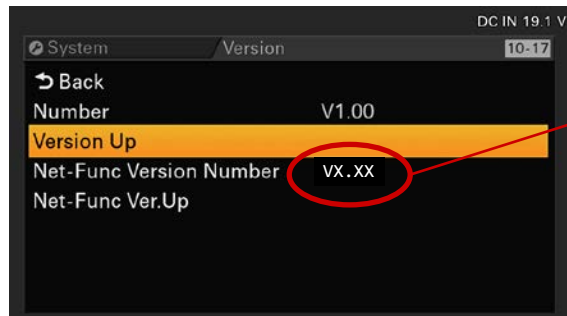
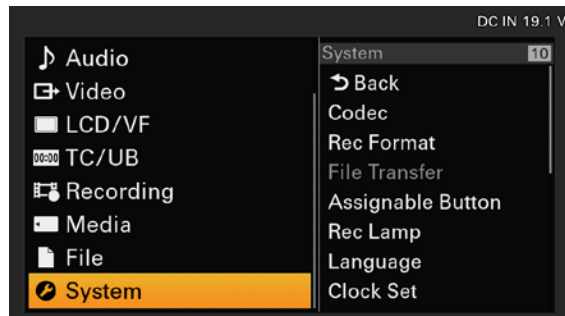
MENU” button





## How to identify whether your camera needs an Update

### How to check the Net-Func software version



If you can not see Net-Func Version Number, Please turn on any function of the following

- Network Setting
- Proxy Recording

## Prepare for the Net-Func Software Version Update

Please prepare the following equipment other than the camera itself before downloading the update file.

### Required SD Card Specification

- Please use a SDHC card (Speed Class: 4-10/UHS cannot be used/Capacity 4-32GB).
  - Format the SDHC card in “PROXY SD” slot using the PXW-X180 “FORMAT MEDIA” function.
- ◆ Please refer to the instruction manual regarding the “FORMAT MEDIA” function.

### Caution During the update

- Please use the supplied AC Adaptor during the update.

### Uncompress the downloaded system software file

Please uncompress the downloaded system software file

- (\*) Depending on the OS, the downloaded file might all ready be uncompressed.
- (\*) Depending on your PC/Mac extension (\*.bin) might not be visible.
- (\*) This file is a system software for the camera, you do not need to double click and open the file.

## Copy the Update Net-Func Software to the media (SDHC)

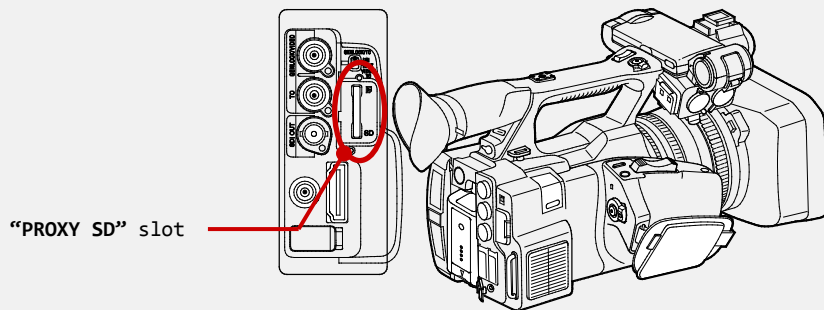
### Prepare the Media Card

Prepare the media card (SDHC) for the update.  
Format the media card (SDHC) using the camera.

- ⚠ Update might not start, if the media is not correctly formatted.
- ⚠ If you format the media, all files included in the media will be deleted.

#### ■ About the Media Slot Used in the update

- Use the “PROXY SD”
  - For updating the system software and formatting the SD card for the update, please use this slot.

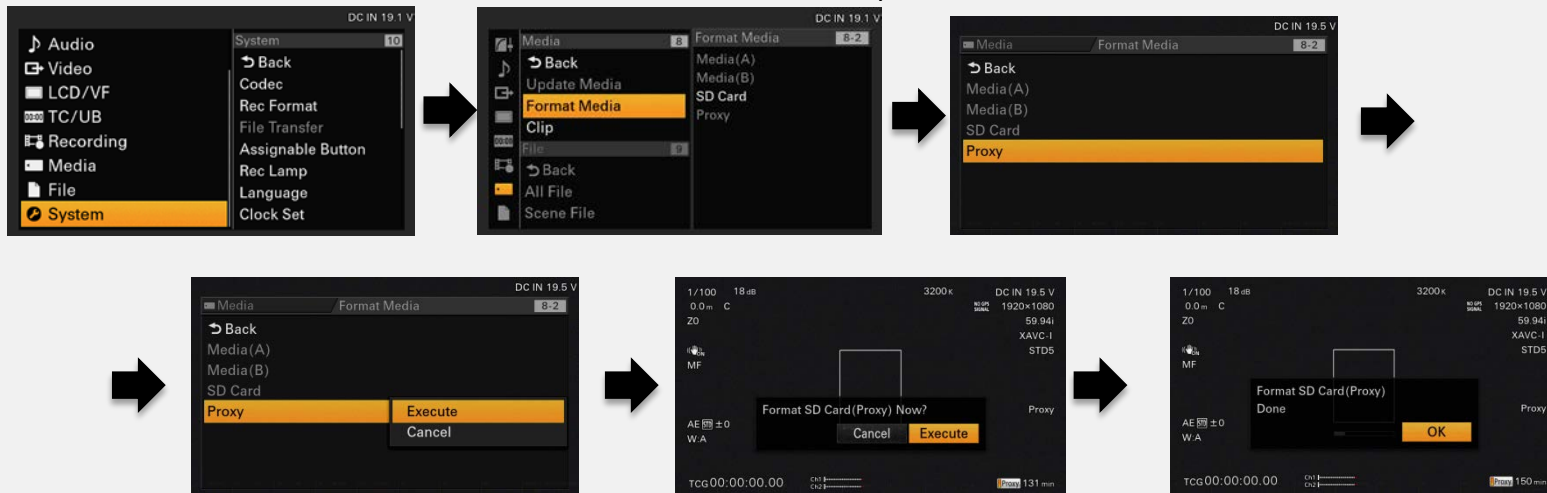


## Copy the Update Net-Func Software to the media (SDHC)

### Prepare the Media Card

#### ■How to Format the Media

1. Insert the media into the “PROXY SD” slot of the camera and turn the POWER ON.
2. Go into “MENU” using the MENU button and select “Proxy” in the “FORMAT MEDIA” menu. Press “SET” and format the media.
3. Press “MENU” to close the menu after the format is completed.



## Copy the Update Net-Func Software to the media (SDHC)

### Copy the update Net-Func software onto the Media Card(SDHC)

Remove the media card(SDHC) from the camera after formatting the media, and insert it to your PC/Mac. Depending on your PC/Mac environment, execute following procedure to copy the update system software file to the media card.

 When the media is inserted to a PC/Mac, several windows might pop up automatically, please close all of them.

Copy the system software update file (xxxx.bin) to the root directly (top layer) of the media.

## Update the Net-Func Software

### Caution

Please use the AC Adaptor during the system software update.

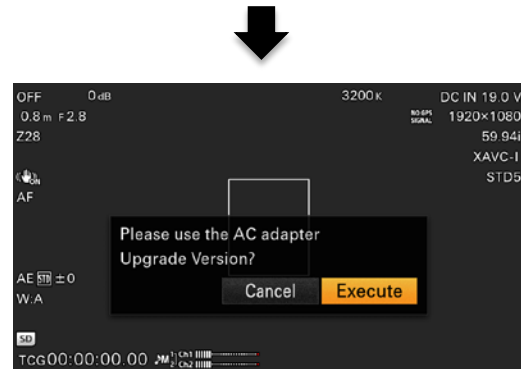
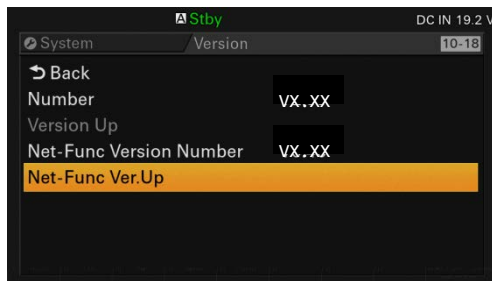
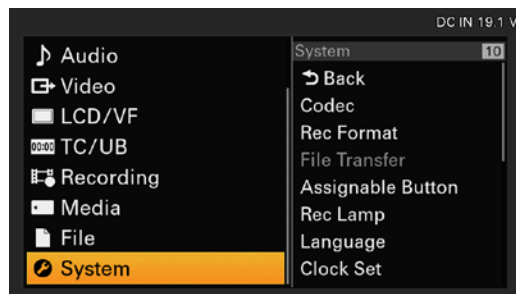
If the power of the camera turns off during the system software version update, the camera might not work properly. Please make sure the cable of the AC Adaptor does not detach.

If the media card is ejected during the system software version update, the camera might not work properly. Please do not eject the media card during the system software version update.

After update is completed, all setup returns to the default settings set at the factory.

## Update the Net-Func Software

1. Insert the media card (SDHC) for the Net-Func software version update, and turn the POWER ON by turning the "POWER" switch.
2. Go to "Version" in the "System" menu and select "net-Func Ver.Up".  
「Please use the AC Adapter; Upgrade Version?」 will appear on the screen.



## Update the Net-Func Software

### 3. Select “Execute”

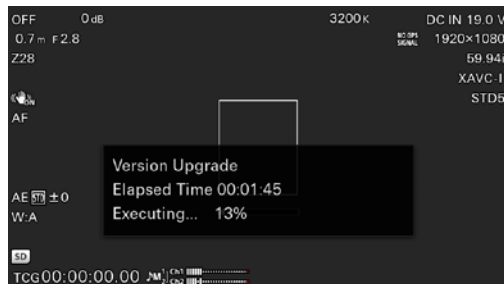
Version update will begin.

Version update will be executed in two phases, Phase 1 and Phase 2.

When the version update begins, the REC lamp will start blinking, and [Version Upgrade Elapsed Time XX:YY:ZZ Executing... XX%] will appear on the screen. (XX:YY:ZZ: Elapsed time, XX%: finished percentage)

Approx. time

4 min.



If the system software data is not found [Version Upgrade No File] will appear on the screen. Possible cause is listed below.

- system software update file is not saved on the root directly of the media (SDHC).
- system software update file of an other camera has been saved.
- Could not decode the system software update data correctly.

Go back to the first procedure and try again.



## Update the Net-Func Software

### 4. Select “Execute”

#### Caution

Once the version up is completed, the REC lamp will stop blinking and [Version Upgrade OK Turn Power Off] will appear on the screen.

#### When the Version Update Procedure is Terminated

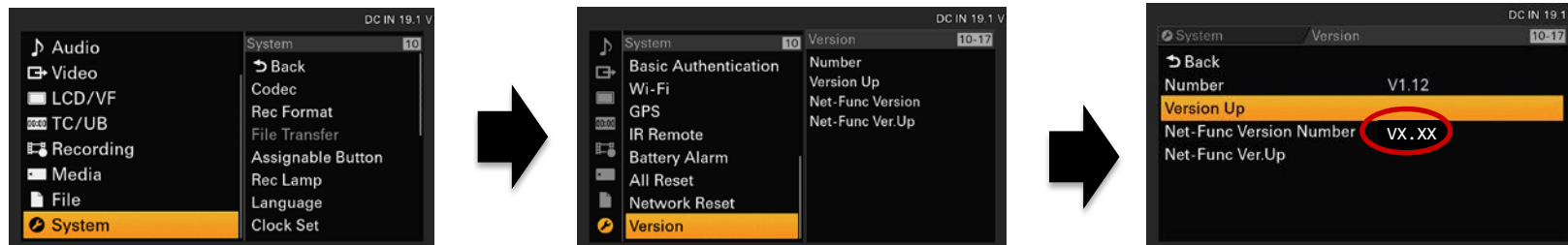
If there is a error during the version update, [Version Upgrade NG: Cannot Read. Power Off] will appear on the screen. Reboot the camera and redo the whole process from the beginning.

#### When the Version Update Failed

[Version Upgrade Error!!] will appear on the screen. Redo the whole process from the beginning. If the error still appears, camera might need repair, please contact your local Sony service center.

## Update the Net-Func Software

5. Reboot the camera.
6. Check the system software version.



**If the net-Func Software Version is not Updated.**

Please check the procedure and redo the version update again.