

Firmware update procedure

There are the procedure of two cases as follows.

- Case 1 : Firmware update normally. → Procedure 1
Case 2 : Update firmware after changing Main P.C.B. or NAND FLASH ROM(IC102). → Procedure 2

Caution

- 1 Do not turn off the power or remove SD Card while firmware updating . Camcorder turns off the power automatically after completion of updating.
- 2 Attempt the firmware updating after charging battery full.

Preparation

- 1 Prepare an SD card that formatted by Panasonic camcorder.
- 2 Firmware (download from TSN)
- 3 Decompress the firmware data.
"****.bin" file is made.
- 4 Copy the firmware to SD card in "ROOT" directory

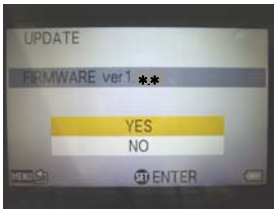
Procedure 1

Update procedure

- 1 Insert the SD card to camcorder
- 2 Press REC/PLAY button to PLAY mode
- 3 Press MENU for PLAY MENU display
- 4 Select OPTION MENU and move cursor to FORMAT
Note: Do not press SET button after moving cursor to FORMAT



- 6 Press Cursor left "-" key for 2 seconds and display FIRMWARE UPDATE
- 7 Move cursor to YES



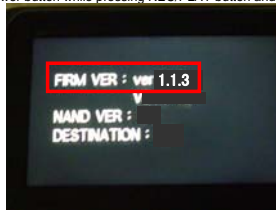
- 8 Press SET and execute firmware updating
Camcorder turns power OFF automatically after completion of upgrading



- 9 Finish

[How to read the firmware version]

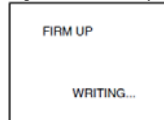
- 1 Press power button while pressing REC/PLAY button and Still picture button



Procedure 2

Update procedure

- 1 Insert the SD card(write-protect switch is on).
- 2 Turn on the power.
Start updating firmware automatically.



- 3 Turn off the power automatically when finish updating.
- 3 Take out the SD card.
- 4 Turn on the power.
Camera picture is displayed.
- 5 Turn off the power and turn on the power again.
Time set menu is displayed.
- 6 Finish.

[How to read the firmware version]

- 1 Press power button while pressing REC/PLAY button and Still picture button



Please carry out following setting by adjustment software after firmware update.

(The adjustment instruction is available at "Software download" on the "Support Information from NDBG/VDBG-AVC" web-site in "TSN System".)

1. USB storage id registration.
2. Factory Code registration.
3. Finalization.
4. Adjustment.