

Procedure for loading CAC file into Camera

P2 equipments :

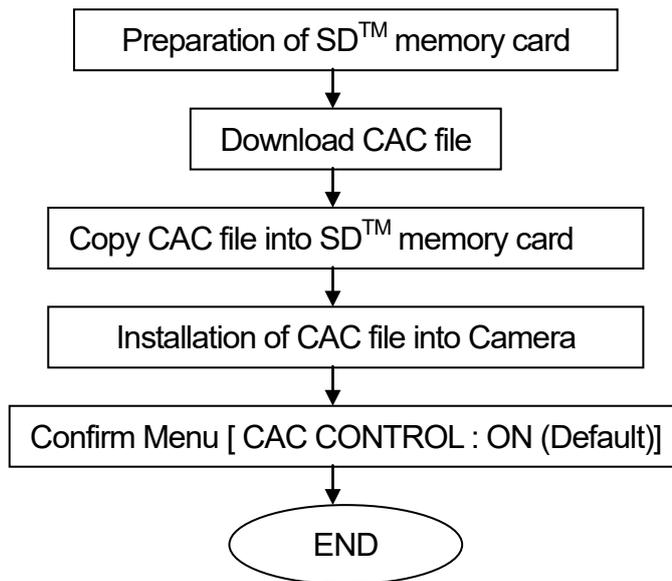
AJ-HPX3000,AJ-HPX3100,AJ-HPX2700,AJ-HPX3700 series, AJ-PX5100, AJ-PX5000G /PX2300 series,

AJ-PX800 series, AU-V23HS1 series

System Camera :

AK-HC3800 series (including AK-HC2500MC), AK-HC5000 series

1. Flow



2. Installation Procedure

2-1. Preparation of SD™ memory card (• SD, SDHC, and SDXC Logos are trademarks of SD-3C, LLC.)

1. An SD memory card or SDHC memory card is required. (Besides, the SDXC memory card is available with the AJ-PX5100, AJ-PX5000 / 2300 ,AJ-PX800, AU-V23HS1 series).

When a miniSD card or miniSDHC card is used in this unit, please install a card into the adaptor before using it. The unit will not work properly if only the card adaptor is inserted.

We recommend the SD memory card made by Panasonic to be used.

P2 equipments only

2. Format the SD memory card with P2 equipments.

Note: SD memory card used in our equipment requires to be conformed to SD standards. Be sure to format SD memory cards with P2 equipments.

<Formatting SD memory cards>

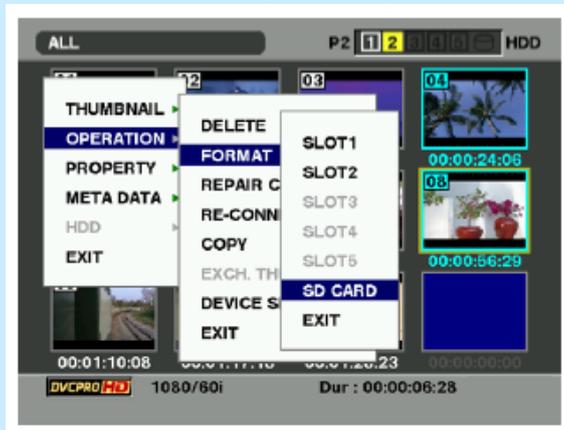
+ AJ-PX5000G /PX2300 series

MAIN MENU – FILE -> FORMAT SD CARD -> YES

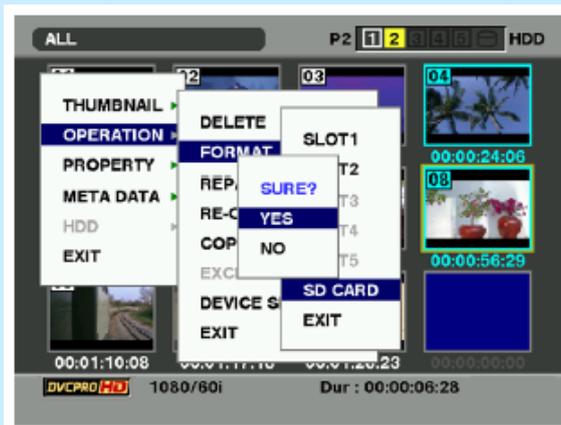
+ The other P2 equipments

1. Insert an SD memory card, and press the THUMBNAIL button. The thumbnail screen appears on the LCD monitor.

2. Press the THUMBNAIL MENU button, and select “OPERATION” → “FORMAT” from the thumbnail menu. Select “SD CARD” on the following screen. Select “EXIT” if formatting is not required.



3. The following screen appears. Select “YES” by using the cursor button and the SET button.



4. The SD memory card is formatted.

2-2. Download CAC file

1. Download the required CAC file from the CAC operation table in support website into your PC.
2. Extract the downloaded Zip file “VSI****.zip” at any folder in the PC. After extracting the zip file, CAC data file “*****.ABR” is in the following folder.
 ¥vsi****¥private¥meigroup¥pavcn¥sbg¥p2sd¥*****.ABR

2-3. Copy CAC file into SD memory card

1. Insert a formatted SD memory card into the card slot of the PC.
2. Copy the whole folder “private” in the extracted folder “vsi****” into the SD memory card.
NOTE: Do not change the construction of folder and the file name.

2-4. Loading CAC file from an SD memory card to Camera

1. Insert the SD memory card with CAC file into the SD card slot of Camera.

2. Operation MENU (Select and Press with the JOG dial button)

P2 equipments

Press the MENU button on the front for 3 seconds or more to open CAMERA MENU

FILE -> CAC FILE CARD READ -> TITLE READ

* AJ-PX5000G / PX2300

FILE -> CAC FILE (SD DARD) -> LOAD *Next step: please see the next page.

* AU-V23HS1

FILE -> CAC FILE-> LOAD (SD DARD) *Next step: please see the next page.

AK-HC3800 , AK-HC5000

Press the MENU button on the front to open USER MENU .

MAINTENANCE -> CAC FILE CARD READ -> TITLE READ

3. Select "TITLE READ" with the JOG dial button, and press it.

The lens model number is indicated in the TITLE column.

```
→ < CAC FILE CARD READ >

CARD FILE SELECT:1
  READ
  DELETE
  TITLE READ

TITLE SCROLL      :01
01:HA22X7. 8BERM-M58
02:NO FILE
03:NO FILE
04:NO FILE
05:NO FILE
06:NO FILE
07:NO FILE
08:NO FILE
```

4. Select "CARD FILE SELECT" with the JOG dial button, and press it.

5. Select "TITLE NO" to be installed, and press the JOG dial button.

6. Select "READ" with the JOG dial button, and press it. The following screen is displayed.

```
FILE READ?

→  YES
   NO(CANCEL)

MEM STORE NO.    :EMPTY
TITLE SCROLL     :01
01:HA22X7. 8BERM-M58
02:NO FILE
03:NO FILE
04:NO FILE
05:NO FILE
06:NO FILE
07:NO FILE
08:NO FILE
```

7. Select "YES" with the JOG dial button, and press it.

The CAC file which is selected in step 4 is loaded into memory in Camera.

If "EMPTY" is selected in "MEM STORE NO: EMPTY/1/2/- - -" at this time, CAC data file is saved in available space of the CAC FILE number.

If "1" is selected, CAC data file is overwritten to No.1 of CAC FILE number.

* AJ-PX5000 / PX2300 series MAIN MENU – FILE -> CAC FILE (SD CARD) -> LOAD

* AU-V23HS1 MENU - FILE -> CAC FILE-> LOAD (SD DARD)

Screen of AJ-PX5000 is displayed like sample

Select the file number to load and press with the jog dial button (or <SET> button)
The list of CAC files saved in camera memory is displayed.(Fig.2)

Select the file number to save and press with the jog dial button (or <SET> button)
Select [YES] and press with the jog dial button (or <SET> button)
The CAC files are loaded to camera memory.

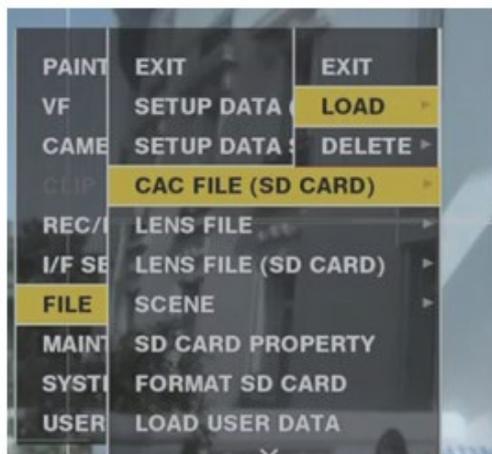


Fig. 1

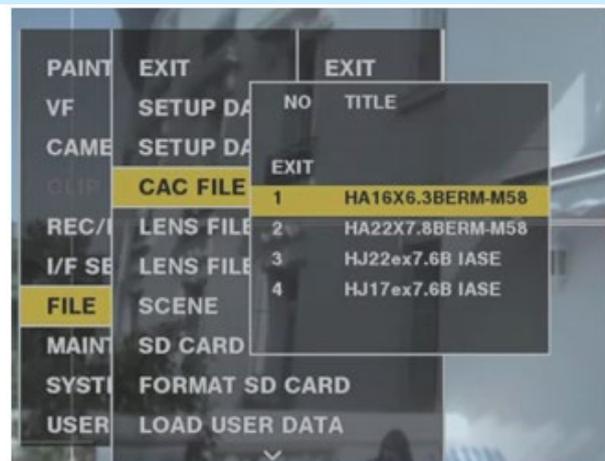


Fig. 2

The loading of the CAC file is completed with above procedure. To close the MENU operation, press the MENU button.

Following item : ON

P2 equipments: MENU – MAINTENANCE -> CAC ADJ

AU-V23HS1 :MENU – CAMERA SETTINGS – EXT.FUNC -> CAC

AK-HC3800 , AK-HC5000:USER MENU – MAINTENANCE -> CAC ADJUST

NOTE: The CAC file that can be loaded in Camera is up to 32 files.

If 32 CAC files are already loaded, "READ NG FILE MEMORY FULL" appears.

Delete any existing files before loading another new file.

AU-V23HS1 : To display extended menu items, set [MENU] → [CAMERA SETTINGS] → [Enhanced] → [Enhanced SW] to [ON].

Please refer to the operating instructions for detail.

Error message

If the following message is displayed when the JOG dial button is pressed, CAC data file cannot be read out. Please execute the description of the measures column.

Error message	Measures
READ NG NO CARD (No SD memory card is inserted)	Insert an SD memory card.
READ NG NO FILE (No file is available)	Select a file containing data and perform the read operation again.
READ NG ERROR (Data cannot be read out)	Insert an SD memory card again, and then perform the read operation again.
READ NG CANNOT ACCESS (It is impossible to access the data)	It is impossible to access the SD memory card while the card is in use. After completion of the respective operations, perform the read operation again.
READ NG FILE DATA INVALID (File data are abnormal)	The written file data have errors. Use the proper file data.
READ NG FILE MEMORY FULL (Memory is full)	The memory card is full, and new data cannot be written on it. Delete unnecessary CAC data and then perform the read operation again.

* AJ-PX5000G / PX2300 series

When the chromatic aberration compensation data is not functioning properly

When the chromatic aberration compensation function is not functioning properly, or when the chromatic aberration compensation data could not be loaded normally, the viewfinder displays an error message.

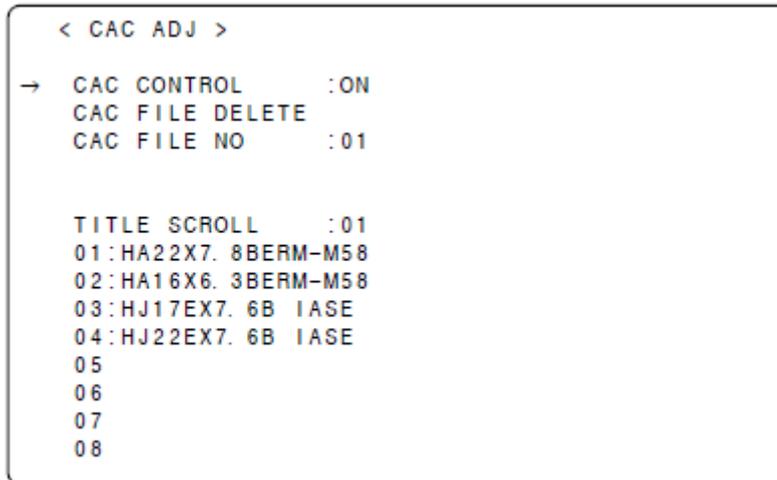
Error message	Meaning	Remedy
[CAC FILE DATA NOT FOUND]	There is no chromatic aberration compensation data matching the connected lens when the chromatic aberration compensation function is [ON]. This is displayed when the camera is turned on.	Load chromatic aberration compensation data matching the connected lens to the camera.
[CAC LENS DATA INVALID]	The response data from the lens is not supported, or the response contains information other than that defined in the chromatic aberration compensation data.	The lens is not a lens compatible with the chromatic aberration compensation function. The chromatic aberration compensation will not function, but will not cause any problems in use.
[LENS INIT. NOT COMPLETED]	Position detection (focus zoom) of the lens is encoder type, and initialization is not completed.	Turn the focus/zoom ring to pass through the center of the operating range.

NOTE

- When mounting lens optical system accessories (converter lens attachments), the chromatic aberration compensation function sometimes does not function properly since the optical characteristics of the lens change. In this case, set the chromatic aberration compensation function to [OFF].
- When a focus servo is used on CANON lenses, enable recording after initialization is completed in the automatic initialization mode. Data is sometimes recording while the focus ring is moving.
- When an error message is also not displayed while the chromatic aberration compensation function is not functioning, the software version of the lens might be old. Contact the manufacturer of the lens you are using.

<Deleting CAC file>

1. P2 equipments: MENU – MAINTENANCE -> CAC ADJ
AK-HC3800, AK-HC5000 : USER MENU – MAINTENANCE -> CAC ADJUST
* The screen of P2 is displayed like sample



2. Select "OFF" in CAC CONTROL.
3. Select the lens model number to be deleted in "CAC FILE NO" with the JOG dial button.
4. Press the JOG dial button to fix the selection.
5. Select "CAC FILE DELETE" with the JOG dial button, and press it.
6. When the following screen is displayed, move the arrow (cursor) to "YES" by turning the JOG dial button, and press it.



Deleting CAC file is completed by the above operation.

- * AJ-PX5000G / PX2300 : MAIN MENU – MAINTENANCE -> CAC ADJ -> CAC CONTROL
At [LIST / DELETE] , use the jog dial button (or <SET> button) to select the lens model number to delete. Select [YES] and press the jog dial button (or <SET> button).
- * AU-V23HS1 : MENU FILE – CAC FILE -> LIST/DELETE

In addition, please refer to the Operating Instructions.