

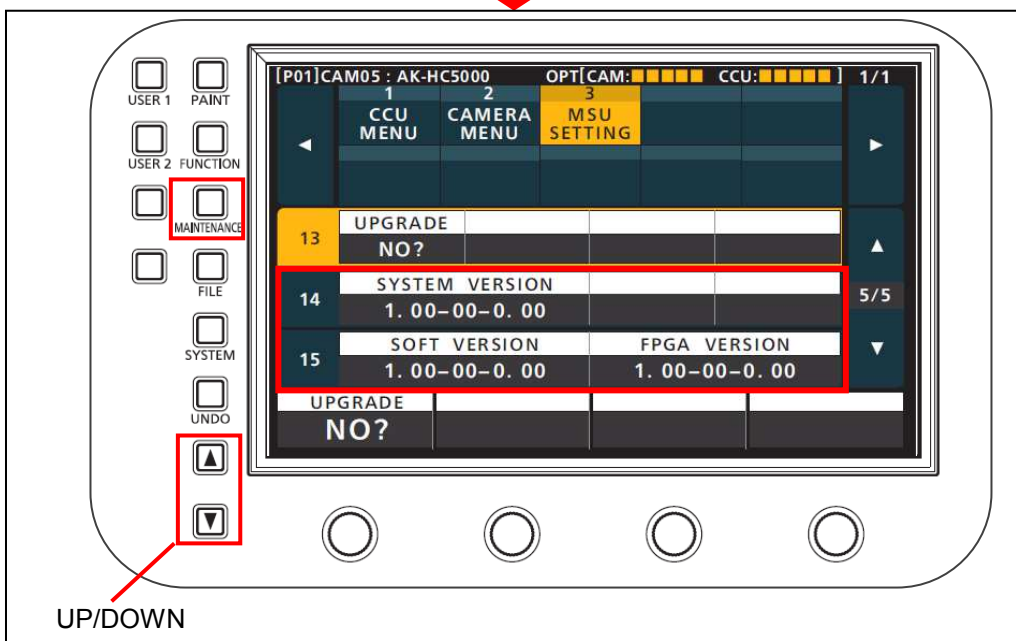
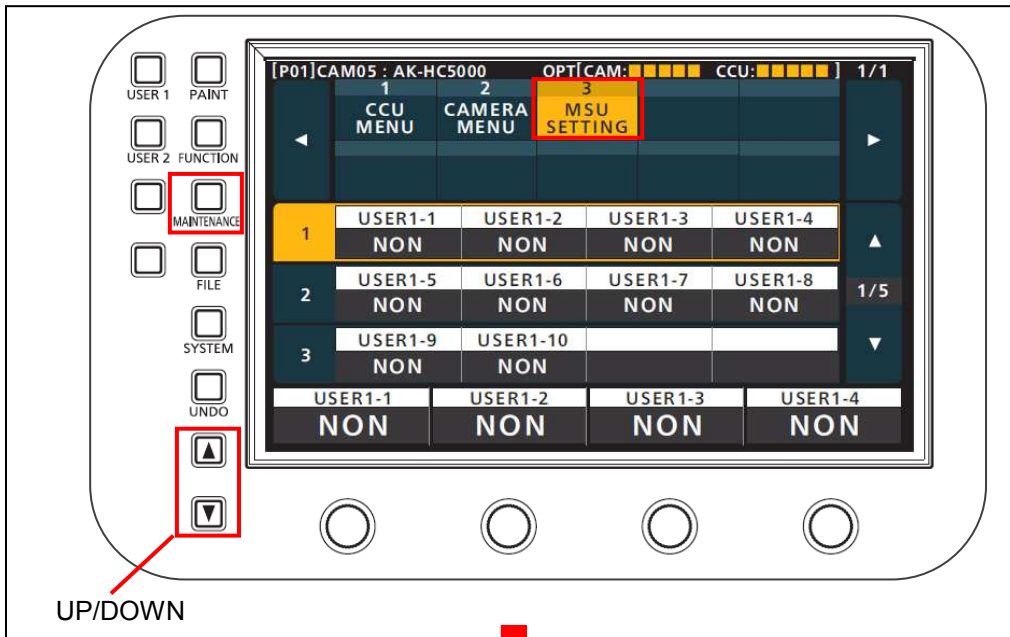
AK-MSU1000 Firmware update procedure

1. Version display method

1-1

Each software version can be confirmed at item “**SOFT VERSION**” and “**FPGA VERSION**” in MSU SETTING of Maintenance menu.

1. Supply the DC power to AK-MSU1000.
2. Press the **MAINTENANCE** button. The TOP menu screen of Maintenance menu appears.
3. Touch “**3. MSU SETTING**” on the LCD panel.
4. Select item **13-15** by pressing the cursor **UP/DOWN** button. The **SYSTEM** version can be confirmed in item **14**, and also each Software version can be confirmed in Item **15**.



1-2. Preparation

CAUTION : Before Updating Software

Do not power down or pull card while upgrading. If the program quits during loading, the data will be erased or part writing condition and the restart is not made.

< Preparation for SD memory card >

1. Buffer memory size in SD memory card more than 64MB (SD: 64MB to 2GB, SDHC: 4GB to 32GB).
2. Be sure to format SD memory card on the device.

NOTE: SD card formatted by PC standard formatter will not work.

< Copy the update file >

1. Accept the software usage agreement and download the update file data “**VSI****.zip**” for the AK-HRP1005 firmware from the following support web site.

<http://pro-av.panasonic.net/en/> Service and Support

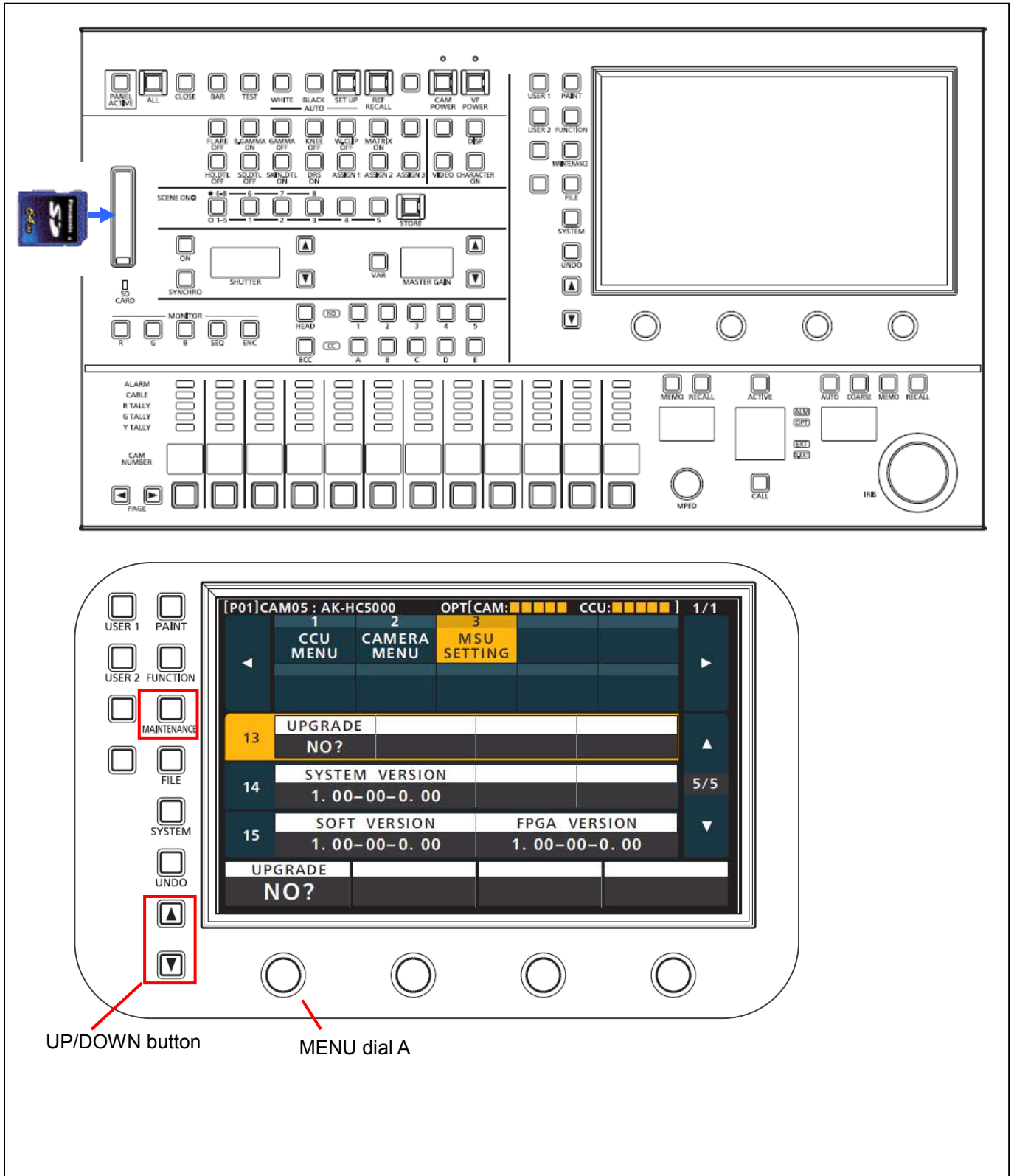
2. Copy the file “**VSI****.zip**” to hard disk of your PC and extract the file.
3. Insert the formatted SD memory card into the PC's card slot.
Then copy the extracted update folder “**PRIVATE**” to the root directory (*1) of the card.

Folder: PRIVATE\MEIGROUP\PAVCN\SBG\SYSCAM\FW\MSU1000

(*1) : Root directory = top-level directory (i.e., it is not a folder) of the file structure

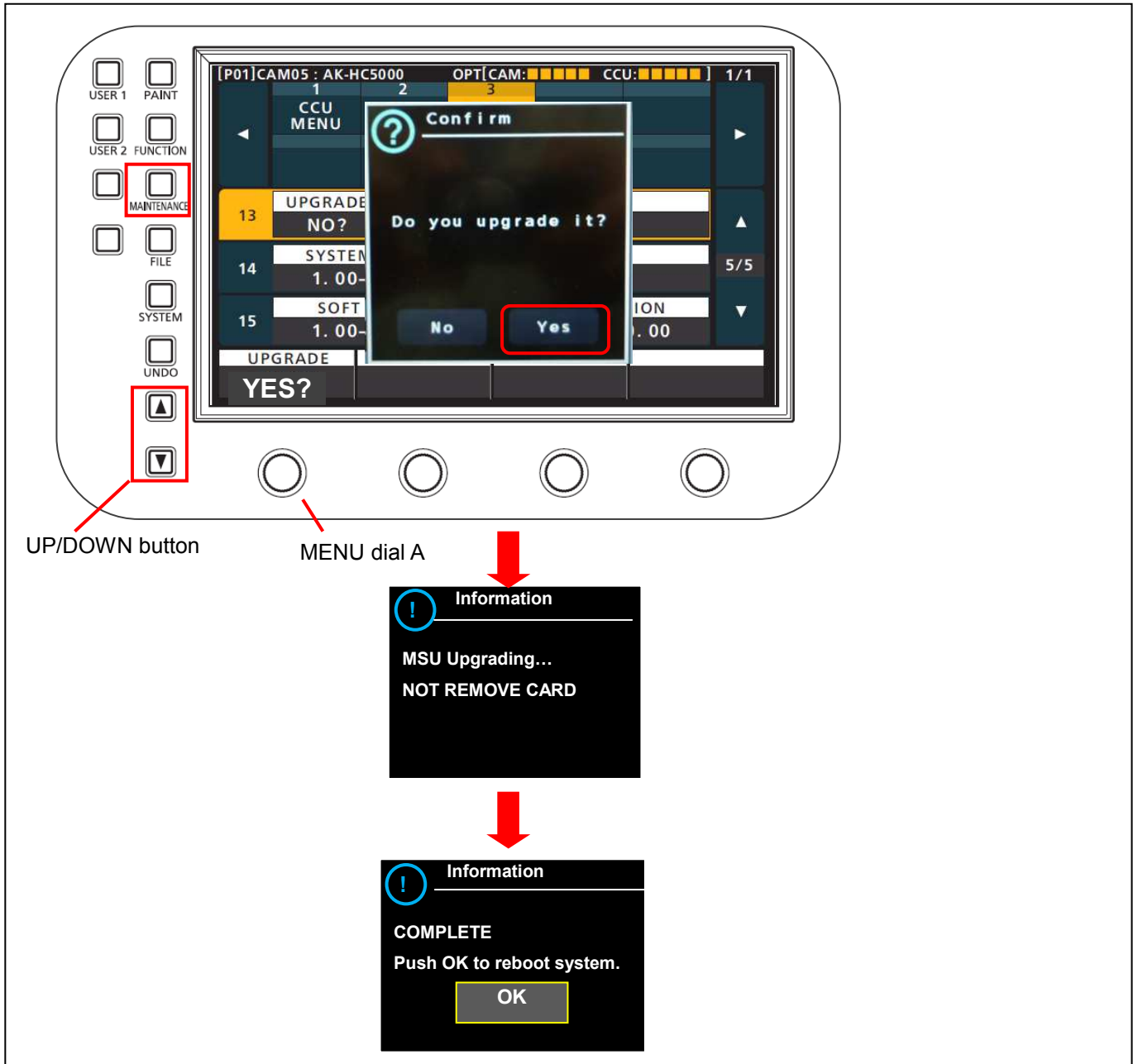
2. Update procedure

1. Insert the SD memory card into the SD memory card slot.
2. Supply the DC power to AK-MSU1000.
3. Press the **MAINTENANCE** button. The TOP menu screen of Maintenance menu appears.
4. Touch **"3. MSU SETTING"** on the LCD panel.
5. Select **"13. UPGRADE"** by pressing the cursor **UP/DOWN** button.



6. Select “YES” by turning the **MENU dial A**. The confirm dialog appears.
7. When touching “Yes” on the LCD panel, the firmware update will start.

NOTE: Touching “No”, the update will be cancel.



◆ Software update takes **approx. 25min.** Do not power down while updating.

8. When the update is completed, the message “COMPLETE” is displayed.
9. When touching “OK”, MSU will reboot automatically.

3. Confirm the version number is renewed

Follow the procedure of “Step1”, confirm the version number is renewed.
If it succeeded to update, the update file in the SD memory card is not need anymore.

If the version update fails, turn the power to ON again after inserting SD card in which the update file is saved.