

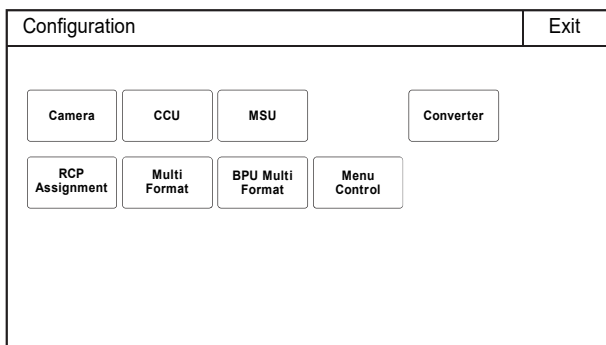
Section 5 Service Mode

Overview

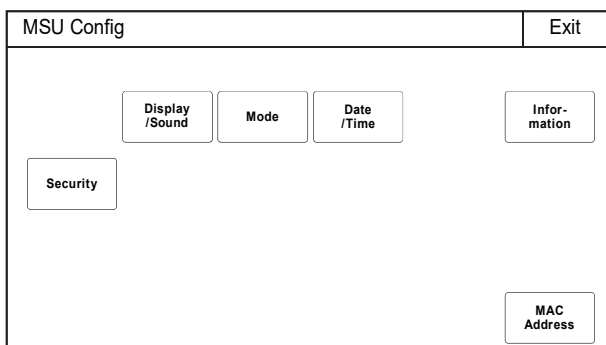
This unit has the service mode useful for maintenance and adjustment. Various settings can be checked and modified by using the service mode.

5-1. Activating the Service Mode

1. Press the CONFIG button of the unit to display the Configuration menu.



2. Tap [MSU] on the screen to display the MSU Config menu.



3. Tap [Security] to display the Security menu.

Security	Exit
<div>Engineer Mode</div> <div></div>	

4. Keep tapping the blank area under [Engineer Mode] (enclosed by dotted line on the above chart) for five seconds to display the Code No. input screen.

Security	Exit
<div>Service Mode</div> <div>Code No: <input type="text"/></div> <div>OK Cancel</div> <div><div>789</div><div>456</div><div>123</div><div>0</div></div> <div>Engineer Mode</div>	

5. Enter "05127900" in [Code No:] and tap [OK] to enter the service mode.

Security	Exit
<div>Page Permission</div> <div>Item Permission</div> <div>Engineer Protect</div> <div>MSU ALL Preset</div> <div>Engineer Mode</div> <div>Service Mode</div>	

5-2. Updating the Firmware

Note

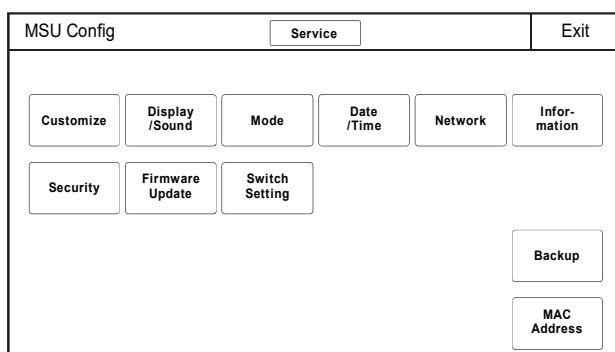
- Contact your local Sony Sales Office/Service Center to obtain the file for update.
- Do not turn off the power during firmware update.

Required Equipments/Tools

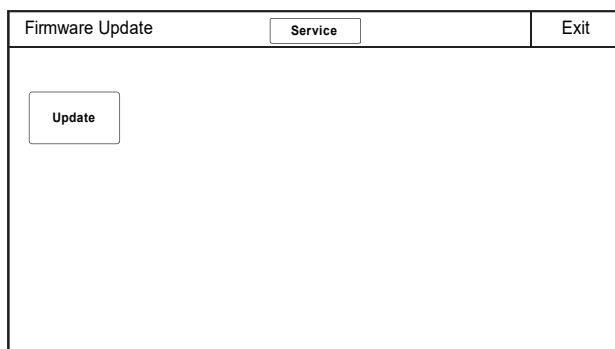
- USB memory (commercially available)
- Data file for update

Procedure

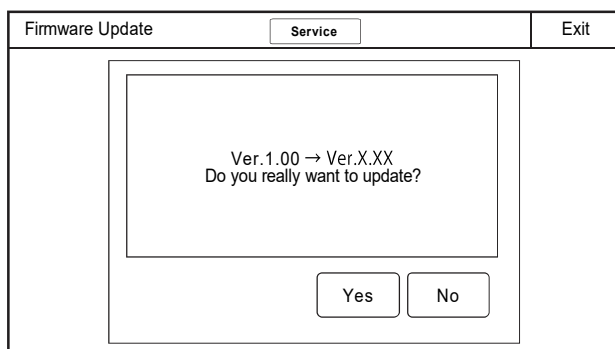
1. Create the following directory in the USB memory.
\\MSSONY\\PRO\\CAMERA\\MSU3X00
2. Copy the data file for update to this created directory.
3. Connect the USB memory with the update program written to the USB terminal on the front panel of this unit.
4. Display the MSU Config menu in the service mode. (Refer to “5-1. Activating the Service Mode”.)



5. Tap [Firmware Update] to display the Firmware Update menu.



6. Tap [Update] to display the confirmation screen.

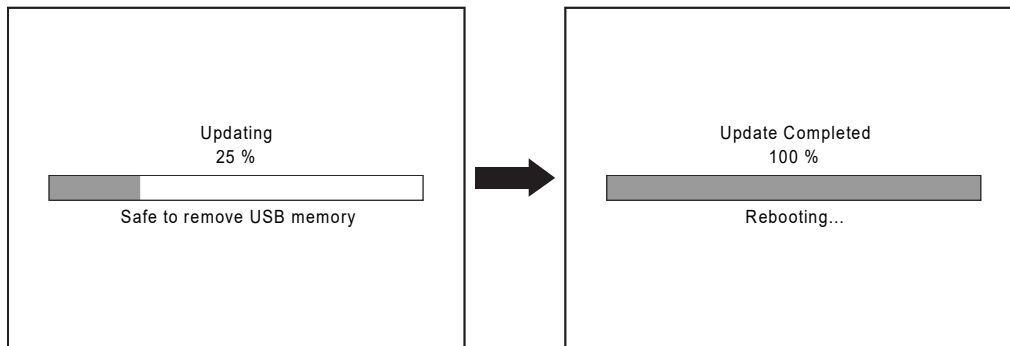


7. Tap [Yes] to perform update of the main program.

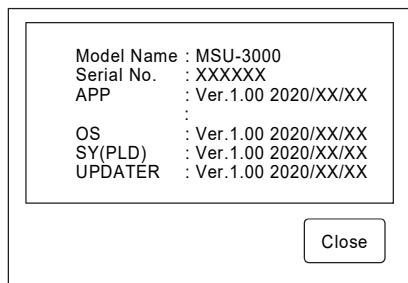
Tip

A progress bar appears while the program is being updated.

The LCD screen is turned off and on several times during the update. Do not turn off the unit and wait until the update complete screen appears. When the progress bar reaches 100 %, the unit restarts.



8. Confirm on the screen below that the update has been successfully completed.



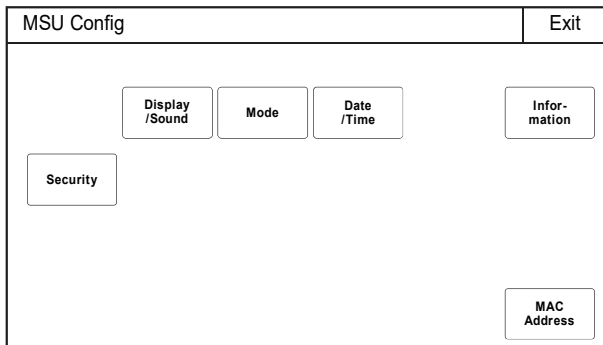
9. Tap [Close] to finish the update.

Version check after completion of update

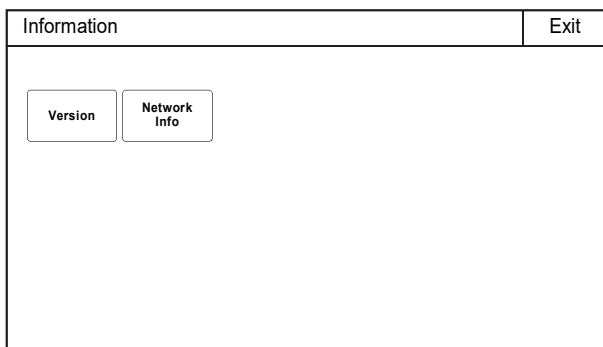
Perform the following procedure to check the program version after the update is completed.

Procedure

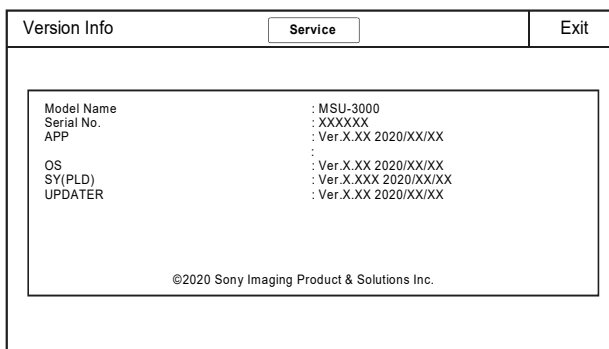
1. Tap [Engineer Mode] from the Security menu to enter the engineer mode. (Refer to step 1 to 3 of “5-1. Activating the Service Mode”.)
2. Display the MSU Config menu in the engineer mode.



3. Tap [Information] to display the Information menu.



4. Tap [Version] to display the Version Info screen.



Tip

- If entire information is not displayed in the screen, turn the left-end rotary encoder under the LCD to scroll the display.
- The PLD version is displayed in the Information menu of the service mode.

Forced update of the program

Forced update is an emergency means of update. In case this unit malfunctions due to power-off during update of the main program or other reasons, the main program can be reset by forced update.

Procedure

1. Connect the USB memory with the update program written to the USB terminal of this unit.
2. Turn on the power while pressing the PARA button, PANEL ACTIVE button, and the STORE button simultaneously.

Note

Keep pressing these three buttons until the update display appears on the LCD screen. The update starts automatically.

3. Confirm that the dialog box indicating completion of the forced update appears.
4. Tap [Close] to finish the update.

5-3. MSU PIX/WF CH Select Setting

This switch is used to set the PIX/WF channels. This configuration switch is enabled and displayed when the service mode is activated.

To set the PIX/WF channels that can be controlled by the MSU, enter the service mode and use the configuration switch in the following menu.

CONFIG (Configuration Menu) → MSU (MSU Config) → Mode → PIX/WF

Tip

Two CCU output channels are provided with the standard setting. The RCP controls channel 1 and the MSU controls channel 2.