



MSU-1000 / MSU-1500

Remote Control Panel

Software Release Notes

Version 2.91

Dec 27, 2016

CONFIDENTIAL

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DESCRIPTION

The new MAIN software V2.91 of MSU-1000/1500 is released, upgrade to this software as necessary.

NEW FUNCTIONS

1. Total Gain indication (Master White Gain + Step Gain + F-Drop Comp Gain) is added.



The screenshot shows the 'Paint' menu with a 'Gain' sub-menu. The menu includes a 'Clear' button and a 'Gain' label. Below the menu, a table displays the following values:

Total	F Drop G	Step	M White
15.3	10.2	3	2.1

2. The adjustment of F-Drop compensation can be performed from RCP.



The screenshot shows the 'Lens' menu with an 'F Drop Comp' sub-menu. The menu includes a 'Clear' button and an 'ON' button. Below the menu, a table displays the following values:

F Drop G	Max Gain	Drop Point	Roundness
10.2	23.5	50	6.5

3. The following new HDR-related function are now supported.

- HDR KNEE ON/OFF
- HDR KNEE POINT(-99 to +99)
- HDR KNEE SLOPE(-99 to +99)
- HDR Contrast indication



The screenshot shows the 'Paint' menu with an 'HDR Operation' sub-menu. The menu includes a 'Clear' button and two buttons: 'HDR Setup' and 'HDR Knee'. Below the menu, a table displays the following values:

Blk Offset	HDR Contrast	SDR Gain
-99	560	-15.0



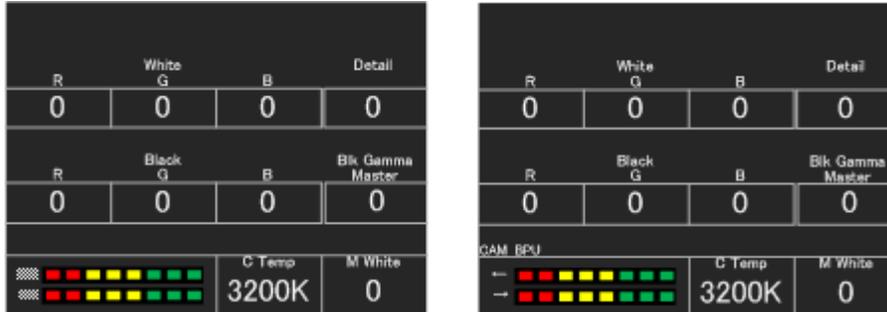
The screenshot shows the 'Paint' menu with an 'HDR Operation' sub-menu. The menu includes a 'Clear' button and two buttons: 'HDR Setup' and 'HDR Knee'. Below the menu, a table displays the following values:

Knee Point	Knee Slope
-99	-99

- The output settings (OETF, color gamut) of each slot can be performed.



- The items to be indicated by two status optical level bars are changed when using the unit in the BPU system (from between CCU and BPU to between CAM and BPU.)



- SDR Gain and HDR Black Offset are added to Knob assign in Status menu.

ERROR CORRECTIONS

Model name of Scene File is corrected from CA-4000 to CA4000.

INSTALLATION PROCEDURE

PARTS REQUIRED

- File name: MSU-1X00_V2_91.zip
 - Download from the SoftwarePLUS website.
 - Extract the above file to obtain RCP15XX.rom.
- Memory Stick Duo or a Memory Stick PRO Duo

PREPARATION

1. Create the following directory in a Memory Stick DUO or a Memory Stick PRO Duo.
 \MSSONY\PRO\CAMERA\MSU1X00
2. Copy the following file to the above directory created.
 MSU1X00.rom (V2.91 Firmware file)

CAUTION

- Do not turn off the power during firmware update.

UPDATING PROCEDURE

1. Display the RCP Config menu in service mode.
 NOTE: Refer to the section of "Firmware Update" in the Maintenance Manual for information on how to display SERVICE menu.
2. Press Firmware Update to display the Firmware Update.
3. Press Main Update to display the confirmation screen.
4. Press Start to update the main program.
 NOTE: The Loader Section and Main Section of the main block are updated. The Loader Section is updated first. The screen is cleared when the progress bar reaches 100%, and then the Main Section is updated.
5. When the update is completed successfully, the Completed message appears. Press OK to restart the unit.

CHECKING VERSION AFTER UPDATE IS COMPLETED

1. From the RCP Config menu, press Information > Version, and confirm that firmware is as follows:

MAIN **V2.91**

LOADER **V2.10**