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Sony Corporation

No. HDCM15-054-TN

Technical News

Issued : August 10, 2015

Subject: Software Release [V3.70, 3G FiberTransmission Unit, Suppoting BPU-4000]

[Applicable Model]

Model / Destination	Serial Number	Number of Unit
HDCU1000 CED	410001 -	
HDCU1000 CED	41001 -	
HDCU1000 CED	42001 -	
HDCU1000 E2	60001 -	
HDCU1000 E3	50001 -	
HDCU1000 J2	34001 -	
HDCU1000 UC5	14001 -	
HDCU1500 CED	ALL	
HDCU1500 J4	ALL	
HDCU1500 SY3	ALL	
HDCU1500 SYL	ALL	
HKCU-HB10 SY3	ALL	
HKCU-HB10 SYM	ALL	
HKCU-HB15 SY3	ALL	
HKCU-HB15 SYM	ALL	
HKCU2005 SYM	ALL	

[Description]

Updated firmware for HDCU1000 series which equips with 3G Fiber Transmission Unit (HKCU-HB10, HKCU-HB15) to connect with the BPU-4000 is released. Upgrade it as necessary.

*** Note: This firmware is NOT applicable for the unit without 3G Fiber Transmission Unit. Do not install it in the case.**

[Change Point]

<New Function>

1. Support HDC4300

- Support the indication of the product code of HDC4300.
- Support the normal operation of the Stand-by Intercom even the BPU is connected.
- Support the appropriate switching of the number of the prompter channels even the BPU is connected.

2. Support of connection with RIEDEL MediorNet

When the unit is connected with RIEDEL MediorNet, set the No.4 of the DIP switch S601 on the DTX-5 board to ON.

The phase of the camera would be advanced by considering the delay in the MediorNet.

* Set the No.4 of the DIP switch S601 to OFF when the unit is not connected with RIEDEL MediorNet.

<Error Correction>

1. Software is corrected so that the communication with the camera would not be disconnected even though the camera select is repeated more than 7,000 times.
2. Software is corrected since the communication with the camera rarely is disconnected when repeating the power ON/OFF while the unit is connected with the BPU.
3. Software is corrected since the communication with the camera rarely is disconnected when leaving the setting of the camera with unsupported video format.
4. Software is corrected so that the intercom line would not be disconnected even in the environment which the communication with the camera is frequently disconnected.

[Preparation]

<Software File>

File Name	Target to be upgraded	Version
hdcu1000.rom	Software	V3.70

* Please contact to your local Sony's service office for obtaining the software file.

<Memory Stick>

The software version upgrade is executed using a memory stick. Prepare a memory stick of the following types.

The memory stick that has already been used for other applications can also be used if it has blank capacity of 2 MB or more.

MSA-8AN	(8MB)
MSA-16AN	(16MB)
MSA-32AN	(32MB)
MSA-64AN	(64MB)

Create the following directory in a memory stick, and copy hdcu1000.rom.

Enter the directory name with upper-case letters.

Because of the display on Microsoft Windows system, be careful that only the top character is displayed in upper case, and the remaining characters are displayed in the lower case characters.

\\MSSONY\\PRO\\CAMERA\\HDCU1000 (Enter all in upper case)

[Installation Procedure]

<Software>

1. Turn off the power of HDCU1000/1500.
2. Insert the memory stick in which the version upgrade data is copied in the specified directory, into the memory stick connector of the AT-167 board.
3. Set the switch S401 (the switch located in the top) at the end of the AT-167 board to the “SD” position.
4. Set the switch S402 (the switch located in the bottom) at the end of the AT-167 board to the “ADV” position. While keeping its position with a hand, turn on the power of the HDCU1000/1500.
5. When the Memory Stick Access LED has changed from the red to green light, release your hand from switch S402.
6. After the green LED of the MAIN-POWER of the HDCU1000/1500 keeps blinking for about 15 seconds, it turns on.
7. Return the switch S401 position from “SD” position to the original position.
8. Turn off the power once and turn it back on. The system will boot up with the new software.

[Confirmation/Adjustment]

<Software Version>

- Check the ROM version at the CHARACTER output or the MONITOR output.
(On this page, the names of the ROMs are displayed on the screen regardless of the model names. Therefore, the ROM name “HDCU1000” is displayed on the screen for HDCU1500.)

ROM Version		
CHU		
CCU	HDCU1000	
	3. 70	15. 07. 15

<PLD Versions >

Check the PLD version name at the CHARACTER output or the MONITOR output.

Firmware		V3.70 (Change target)
PLD	AVP-6	V3.10
	AVP-6A	V3.10
	DTX-5	V3.00
	DRX-5	V3.07/3.09
	DRX-5A	V4.07/4.09
	DRX-8	V1.08/1.13
	SDP-16	V1.11