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Sony Corporation

No. HDCM15-078-TN

## Technical News

Issued : November 17, 2015

**Subject: Software Release [HDCU1000 series, V2.21]**

[Applicable Model ]

Model / Destination	Serial Number	Number of Unit
HDCU1000 CED	ALL	
HDCU1000 E2	ALL	
HDCU1000 E3	ALL	
HDCU1000 J2	ALL	
HDCU1000 UC5	ALL	
HDCU1080 CNB	ALL	
HDCU1500 CED	ALL	
HDCU1500 J4	ALL	
HDCU1500 SY3	ALL	
HDCU1500 SYL	ALL	
HKCU1005 SYM	ALL	

**[Description]**

The V2.21 for the HDCU1000 series is released.

This version is the correction of the error that the upgrading to the V2.20 is not executed.

It is not necessary to apply it to the unit which the V2.20 is correctly installed. Upgrade it as necessary.

**[Change Point]**

Since the V2.20 does not support the boot loader of the AT board up to the suffix-13, it cannot be installed to the units with those boards. This error is corrected by V2.21.

Only the data structure of the firmware is changed, but the function is not changed.

As for the changes from V2.11, refer to HDCM15-053.

**[Preparation]**

[Software Files]

Version update of the software is required.

File name	Update target	Version
hdcu1000.rom	Software	V2.21

\* 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]**

<Confirming the 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 for HDCU1500 also.

*ROM Version*		
CHU		
CCU	HDCU1000	
2.21	15.11.06	

<Confirming the PLD version>

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

Versions in this Technical News

Firmware		V2.21 (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
	SDP-12	V1.06