

[Internal Use Only]

Sony Corporation

No. HDCM10-014R-TN

Technical News

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Subject: Software Release Info. (3G FIBER TRANSMISSION V3.00)

Applicable Model(s) (Destination)	Serial Number(s)	Number of Unit(s)
HDCU1000//ULCED	410001 -	
HDCU1000/L1 CED	41001 -	
HDCU1000/L2 CED	42001 -	
HDCU1000/L2 J2	34001 -	
HDCU1000/L3 J2	ALL	
HDCU1000/L3 UC5	14001 -	
HDCU1000/L4 J2	ALL	
HDCU1000/L4 UC5	ALL	
HDCU1000/L5 UC5	ALL	
HDCU1000/T E2	60001 -	
HDCU1000/T E3	50001 -	
HDCU1000/T3 J2	34004 -	
HDCU1000/T4 J2	ALL	
HDCU1000/T5 J2	ALL	
HDCU1500	ALL	

[Description]

When installing the 3G FIBER TRANSMISSION unit (HKCU-HB10, HKCU-HB15) on the HDCU1000 series, upgrade the software and PLD. In lower versions than the versions mentioned below, the 3G FIBER TRANSMISSION unit does not correctly work. Therefore, be sure to upgrade the unit when installing.

(Note)

In case that the 3G FIBER TRANSMISSION unit is not installed, the unit is exempted from upgrading. DO NOT upgrade the unit.

Version upgrade by implementing this Technical News

Firmware		V3.00
PLD	AT-167	V3.00
	AVP-6A	V3.00
	DTX-5	V3.00
	DRX-5	V3.00/3.00
	DRX-5A	V4.00/4.00

- * Although the AVP-6A needs the version upgrade of PLD to install the AUX REMOTE function, due to the limitation of the hardware, the AVP-6 is exempted from upgrading.

Version Upgrade of Software**[Preparation]**

1. Memory Stick

For version upgrade, use a memory stick. Prepare any of memory sticks below.

Even if a memory stick is a used one, if the open capacity is more than 2MB, it can be used.

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

2. Data for version upgrade

- (1) Obtain the V3.00 file for AT-167. Please contact to your local Sony's service office in order to obtain.
- (2) Following file is present in the folder.
 - (A) hdcu1000.rom (ROM data, binary file)
- (3) Create a directory in the memory stick and copy the file (A) to the directory.
 - Type all of letters of the directory name in uppercase.
 - Beware that even if all of letters are typed in uppercase, only the top letter is shown in uppercase and the rest of letters are displayed in lowercase on the Windows display.
 - ¥MSSONY¥PRO¥CAMERA¥HDCU1000 (Type all of the characters in uppercase letter.)

[Installation]

1. Turn off the power of HDCU1000/HDCU1500.
2. Insert the memory stick containing the version upgrade data, which is copied to the above directory, in the memory stick connector on the AT-167 board.
3. Set the switch S401 (located at the upper side) on the end of AT-167 board to "SD".
4. While turning the switch S402 (located at the lower side) to "ADV", turn on the power.
5. When lighting of the memory stick access LED changes from red to green, release S402.

6. After the green LED of MAIN-POWVER of the HDCU1000/HDCU1500 blinks for 15 seconds, it lights.
7. Return the switch S401 from “SD” side to the original position.
8. When turning on the power of the unit again, the new software starts up.

[Confirmation/ Adjustment after work]

Confirm the ROM version in the CHARACTER output or MONITOR output.

(In this page, the ROM name is displayed. Therefore, even if the unit is HDCU1000 or HDCU1500, ”HDCU1000” is displayed for ROM name.)

ROM Version		
CHU		
CCU	HDCU1000	
	3.00	10.03.18

Version Upgrade of PLD

[Preparation]

1. PLD Download Tool
2. Software files for upgrading

AT-167	E-000-001-93-21	V3.00
AVP-6A	E-000-004-42-04	V3.00
DTX-5	E-000-001-95-22	V3.00
DRX-5	E-000-001-96-34	V3.00/3.00
DRX-5A	E-000-004-34-10	V4.00/4.00

* AVP-6 is exempted from version upgrade.

* Please contact to your local Sony’s service office in order to obtain PLD Download Tool and software files.

[Procedure]

Using the above file with the PLD Download Tool, write the data in PLD on each board.

[Confirmation after work]

Confirm the version of each PLD in the CHARACTER output or MONITOR output.

Additional Note [Rev.1](#)

- HKCU-HB10/L SYM 10001 ~ 10027
- HKCU-HB15/L SYM 10001 ~ 10007
- HKCU-HB15/T SY3 20001

In order to install 3G FIBER TRANSMISSION UNIT with serial numbers above, it is mandatory to upgrade PLD version on SDP-16 board to V1.01. Refer to HDCM10-028 for upgrading.