Sony Corporation   No.   HDCM15-032-TN

Technical News

Issued：May 20, 2015

Subject: Software Release [AT software :V2.22]

[Applicable Model]

Model / Destination	Serial Number	Number of Unit
HDCU1700 CED		
HDCU1700 SY3		
HDCU1700 SYL		
HDCU2000 CED		
HDCU2000 E2		
HDCU2000 E3		
HDCU2000 J2		
HDCU2000 UC5		
HDCU2080 CNB		
HDCU2500 CED		
HDCU2500 SY3		
HDCU2500 SYL		
HKCU2007 SY		

[Description]

V2.22 is released for adding functions to HDCU2000/2500/2080/1700. Perform the version upgrade as necessary.

[Change Point]

<New function>
1. Support HDC4300
    - Support the model code indication of HDC4300
    - Support that the Stand-by Intercom would function properly even though the BPU lies between the camera and the CCU.
    - The number of the prompter channels are properly switched even though the BPU lies between the camera and the CCU.

<Error correction>
1. Correct the indication of the connection type on status screen with the single mode fiber connection
    Correct the indication of the connection type on status screen from "Coaxial" to "Connect".
2. Correct that the indicated position of the spirit level must be the same for all formats.
3. Correct to ignore the metadata on HD TRUNK signal when the superimposing of the metadata is set to OFF.
    Although the superimposing of the metadata is set to OFF, and the irregular metadata is superimposed on the HD TRUNK signal, it is embedded to the camera signal. Correct to ignore the metadata on HD TRUNK signal in the case.

[Preparation]

[Software Files]
Version update of the software is required.

File name	Update target	Version
hdcu2000.rom	Software	V2.22

 * 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 hdcu2000.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\HDCU2000 (Enter all in upper case)

[Installation Procedure]

  < Software >
1.   Turn off the power of HDCU2000/2500/2080/1700.
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 their respective positions with hands, turn on the power of the HDCU2000/2500/2080/1700.
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 HDCU2000/2500/2080/1700 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 "HDCU2000" is displayed for HDCU2500 also.

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| *ROM Version*          |
| CHU                    |
| CCU   HDCU2000         |
|    2.22   15.04.24     |
|                        |
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  <Confirming the PLD version>
  Check the PLD version name at the CHARACTER output or the MONITOR output.

    Versions in this Technical News
       Firmware   V2.22 (Change target)
       PLD   AT-167 V4.12
             AVP-15 V1.11
             SDP-17 V2.10
             DTX-9 V2.01
             DRX-9 V2.10
             RC-105 V2.10