Sony Corporation   No.   HDCM14-015R-TN

Technical News

Issued：March 5, 2014
Revised：March 5, 2014

Subject: Software Release (AT soft : V2.03)

[Applicable Model]

Model / Destination	Serial Number	Number of Unit
HDC1700 CED		
HDC1700 E33		
HDC1700 JN4		
HDC1700 SYL		
HDC2000 CED		
HDC2000 J4		
HDC2000 JN3		
HDC2100 J4		
HDC2400 CED		
HDC2400 E33		
HDC2400 JN4		
HDC2400 SYL		
HDC2500 CED		
HDC2500 E33		
HDC2500 JN4		
HDC2500 SYL		
HDC2550 CED		
HDC2550 UC7		
HDC2570 CED		
HDC2570 UC7		
HDC2580 CNB		
HDC2600 J4		
HKC-FB20 SYL		
HKC-TR20 SYM		
HKC-TR27 SYM		
HKC-WL20 SYM		

[Description]

V2.03 is released in order to support added functions.
Perform the version upgrade as necessary.

[Change Point]

<New function>

1. Support for fixed-term eCSite products
   New products such as HZC-PRV20M/PRV20W can be used.
2. Support for the 3G transmission of HDC1700
   The 1080/59.94P,50P formats are supported via eCSite.
3. SCENE FILE DISSOLVE function
   A mode where the Paint setting of the file changes in a certain period of time is added.
4. Addition of the ATW function
5. Adaptive Matrix Level adjustment function
   Not only ON/OFF but also Level can be adjusted.
6. 3-second display function
   A mode where only the items that were changed are displayed for 3 seconds is added.
7. INCOM1/2 MIX function
   A mode where communication between INCOM1 and INCOM2 is possible is added.
8. The pin function in the RET CTRL connector is made assignable
9. Addition of the tally guard function
   The guard function is added so that the extender of the lens or the filter disc does not move at the time of tally input.
10. Interlocking the camera number with the CCU
    A mode where the camera number is interlocked with the CCU number is added.
11. Support for HDTX200
    Connection with HDTX200 is enabled

<Corrected function>

1. Correction of the PinP function
   Not only the RETURN signal, but also the HD PROMPTER signal can be used as a source signal.
      Functions such as parent-child switching, size addition, and translucent have been added.
2. Correction of the assignable SW function
   Options such as the RET SW Toggle function and the Cursor All Off function have been added.
3. Improvement of the Network Trunk function
   Network and HD Trunk can be used at the same time.
4. Correction of the horizontal level display
   The adjustment function for the display bar and position is added.
5. Improvement of the contents of Power Consumption page
   The contents have been reviewed.
6. HOURS METER is added to DIAGNOSIS
7. The <OFDM MONITOR> page is added to SERVICE MENU
8. The initial value of TEST OUT (OUTPUT) is changed to VBS.
9. The description of HDCM12-019R that supports T-adaptor is included.
   TG-PLD supporting 60P is standardized.

<Error correction>

1. Correction of the INCOM1 setting
   The side tone was set not to be heard from the RIGHT side, so this has been corrected.
2. Correction of the VF Detail setting during the 720P mode
   The valid area of VF Detail was incorrect, so it has been corrected.

3. Improvement of the serial lens communication
   There were rare cases where the iris display was not updated. This problem has been corrected.
4. Improvement of a rare symptom where no return image is displayed at low-temperature startup
   (HDC2570 and HCK-TR27 only)
   Add the reset function of the device in the circuit of Digital Triax.
5. Correction of the PLD version display
   The check had been performed only once at startup, but it is now performed once per second to
   ensure correct display.
6. Improvement of the Black Set adjustment
   Review the clamp phase to improve the convergence of the Black Set adjustment.

[Preparation]

<Software file>

File name:
    hdc2000_app.pkg - Software file
    hdc2000_tg.pkg   - PLD data for the TG-276[IT-ALL] board
    hdc1700_tg.pkg   - PLD data for the TG-276[L-IT] board (For HDC1700)
    hdc2000_dpr1.pkg - PLD data for the DRP-338 board
    hdc2000_sdi.pkg   - PLD data for the SDI-109 board (For
    HDC2400/HDC2500/HDC2570/HDC2580/HDC2600/HDC2000/HDC2100/HDC1700/HKC-F
    B20)
    hdc2000_if.pkg   - PLD data for the IF-1203 board (For HKC-WL20)
    hdc2000_cd.pkg   - PLD data for CD-73 board (For HDC2570, HKC-TR27)
  * Please contact to your local Sony's service office for obtaining the software files.

<Other>

USB memory   1 piece

[Installation Procedure]

For the work procedure, refer to the MAINTENANCE MANUAL.

[Confirmation/Adjustment]

1. Check the version of each item in the camera menu DIAGNOSIS – <ROM VERSION>(D3) page.

        CAMERA APP V2.03 (Change target)
        TG   V2.00 L-IT (Change target)   * HDC1700
        TG   V1.00 FIT   * HDC2600/2100
        TG   V2.00 IT (Change target)   * HDC2500, etc.
        SY   V1.32
        DPR1   V2.00 (Change target)
        DPR2   V1.20
        SDI   V2.00 (Change target)
        TR   V1.00
        IF   V2.00 (Change target)
        CD   V1.01 (Change target)

2. Perform the following settings for BLACK SET adjustment.
   Open the page S07 <BLACK SHADING> in SERVICE menu.
   Set all of BLK SET[R][G][B] to "05", and execute STORE FILE.
   Perform Auto Black Balance adjustment.
   Perform above procedure for necessary formats.

・HDC2500/2000: 1080/59.94i, 1080/50i, 1080/29.97i, 1080/25i, 1080/23.98i
・HDC2570/2550/2400/1700: 1080/59.94i, 1080/50i
  (* When the HZC-PSF20 is installed, the formats are equivalent to HDC2500. However, in case of HDC2570, "1080/23.98i" is not supported.)
・HDC2580: 1080/50i

3. Perform initial setup for the following new functions.
   OPERATION <EXT SWITCH> page
       RET1   Pin5 : RETURN1 SW
       RET2   Pin6 : RETURN2 SW
       RET3   Pin4 : RETURN3 SW
       INCOM1 Pin1 : INCOM1 or ENG
       INCOM2 Pin2 : INCOM2 or PROD