DATE: **January 4, 2016**

SUBJECT: **SOFTWARE UPGRADE—VERSION 3.00**

MODEL:
PDW-F1600
PDW-F1600
PDW-F1600//C
PDW-F1600//C
PDW-HD1200
PDW-HD1200
PDW-HD1200=C
PDW-HD1200=C
PDW-HD1500
PDW-HD1500
PDW-HD1500=C
PDW-HD1500=C

SERIAL NO:

PDW-F1600	*50,001–51,589*
PDW-F1600	10,001–15,561
PDW-F1600//C	*70,001–76,759*
PDW-F1600//C	60,001–60,286
PDW-HD1200	*50,001–50,070*
PDW-HD1200	10,001–10,135
PDW-HD1200=C	*70,001–71,212*
PDW-HD1200=C	60,001–61,016
PDW-HD1500	*50,001–53,537*
PDW-HD1500	10,001–22,357
PDW-HD1500=C	*70,001–70,152*
PDW-HD1500=C	60,001–60,255

Italicized information in green applies to customers outside the United States.

PDWM15-051R

DESCRIPTION

Software version 3.00 is available.
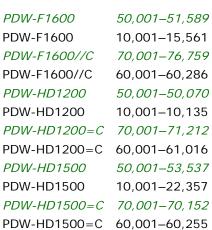
NOTE:

- This upgrade applies to units with package V2.04 or earlier.
- If you are currently using software V1.13 or earlier, upgrade to V1.20 before you upgrade to V3.00. Refer to technical bulletin 20-2009-032.
- DO NOT downgrade from V3.00; otherwise the recorder will not start.
- When using an FTP connection with Xpri equipment, the LIST command for the file on the top folder will not function.

  When using an FTP or CIFS connection with equipment other than Xpri, the recorder may not function, depending on how the LIST command is used.

  In either case above, use a software version earlier than V3.00 until the error is corrected in a future software update.

SOFTWARE REQUIRED

Part No.	Description	Qty.
PDWF16A30	PDW-F1600 Software V3.00	1
PDWHD1230	PDW-HD1200 Software V3.00	1
PDWHD1530	PDW-HD1500 Software V3.00	1

ORDERING INFORMATION

To order upgrades, contact:

Sony SoftwarePLUS®
(800) 538-7550
www.sony.com/softwareplus

Customers outside the United States: *Please order parts or upgrades from your usual supplier.*

NOTE: The software is available by download from the SoftwarePLUS website above.

NEW FEATURES

- The following items related to Simple DirectMedia Layer (SDL) are supported or improved:
  - FTPS is supported.
  - HTTP authentication method is changed from Basic to Digest.
  - HTTP vulnerability is improved (measure for CSRF or XSS attack by referer).
  - M5E is added to Maintenance menu for selecting security level.
  - openssl library is changed from 0.9.8j to 0.9.8ze.
  - Password protection is enhanced when changing account information from the Web.
- Second-field editing is supported (PDW-F1600). Menu 304 is added to enable a field to be selected for start/end editing.
- The AUTO option is added to the P5 function menu > item F6 > TCR.
- PDW-HD1550 is added to the connection list for direct FTP.
- The GPS log file can be deleted or renamed according to the deletion or renaming of the clip.
- A2D is added to the Maintenance menu > Adjust item to select the LED equipped to support the backlight LED of the LCD.

PROGRAM IMPROVEMENTS

- Discs that can be replayed with XDS series models no longer fail to be replayed with PDW-HD1200/HD1500/F1600 on rare occasions.
- The Exchg.batt! alarm no longer appears immediately after power-ON.
- When a triple- or quadruple-layered disc is auto-ejected, the STOP lamp no longer blinks.
- When video insert editing is executed, TC can now be output properly to HD-SDI (PDW-F1600).

UPGRADE PROCEDURE

NOTE:

- When upgrading from V1.13, software must be upgraded to V1.20 or higher first before upgrading to V3.00.
- The software file to be installed differs, depending on the HPR board installed: HPR-23/45 or HPR-47.

  To confirm the HPR board installed, go to Maintenance menu M30 or Status > Software Version on the XDCAM website.

      HPR-47 board
        HPR: 4.7x
      HPR-23/45 board
        HPR: 2.3x (or no version indicated)

  HPR is not displayed when software is V1.92 or earlier.

System Requirements

- When HPR-23/45 is installed, use the following V3.00 package software:

PDW-F1600	Garland-pdw-f1600-3.000.pkg
PDW-HD1200	Garland-pdw-hd1200-3.000.pkg
PDW-HD1500	Garland-pdw-hd1500-3.000.pkg

- When HPR-47 is installed, use the following V3.00 package software:

PDW-F1600	Garland-pdw-f1600-s2-3.000.pkg
PDW-HD1200	Garland-pdw-hd1200-s2-3.000.pkg
PDW-HD1500	Garland-pdw-hd1500-s2-3.000.pkg

- When upgrading via USB memory:

  USB memory

- When upgrading via the XDCAM website:

  PC
  Network cable

Upgrade Software

1. Back up menu settings.

   Refer to the appropriate section in the maintenance manual, volume 1:

   - USB memory: Section 4-6-3, "ROM to USB (M3E1)"
   - XDCAM website: Section 3-4-4, "Setup Menu"

2. Upgrade package software to V3.00.

   Refer to the appropriate section in the maintenance manual, volume 1:

   - USB memory: Section 1-10, "Firmware Update"
   - XDCAM website: Section 3-4-5, "Software Update"

3. Execute Maintenance menu RESET ALL SETUP.

4. Restore backup menu settings.

   Refer to the appropriate section in the maintenance manual, volume 1:

   - USB memory: Section 4-6-2, "USB to ROM (M3E0)"
   - XDCAM website: Section 3-4-4, "Setup Menu"

CONFIRMATION

Confirm that software is as follows:

PDW-F1600, PDW-HD1500

PCKG:	3.00	LUNA:	1.10
SY1:	3.00	LVIS:	3.71
SY2K:	1.98	PHOT:	1.17
SY2U:	3.01	PIER:	1.24 (HPR-23/45)
KY:	1.517 (HPR-23/45)	PIER:	1.30 (HPR-47)
KY:	1.600 (HPR-47)	TSYS:	4.308
DRV:	2.68	TMBP:	4.307
TS:	1.56[1]	VAX:	1.40 (HPR-23/45)
DSP0:	1.01[2]	VAX:	1.42 (HPR-47)
DSP0:	1.00[3]	TSIC:	1.12[1]
DSP1:	1.00	MENU:	1.52
DSP2:	1.10	FTBL:	1.50 (HPR-23/45)
PRXA:	1.027	FTBL:	1.00 (HPR-47)
FAM:	1.04	HPR:	2.3x (HPR-23/45)
HDRX:	3.06	HPR:	4.7x (HPR-47)
KYIC:	1.00		

NOTE:

[1] TS and TSIC versions are not displayed when PDBK-201 is not installed.

[2] DSP0 V1.01: M393 AUDIO DSP is set to linear edit when using:
  • PDW-F1600 and PDW-HD1500 with PDBK-L1500 installed.

[3] DSP0 V1.00: M393 AUDIO DSP is set to AGC/limiter when using:
  • PDW-HD1500 with PDBK-L1500 NOT installed.
  • PDW-F1600 and PDW-HD1500 with PDBK-L1500 installed.

PDW-HD1200

PCKG:	3.00	LVIS:	3.50
SY1:	3.00	PHOT:	1.00
SY2K:	1.60	PIER:	1.24 (HPR-45)
SY2U:	3.01	PIER:	1.30 (HPR-47)
KY:	1.60	TSYS:	4.308
DRV:	2.69	TMBP:	4.307
DSP0:	1.00	VAX:	1.00 (HPR-45)
DSP1:	1.00	VAX:	1.02 (HPR-47)
DSP2:	1.10	MENU:	1.52
PRXA:	1.027	FTBL:	1.00
FAM:	1.04	HPR:	2.3x (HPR-45)
ROVO	1.00	HPR:	4.7x (HPR-47)
KYIC:	1.00		

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