

Important Notice

CAUTION: The upgrade procedure described in this document can only be used to upgrade a unit with Package V1.2 or higher. If an earlier version is installed, contact your local Sony Service Centre.

To determine the current version, refer to the Operation Manual included with this software.

For information on the new features of V1.5, refer to the PDF document 'XDCAM HD 422 Ver 1.5 Overview' included with this software.

Please note, older XDCAM products and PDW-700s running v1.2 or lower will not be able to read the new addition Metadata fields added in this software.

Please remember to update your software, PDZ-1, XDCAM Transfer Tool and PDZ-VX10. By updating your software you will be able to use full functionality of Mixed Format Discs and reading/writing of the 23.98P option. These are available from the download section of <http://www.sonybiz.net/xdcam>.

PDW-U1 users are advised to update their software to VFAM v2.2 (PDW-U1 Utility). This allows reading and writing of any data files of any size to the Professional Disc Userdata folder (subject to available capacity), reading/writing of Mixed Format Professional Discs and 23.98P content. This is available from the download section of <http://www.sonybiz.net/xdcam>.

The installation procedure which follows has been extracted from the Service Manual.

1-11-2. Firmware Update Using the USB Memory

When the firmware update is performed, all types of firmware are updated.

The USB memory*1 in which the new version of the firmware package file is saved is required for update.

For the firmware package file, please contact your local Sony Sales Office/Service Center.

Notes

- *1: A general USB memory used for PCs can be used. But when the USB memory is connected to the USB connector, if the screen shows “Unknown USB”, or the message screen shows “NO USB MEMORY” during the update, the connected USB memory may have a problem or it may be misrecognized as an unsupported device. In such a case, connect another USB memory and try again.
- It takes about 20 minutes to complete the update.
- When the USB memory*1 is removed during the update, the USB memory*1 may be damaged. Make sure not to remove the USB memory*1 during the update.
- Do not turn off the power during the update.
- When a disc is inserted, eject it.
- Set the VDR SW in the inside panel to “STBY”.
- If the update fails while the LABY update is in progress, picture and character may not be displayed in some cases. In such case, repeat update by following the procedure described below.
 1. If a memory stick is inserted, remove it and insert a USB memory*1 that contains the package file (extension .pkg) in its root directory.
 2. While pressing the REC START button and the MENU knob at the same time, turn ON the power.
 3. Wait approximately 30 seconds after power-on. Then, the tally changes from the flashing at 4 Hz to the flashing at 1 Hz. (Flashing indicates that update is in progress.)
It takes approximately 20 minutes until the update is complete.
 4. The tally changes from flashing to lighting. (It indicates that update is complete.)
 5. Turn OFF the power and reboot the Camcorder. It boots up with new version.

1. Copy the firmware package file (extension: pkg) to the USB memory*1 of the root and plug it into the USB connector of the unit.
2. Move the arrow to the DIAGNOSIS category page named “ROM VERSION 1”, and press and hold the rotary encoder. “SEARCHING PACKAGE FILE” blinks about 10 seconds.

```

->D03●ROM VERSION 1 TOP
  SEARCHING PACKAGE FILE
  PACKAGE: 1.00

SY1   : 1.00
SY2K  : 1.00
SY2U  : 1.00
DRV   : 1.00

AT    : 1.00
FP    : 1.00
  
```

3. When the firmware package file exists in the root, the following display appears.

```

D03●ROM VERSION 1 TOP
->PACKAGE: 1.00 → 1.10

SY1   : 1.00
SY2K  : 1.00
SY2U  : 1.00
DRV   : 1.00

AT    : 1.00
FP    : 1.00
  
```

4. Press the rotary encoder while the arrow is pointing at “PACKAGE”.
5. The YES/NO confirmation menu appears.

```

PACKAGE UPDATE
VERSION UP OK? YES → NO

CURRENT VERSION 1.00 → NEW VERSION 1.10

UPDATING : ----
Total time : --:--
  
```

6. When YES is selected, the firmware update starts. During the firmware update, the tally blinks at 1 Hz. “UPDATING” indicates the firmware being updated, and “Total time” indicates the elapsed time.

```

PACKAGE UPDATE

CURRENT VERSION 1.00 → NEW VERSION 1.10

UPDATING : SY1
Total time : 00:00
  
```

7. When the update is completed normally, the following message that prompts you to turn on/off the power appears. Tally changes from blinking to light on.

```
PACKAGE UPDATE
Valid after power off.

CURRENT      NEW
VERSION      VERSION
1.00         →   1.10

COMPLETED.
Total time : 20:00
```

8. When the power is turned off and the unit is restarted, the firmware version is updated.

Note

If the firmware could not be updated to new version or if an error is displayed upon completion of version update, it indicates that the firmware version update has failed. Repeat the version update by following step 2 through step 8 again.