



VTR

Broadcast Products Technical Bulletin 20-2010-094R

DATE: January 30, 2012

SUBJECT: SOFTWARE UPGRADE—SY VERSION 6.70 AND
SV VERSION 1.15

MODEL: DVW-2000
DVW-2000/1
DVW-2000/10
DVW-2000P
DVW-2000P/1
DVW-2000P/10
DVW-2000P/2
DVW-M2000
DVW-M2000/1
DVW-M2000/10
DVW-M2000P
DVW-M2000P/1
DVW-M2000P/10
DVW-M2000P/2

SERIAL NO: ALL

DESCRIPTION

The following software is available:

SY version 6.70

SV version 1.15

SOFTWARE REQUIRED

Part No.	Description	Qty.
FDVW2K03	SY Software V6.70 SV Software V1.15	1

ORDERING INFORMATION

To order upgrades, contact:

Sony SoftwarePLUS®

(800) 538-7550

www.sony.com/softwareplus

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

PROGRAM IMPROVEMENTS

SY V6.70

- When executing M49:RESET ALL SETUP with HKDV-900 connected, all settings now return to factory defaults. Previously, some settings (such as CURRENT and BANK4) did not return to factory defaults.
- When using HKDV-900 the following errors are corrected:
 - Y/Pb/Pr signals are not saved using HD-Master supplied from HKDV-900.
 - The Y LED display on HKDV is not appropriate after POWER OFF/ON in HD mode.
 - When STORE/LOAD is performed in HD mode, the SETUP value shifts.
 - When STORE/LOAD is performed in D2 mode, HUE shifts.
- TCG now runs in REC RUN mode under the following conditions:
 - 605: TCG REGEN is set to UB
 - TCG operating status is INTERNAL, PRESET, or REC RUN.

DVWM10-005-US, DVWM10-003

- The EE ON/OFF command is no longer issued when the unit is used as a PLAYER during two-unit editing.
- The attribute setting for the MEMSTICK.IND file that is created when formatting a memory stick is now set correctly.
- STOP now operates properly from the REMOTE during PREVIEW.
- Video no longer loses synchronization due to failure of SDRAM initialization in VSP.
- Hue no longer shifts when the HUE (CHROMA PHASE) value detected with 9-pin protocol is preset.
- The following errors related to SETUP (BLACK) level of 9-pin protocol are corrected:
 - When the SETUP (BLACK) level for HD output is detected, a completely unrelated value is returned.
 - When controlling the SETUP (BLACK) level for HD output, the level is inverted from darker to brighter when a specific value (-14) or any lower value is specified.
 - The range of the return value during detection is no longer less than the settable range.
- The SY CPU no longer hangs from the REMOTE2 (50-pin) setting.
- The 709: OUTPUT CAV LEVEL setting can now be changed via the 50-pin interface.
- The pinch roller no longer repeats ON and OFF automatically if the SET button is repeatedly pressed in C020: PINCH ROLLER.
- Audio data recorded on a data-recorded track are no longer output momentarily during the MIXING operation.
- When MCF or menu settings are uploaded to a memory stick with limited space remaining, the exit operation from the upload screen now functions properly.
- The SV software download no longer fails.
- When HKDV-900 is operated while uploading an MCF file, the upload no longer fails.
- Menu 905: AUTO FREEZE options MODE1/MODE2 now operate.
- Error-96: SY NV-RAM ERROR is no longer detected inadvertently after power-ON.
- When INTERNAL AUDIO SG is returned from ON to OFF, SDI input selection channels are no longer switched.
- Cleaning tape can now be run in DVW-2000.
- When menu 825: AUDIO ADVANCE is set to ON, the UB MARK recording position is no longer delayed by one frame if LTC/CTL time data are delayed by one frame.
- When recording LTC UB using Assemble Edit mode, data are no longer regenerated using values different from original UB data.

- The following DMC related errors are corrected:
 - The character status display during DMC PREROLL is changed from SHTL to PREROLL.
 - Speed cannot be set when the VAR REV command is received through the 9-pin interface.
 - When menu 402: PREROLL REF set to CTL, cueing up to normal position is not possible when STOP and then AUTO EDIT are performed during DMC PREVIEW (before passing the IN point).
- If the CAPSTAN LOCK setting is changed from the 50-pin interface while system frequency is set to 525, the control panel display no longer changes to 8F, which allows no settings.
- The FL-342 MOUNT board (A-1226-071-A) is supported.
- Preventive measures not to stop the CPU system clock are implemented.
- Memory sticks up to 2 GB are supported.
- ERROR-24 DT HEAD ERROR is supported.
- The default calendar date is changed to January 1, 2009.
- The audio meter on the control panel no longer blinks when the menu 809: METER DIMER is set to 1.
- The number of registered error logs can be displayed.
To select this function, set menu 037: LOG NO DISP to ON. Exx is then displayed to the right of time data, where "xx" represents the number of errors registered in the error log. If "--" is displayed, the number errors is 100 or higher.
- The wording used in M48 AUTO BANK RECALL is changed as follow:

~~On this setting, Recall setup menu from user bank automatically when turn on the VTR.~~



This menu is used to set the automatic SETUP BANK RECALL when the POWER-ON.

- Menu 506: DRUM ROTATION TIMER is added to protect tape.
- The onset of audio output during EDIT CONFI is improved as follows:
 - Audio output muting during CONFI is deactivated earlier so that audio begins output earlier.
 - The timing for audio output switching (ADV HEAD > CNF HEAD) during CONFI is earlier.
- Bit length for audio data to be recorded is limited to 20 bits.

SV V1.15

- ERROR-24 DT HEAD ERROR is supported.
- To prevent abrasion due to adhesion of the slip ring, the specification for drum rotation warm-up is changed as follows:

If six hours elapses in CASSETTE OUT mode while power is ON, the head drum rotates for 120 seconds at 25 Hz.

- The FL-342 MOUNT board (A-1226-071-A) is supported.
- DT control (DC wobbling control) is corrected.
- The take-up reel no longer runs away at thread end due to the load during the Full TOP process (during reel-to-reel FWD tape movement).
- AutoRew no longer starts when tape reaches tape end at slow speeds.
- Block noise no longer appears in playback video with IMX playback in a range of $-1.0\times$ to $+3.0\times$ speed.
- The version upgrade from a memory stick no longer fails.
- Short FF now occurs at REW when using SP-recorded tape with a unit that is SX-compatible and ANA-incompatible.
- Audio and video no longer become abnormal during playback of SX-recorded tape containing abnormal X-length.
- Checksum is added to the error log, which is saved in NVRAM.
- Review conditions are improved for error subcode b (speed abnormality at pinch-ON).
- Specifications are added to end the tape-tightening operation.
- The target value for take-up reel tension control during tension release and STANDBY OFF is changed from 20g to 25g.
- The integrated value for the speed error is reset when the supply reel control moves into speed control.



INSTALLATION PROCEDURE

1. Format a memory stick using the M3E2: FORMAT STICK menu.

CAUTION: The memory stick must NOT be formatted with a PC.

NOTE: Refer to the Maintenance Manual, Volume 1, Section 3-5-11, "MEMORY STICK UTIL Mode (M3E)."

2. Save the setup menu data to the memory stick using the M3E1: ROM TO STICK menu. This process will create the correct folder structure on the memory stick.
3. Remove the memory stick and insert it into a PC.
4. Copy the two *.BIN data files downloaded from the SoftwarePLUS website to the following folder in the memory stick:

./MSSONY/PRO/VTR/DVW2000/STANDARD/

5. Upgrade the software as described in the Maintenance Manual, Volume 1, Section 3-5-11, "MEMORY STICK UTIL Mode (M3E)."

VERSION COMBINATIONS

Software must be used in the following combinations; otherwise, the unit may malfunction:

SY	SV
6.70	1.15
6.63	1.14
6.63	1.09
6.62	1.08
6.61	1.06