



Switcher

Date: **March 20, 2000**

Model: **DVS-7250A, BZS-7060A**

Subject: **SOFTWARE UPGRADE—VERSION 5.12**

Serial No: **10,001–10,050**

DESCRIPTION

New V5.12 software is now available. This upgrade implements the following new features and program improvements.

NEW HARDWARE OPTION SUPPORT

- The BKDS-7370 Advanced Wipe Generator Option provides rotary, mixed, and karaoke patterns. Edge trail, spring, spiral, slats and multiple modifiers may be added, providing thousands of creative variations. [User Guide page 4-149]

NOTE: For each M/E, either a BKDS-2070 or BKDS-7370 may be installed.

- The BKDS-7444 Still File Option Board provides a pool of 36 video or key images for instant recall into either of the two frame memory systems of the DVS-7350A processor. Sixteen frames are stored in non-volatile flash memory and therefore, not susceptible to power interruptions. Twenty frames are stored in volatile memory. Access is via menu function on the STILL FILE button (Next to DISK button). [User Guide page 6-18]

NOTE: Requires BKDS-2041 Frame Memory Board.

- The BKDS-7271 Advanced/FineKey Border Option provides all of the features of the BKDS-7270, with the addition of soft edges (available in all modes) and FineKey sub-pixel edge processing.

NOTE: For each M/E, either a BKDS-7270 or BKDS-7271 may be installed.

- The BKDS-7420 Color Corrector Board offers primary and secondary color correction for the DVS-7350A system. This option includes a convenient software program with an interface adapter that adds the operation of the Color Corrector and Frame Memory options onto a PC (running Windows® NT or Windows 98). The software also provides the additional features of histogram and drag-and-click color curve adjustment.

- The BKDS-7113 and BKDS-7163 are new SDI input and output options for the DVS-7000A/7200A and DMK-7000.

NEW SOFTWARE FUNCTIONS

- Show Key Function—The Show Key function is newly added to allow the key signal on an ME to be previewed. Holding down a keyer selection button in an ME for at least one second will automatically show the key signal for that keyer for a preset time, on the Edit Preview bus. To use, the Auto Preview 2 mode must be enabled; SETUP → 2(INPUT/OUTPUT) → F7(OUTPUT ASSIGN) → F10(AUTO PVW2). The preset time for displaying the key can be changed in SETUP → 3(EFFECT) → F3(KEYER) → F7(SHOW KEY). [User Guide page 14-41]

NOTE: Requires BKDS-7280 ME Preview Board.

- Disk Operation Enhancement—It is now possible to save and load all Snapshot, Effect, and Setup data with a single function in the Disk Menu. It is also possible to save and load just the user operation settings from setup. These operations can be performed from the newly added 5(UTILITY) option in the DISK menu which supports F1(ALL SAVE), F2(ALL LOAD) and F3(OPERATION SETUP). [User Guide page 10-15]
- VTR Interface—Two VTRs can be controlled from the control panel and included in Keyframe effects. The DME5 and DME6 buttons can be configured to be VTR1 and VTR2 in SETUP → 4(PERIPH) → F9(PANEL PORT) menu [User Guide page 14-62]. The REGISTER, DISK and KEYFRAME menus have been enhanced to allow for save and recall of VTR1 and VTR2 time code data. [User Guide page 13-7]
- Initialize Panel Only—F1(PANEL) and F4(PANEL) are added to SETUP → 1(SYSTEM) → F6(INITIALIZE) menu to reset or initialize(ALL CLEAR) only panel. [User Guide page 14-17]



- Utility button Assignment of GPI Trigger—DVS GPI 1 through 8, and DMK GPI 1 through 8 Test Fire can now be assigned to the Utility buttons. This setting can be done from SETUP → 5(OPERATION) → F9(UTILITY) → F3(COMMAND). [User Guide page 14-92]
- User Define of ALL button (10 Key Pad)—The delegations selected when pushing ALL button in 10 Key Pad are now User Definable. This setting can be done from SETUP → 5(OPERATION) → F5(OPERAT MODE) → F8(PROGRAM BUTTON) → F10(DEFINE ALL) menu. [User Guide page 14-80]
- Disable of LAST X button (10 Key Pad)—LAST X button in 10 Key Pad area can be disabled by F9(KEY PAD LAST X) setting in SETUP → 5(OPERATION) → F5(OPERAT MODE) → F7(CUSTOM MODE) menu. [User Guide page 14-82]
- Expansion of EXT AUX bus (Router Interface). The number of Router Destination, which can be interfaced via BKDS-7700, is expanded to 36. [User Guide page 14-56]
- Multi Pause—Up to 8 pause points per timeline (effect) is implemented. [User Guide page 8-27]
- MASK/EDGE Process Sequence (Priority) Setting Sequence between KEYER MASK process and KEYER EDGE process can be set by F6(MASK PROC) in SETUP → 4(EFFECT) → F3(KEYER) menu. [User Guide page 14-44]
- KF Path Enhancement for Video Proc.—Interpolation between KFs for Video Proc. is available by setting the KF Path to LINEAR or S-CURVE. [User Guide page 8-24]
- Edit Enable Auto Off—Edit Enable Auto Off mode is newly added to turn off Edit Enable automatically when recalling an effect. This can be set by F2(EDIT ENABLE AT OFF) in SETUP → 5(OPERATION) → F5(OPERAT MODE) → F6(KF MODE) menu. [User Guide page 14-80]
- Auto Save Off—Auto Save Off mode is newly added to inhibit saving the effect recalled previously into the register automatically when recalling a new effect. This can be set by F1(AUTO SAVE) in SETUP → 5(OPERATION) → F5(OPERAT MODE) → F6(KF MODE) menu. [User Guide page 14-80]
- Output Assignment for Safe Title (BKDS-7163 Only)—The outputs, which Safe Title can be added, are now assignable, if BKDS-7163s are installed. Up to 4 outputs per DVS-7000A/7200A/DMK-7000 can show Safe Title at a time. The outputs, which can show Safe Title in previous version, are still able to show Safe Title even with BKDS-7161/7162.
- VTR Program Play Mode — When playing a VTR from the switcher control panel, it is possible to play the VTR at a preprogrammed speed. The speed

can be set on the menu in SETUP → 4(PERIPH) → F9(PANEL PORT) → F2(VTR IF). [User Guide page 14-65]

- Flexipad Mode 3—A new Flexipad operation mode has been added. When mode 3 is selected, the SHIFT button will lock ON when pressed. This allows registers 11 through 19 to be selectable by one key stroke. This is similar in operation to Mode 2, except in Mode 3, the registers are shifted until you press the SHIFT button again to release the lock. [User Guide page 14-78]
- Snap Shot Attribute Operation—It is now possible to set the mode of the EFF DISS and AUTO TRANS button of the Flexipad. Mode 1 is the conventional operation. In Mode 2 when a register is recalled, the snapshot is recalled according to the attributes of the button which is lit. When the button is not lit, the snapshot is recalled according to the attributes saved in the register. Set on the menu as follows; SETUP → 5(OPERATION) → F5(OPERAT MODE) → F7(CUSTOMER MODE) → F10(MORE)MENU → F1(FLX PAD ATRB MODE). [User Guide page 14-80]

PROGRAM IMPROVEMENTS

- When executing a keyframe effect more than once with the fader lever, the switcher might be ALL CLEARED under the following conditions:
 - a. The effect contains a wipe pattern which has been repositioned.
 - b. The wipe position is the same on KF1 and KF2.
 - c. When connected to the BVE-9100, when a SWER LEARN is performed, the AUX Bus setting is not recalled correctly.
 - d. When executing a wipe transition on a system with the BKDS-7370 Advanced Wipe installed, a slight border could be seen if width was set to zero, regardless of the On/Off setting for Border.
- Names of following signals were not displayed on Control Panel setup menu.
 - “ME2 CHR KEY KEY”
 - “ME2 KEY1 PROC VIDEO”
 - “ME2 KEY1 PROC KEY”
 - “ME2 KEY2 PROC VIDEO”
 - “ME2 KEY2 PROC KEY”
 - “DSK1 PROC VIDEO”
 - “DSK1 PROC KEY”
 - “DSK2 PROC VIDEO”
 - “DSK2 PROC KEY”
- The Transition rate of DSK1/2/3 could not be set using the TRANS RATE button of the numeric keypad section.
- Occasionally, when recalling a snapshot, XPT DISABLE did not work for External Aux buses.



- When controlling a DME from the switcher panel, in the DME SETUP → 2 → F5(AUTO KEY) menu, when the F6(SOURCE) function was pressed, the AUX Bus buttons did not light.
- When controlling a DME from the switcher panel, in the DME STATUS → 3(MATTE) menu, when the F1(GRAB MARKER) function was set ON (for Color Pick operation), the marker could not be adjusted with the track ball.

PARTS REQUIRED

Part No.	Description	Qty.
DS7060A12	DVS-7250A/BZS-7060A V5.12 Upgrade Kit	1

ORDERING INFORMATION

To order upgrades, please contact:

Sony **SOFTWAREPLUS®** Center

- **Fax:** 1-408-955-4414
- **Call:** 1-408-955-6300
- **Mail:** Sony **SOFTWAREPLUS®** Center
3300 Zanker Road, Mail Drop SJ2B3
San Jose, CA 95134

Canadian customers: Please order parts from your usual supplier.