Date: **March 5, 2001**

Subject: **SOFTWARE UPGRADE—VERSION 5.23**

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

Serial No: **10,000–10,056 (BZS-7060A)**
ALL (DVS-7250A)

DESCRIPTION

Software version 5.23 is now available. The new software implements the following new features and problems corrected.

PARTS REQUIRED

Part No.	Description	Qty.
DS7060A13	BZS-7060A V5.23 Upgrade	1

NEW FEATURES

- The DME WIPE function has been enhanced to include 144 new preset patterns. [Supplement page 14]

  When installing DME-7000 software V3.20 and higher or DME-3000 live-version software V3.10 and higher, the following DME-7000/3000 wipe patterns are available.

  1500–1541, 1550–1577, 1600–1665, 1670–1678, 1700–1702 [Supplement Appendix for wipe descriptions]

- Crosspoint Assign for each ME block. [Supplement page 1]

  The crosspoint assignment can now be set independently for each ME. Also, the crosspoint buttons of each ME can be assigned to another ME to extend the number of unshifted crosspoint buttons of a ME. The setting is available in menu SETUP→ 5(OPERATION) → F3(XPT ASSIGN) → F9(ME BUTTON RE-ASSIGN).

- The VTR control function from the control panel has been improved. [Supplement page 16]

  - Over-run time (VTR constant), which is time between executing and completing STOP command, can be set. Setting is available in menu SETUP → 4(PERIPH) → F9(PANEL PORT) → F2(VTR IF) → F7(VTR CONST).

  - Trim input is available when entering time code data in the menu, REGISTER → SHIFT+1(VTR) → F4(TC).

  - When setting a time code of START command to a point that is later than a time code of STOP command, PLAY command does not execute even if pushing RUN button. Therefore, STILL picture in CUE UP is available.

- Protocol for new-type pen tablet is now supported. [Supplement page 15]

  The protocol for the new Intuos series pen tablet made by WACOM is now supported.

- On-air tally for input signal of Frame Memory picture is now supported.

- Switchable REGS MENU MODE. [Supplement page 28]

  In former version, register menu indicated data existence for each register, so EFF button or SNAPSHOT button in the ten-key pad had to be pushed to indicate register name. In V5.20 software, register name is indicated when opening REGISTER menu, and data existence is now indicated when pushing EFF or SNAP SHOT button in the ten-key pad. The setting for this operation is available in menu SETUP→ 5(OPERATION) → F5(OPERAT MODE) → F7(CUSTOM MODE) → F10(MORE) → F2(REGS MENU MODE).

  - MODE1: data existence in a register is indicated when opening REGISTER menu.
  - MODE2: register name is indicated when opening REGISTER menu.

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- The multi button press operation of AUTO TRANS and KF RUN can be set. [Supplement page 26]

  In former version, when executing an AUTO TRANS or KF RUN, the operation was paused when the button was pressed for one second. Subsequent presses would continue or pause the operation until the end. In V5.20 software, this feature can be enabled or disabled in menu SETUP →5(OPERATION) → F5(OPERAT MODE) → F7(CUSTOM MODE) → F10(MORE) → F3(KEY MIX&AT TR BUTTON) or F4(KF RUN BUTTON).

- Initialization of communication between a control panel and a switcher processor. [Supplement page 17]

  A function for initialization of communication between the control panel and the switcher processor has been added. The new function is available in menu SETUP →1(SYSTEM) → F6(INITIALIZE) →F7(SWER COM RESET).

- Bus setting for AUTO PVW2 function is now supported. [Supplement page 18]

  It is now possible to specify which Aux buses are affected by the AUTO PVW2 function. The setting is available in menu, SETUP→ 2(INPUT/OUTPUT) → F9(OUTPUT ASSIGN) → F10(AUTO PVW2).

  - DSBL: AUTO PVW2 function is disabled.
  - EDPVW: AUTO PVW2 function is enabled only for the EDIT PREVIEW bus.
  - ALL: AUTO PVW2 function is enabled for all AUX buses.

- Bus setting for Show Key is now supported (Supplement page 19)

  It is now possible to specify which Aux buses are affected by the SHOW KEY function. The setting is available in menu, SETUP → 3(EFFECT) → F3(KEYER) → F7(SHOW KEY MODE).

  - OFF: Show Key function is disabled.
  - EDPVW: Show Key function is enabled only for the EDIT PREVIEW bus.
  - ALL: Show Key function is enabled for all AUX buses.

  The display duration of the key signal can now be set in the menu F8(SHOW KEY DUR).

- Peripheral 2 and GPI Timeline function. [Supplement page 4]

  The P2 and GPI timeline functions allow Peripheral 2 triggers for individual devices (ID 0 to 23) as well as GPIs to be inserted on the timeline and executed as effects.

- The NAM and SUPER MIX button of Transition Control section can now be reprogrammed. [Supplement page 25]

  The NAM and the SUPER MIX button in transition control section of each ME block can be changed to KEY1 ON and KEY2 ON or KEY1 MIX and KEY2 MIX button. Setting is available in menu SETUP → 5(OPERATION) → F5(OPERATE MODE) → F8(PROGRAM BUTTON).

- The interpolation of DME EXT VIDEO can be set from the switcher control panel. Setting is available in menu IN/OUT → 4(INTERPOLATION) → F3(FRONT EXT)/F6(BACK EXT).

- The CROP of DME video signal is selectable ON/OFF from the switcher control panel. Setting is available in a menu DME SETUP →2 → F9(PROC CTRL2) → F3(VIDEO CROP).

- The operation of the CUT and AUTO TRANS buttons can now be swapped. The setting is available in menu SETUP → 5 (OPERATION) → F5 (OPERAT MODE) → F7 (CUSTOM MODE) → F10 (MORE) F5 (AUTO/CUT BUTTON).

  - Mode 1: Operation remains unchanged. (Default setting)
  - Mode 2: The function of the AUTO TRANS button and that of the CUT button are swapped (similar to GVG,style).

- Peripheral 2 and GPI Timeline commands. The functions of P2TL TEST FIRE, P2TL ENABLE and P2TL GPI ENABLE have been added to menu SETUP → 5 (OPERATION) → F9 (UTILITY) → F3 (COMMAND). These functions can be assigned to any button in the Utility section.

PROBLEMS CORRECTED

- If no region is selected in the ten-key section when a keyframe effect is recalled, the video could change in an unpredictable manner when the regions are then selected.

- In KEY FRAME → F4(RUN MODE) menu, F5(DME GPI OUTPUT#4) did not work correctly.

- If all keyframes of a locked effects register were deleted, the register status was incorrectly displayed as EMPTY.

- If a button has a different name from that of a primary source, the signal's status could not be changed in menu SETUP→ 2 (INPUT / OUTPUT)→ F3 (SWER INPUT).

- The name of router destination 17 and higher was not indicated in the Router IF menu SETUP→ 4 (PERIPH) → F6 (ROUTER IF).

- The default crosspoint assign function did not work correctly. Setup → 5 (OPERATION) → F3 (XPT ASSIGN) → F9 (M/E BUTTON RE-ASGN)→ F1 (ME1), F2 (ME2), F3 (ME3).

- The AUX bus SHIFT button would not light when pressed under the following condition: In SETUP→ 4 (PERIPH → F5 (DME IF), Re-Entry is set to OFF and F3 BUTTON NO is pressed to select the button using the Aux bus buttons.

- In SETUP → 5 (OPERATION) → F10 (SHOTBOX) menu, the DME 3/4 display is changed in accordance with the setting made in SETUP→ F9(PANEL PORT) → F4 (DEVICE1 SELECT)/F5 (DEVICE2 SELECT) menu.

- If the RUN MODE menu was assigned to a Utility button, it could not be selected with this button if the KEY FRAME → F2 (EXPAND)/F3 (DETAIL) is displayed.   SETUP→ 5 (OPERATION) → F9 (UTILITY) → F1 (USER MENU)

- The duration between a PAUSE and another PAUSE was repeated when an effect was executed by the KF fader using the P2 timeline, to which PAUSE is set, as the reference channel.

- When the BKDS-7111 (analog composite input board) and the BKDS-7161 (analog composite output board) are installed, the BKDS-7370 (advanced wipe board) was not recognized correctly if it was installed causing the functions unique to the BKDS-7370 to not operate.

- When a switcher key frame effect is recalled while executing a DME WIPE on another ME, the signal that is selected by the DME WIPE was changed to the other signal.

- The KEY SNAPSHOT button did not light when the same button was pressed.

ORDERING INFORMATION

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