



Editor

Date: **July 23, 2001**Model: **BZNE-2020**Subject: **SOFTWARE UPGRADE—VERSION 1.30**Serial No: **10,001–10,096, 11,001–11,015
90,001–90,010**

Italicized information in green applies to Europe, Middle East and Africa.

DESCRIPTION

Software operating program version 1.30 is now available. The new software implements the following new features and program improvements.

NEW FEATURES

- Trim (Dual Picture)—The operator can now see not only the target picture but also the ± 1 frame picture in the edit PVW monitor. (BKNE-1031 option board is required.)
If the trim target event is on the OverlayV or DSK track, the video track is displayed (available only for local storage event).
- Alternative Function of Log Window:
 - Local File tab and Clip tab (instead of current File List window)
 - Add clip from the viewer
 - Direct entry mode to timeline
 - Change scene
- TC jump during preroll period in download is now allowed.
- Save the download list—The Import/Export download list can be prepared to download at a later stage. The file format for import/export is internal format.
- The total rundown time can be updated while each batch list item is downloading.
- The batch download list data can be modified after it is entered, i.e., IN/OUT/DUR/File Name/download speed/File Start TC/Source/Modifier data.
- Download batch list ordering—In the download dialog, use the drag and drop operation to replace the batch download list ordering.
- High Speed Transfer (via SDTI-CP) [from VTR (DNW-A75) to Local Storage (MAV-555)]
- Program Location—Sets the effect position and size for specified points in the selected effect, and plays back the effect smoothly by interpolating between two points (can be applied to effect for

which the position/size can be specified, i.e., PIP or mosaic).

- Auto effect mode—Prepares the mode which is automatically added to the transition effect when the event is added to the timeline.
- Transition effects can be applied at the same time among selected events.
- Preroll PVW—Preview starts from the preroll time before the nowline.
- Delete events between TL marks—Prepares the “Delete between TL Marks” in the menubar, and provides a direct and easy way to cut out material in the middle of a clip on the timeline.
- Hold CTRL down while selecting a track to select only that one track and deselect the rest.
- Timeline cue points can be labelled.
- Faster shuttling on the timeline—During faster shuttling, the synchronizations among all tracks and effects are not guaranteed.
- Index Picture—Use the favorite stamp picture instead of the IN/OUT picture for the file list event in the timeline.
- A clip can be recorded from manually MAV-555 and transferred to DNE.
- Files can be renamed.
- It is possible to Import/Export the keyboard assign SETUP.
- Save Project prompt—When opening a new project, Yes, No, and CANCEL are options.

PROGRAM IMPROVEMENTS

- The Undo function during Trim mode has been improved; a “Reset” button has been added.
Previously, after using Undo in Trim mode, system quit from Trim mode.
Now, in Trim mode, press the “Reset” button in trim view, set the trim value to 0, and remain in Trim mode. (Current “undo” button is non-functional.)



- When downloading in the background, "Executing" is now indicated.
- The multi selections for the audio cross fade have been improved.
- Execute Preview without exiting Effect/DSK view.
- The "QUIT" button is in the same position in Trim/Effect/DSK/Rec Dialog.
- Positive direction trim/extend can be executed with a file that is currently downloading (only for Local Storage).
- Zoom In/Out is based on Nowline.
- Minimum duration which is not VFL compiled in MAV-555 has decreased—from 15 frames to 6 frames.
- The audio levels with the fader of the BKNE-1011 during recording can no longer be modified when the output fader is disabled in the mixdown dialog.
- When the audio level of the event in which the modifier such as Voice Disguise is set is modified, the modifier data no longer becomes default during preview.
- If you click the PVW button when opening the VO Rec Dialog, and the Execute/Cancel button appears in the dialog, the VO Rec dialog is cancelled, the preview starts, and audio is now monitored.
- When executing REC without executing the preview after executing "Retry" or "Continue" in Fader Learn, the audio level is no longer set to the last level of Fader learn.
- If set to TL mode, Linear Like Editing is executed, and the audio fader of the BKNE-1011 is moved, then the audio faders on GUI are no longer hidden and are followed.
- During trim on DNE-2000, no GUI "Freeze" occurs, and no Dr Watson message appears.
- Previewing a timeline which exceeds the VTR Event 257 times, although the "Illegal AutoData Error" message appears, the preview can now be executed.

FUNCTIONS NOT DESCRIBED IN USER'S GUIDE

- Auto Effect button in Audio Fade Dialog
 If Auto Effect ON—The effect, which is selected in this dialog, is automatically added when a new event is added on the timeline.
 If Auto Effect OFF—The Effect is not automatically added.
 If Auto Effect ON and Audio is ON in Effect View—If Video and Audio events are added to the timeline at the same time, then audio X-fade is automatically added with the same transition time as the video.

- Save Stamp Picture in SETUP Project
 ON—IN/OUT/Index pictures of events are saved when auto save is done.
 OFF—IN/OUT/Index pictures of events are not saved when auto save is done.

SDTI-CP HIGH SPEED TRANSMISSION

Available Functions

- Employing the SDTI-CP high speed transmission, materials can downloaded from server (MAV-2000) to the local storage in the DNE-2000. (Download Function)
- Employing the SDTI-CP high speed transmission, a complete packet can be uploaded from the local storage in the DNE-2000 to the server (MAV-2000). (Upload Function).
- Employing the SDTI-CP high speed transmission, materials can downloaded from VTR(DNW-A75) to the local storage in the DNE-2000. (Download Function)

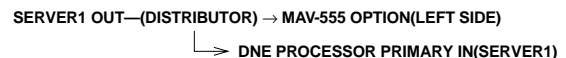
NOTE: To upload in a high speed, set the recording rate to the same as that of uploading in the system.

Option Required

MAV-555 : BKMA-540
 MAV-2000 : BKMA-2040

Wiring

- **SDTI-CP Download**—not using Routing Switcher
 a. Transferring from one VTR
 VTR SDTI OUT → MAV-555 OPTION(LEFT SIDE)
 b. Transferring from Server



- **SDTI-CP Download**—using Routing Switcher
 a. DVS-V1616 Connector Assign

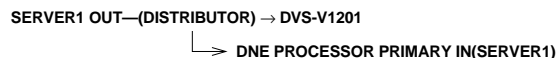
IN	OUT
1 SERVER1(SDTI/SDI)	TO DNE-1000 PRIMARY IN(SERVER1)
2 VTR1(SDTI OUT)	TO
3 VTR2(SDTI OUT)	TO MAV-555 OPTION(LEFT SIDE)
4 MAV-555 MONITOR OUT	TO

- b. DVS-V1201 Connector Assign

IN	OUT
1 SERVER1(SDTI)	TO MAV-555 OPTION(LEFT SIDE)
2 VTR1(SDTI)	
3 VTR2(SDTI)	

DIP SW(INSIDE) SETTING:
 S1: 1-8 ALL OFF
 S2: 1 ON, 2-8 OFF — UA2 = 1

NOTE: THE FOLLOWING ADDITIONAL CONNECTIONS ARE NEEDED:





c. BKPF-300+BKS-R1608 Connector Assign

	IN	OUT
1	SERVER1(SDT1)	TO MAV-555 OPTION(LEFT SIDE)
2	VTR1(SDT1)	TO DNE PROCESSOR PRIMARY IN(SERVER1)
3	VTR2(SDT1)	
4	MAV-555 MONITOR OUT	

DIP SW SETTINGS ON BKPF-300
DEFAULT SETTINGS (ALL)

STATION ID: ANY SETTING IS OKAY
LEVEL(UA2)=1

NOTE: BKS-R1608 FLASH ROM V1.11 OR LATER IS REQUIRED.

• **SDTI-CP Upload**

MAV-555 OPTION(Right Side) Server

SETTING: c:\newseditor\setup\setup.dat file Setting

x2MpegHighSpeedDownloadLocal=0 Set to 1
SDTI-CP high speed transmission between Servers
x2MpegHighSpeedDownloadServer=0 Set to 1

SDTI-CP high speed transmission between Servers
x2MpegHighSpeedDownloadVTR1=0 Set to 1
or
x2MpegHighSpeedDownloadVTR2=0 Set to 1

Settings

- **SETUP Menu on DNE-2000 GUI**
SETUP → Editing Tab → Server Minimum Duration
NewsBase Server MAV-1000: 8Frame
MAV-2000: 5Frame
- **Setup on MAV-555**
Menu-019 (OP Config) set to PANEL
Menu-040 (Option Board) set to BKMA-530
Menu-105 (Synchronize) set to ON (see note)
Menu-107 (MAX Jog Speed) set to x2
Menu-220 (IP Address) set to 192.168.0.3
—Using SDTI-CP High Speed transfer:
Menu-040 (Option Board) Slot3 set to BKMA-540
Menu-109 (EN- FORCED EE) set to enable

NOTE: If changing from 2in2out(BKMA-510) to 1in3out(BKMA-530), and Menu-105 is already set to ON, execute the following procedure:

- Menu-040 (Option Board) set to BKMA-530
- Power Off and On
- Menu-105(Synchronize) set to OFF
- Menu-105(Synchronize) set to ON

- **Setting for MAV-555 front panel**
—Using SDTI-CP High Speed transfer:
P1 port set to REMOTE
- **Setting in c:\newseditor\setup.setup.dat file**
ConfigRequestCount=6 set to 9

OPERATION NOTES

- When first starting DNE-2000 GUI after version-up from V1.00, execute “Disk Clear” to MAV-555.
In the “Rate setting” dialog during “Disk Clear” operation, ensure that the Video/Audio rate setting is the same as the setting on MAV-555.
- After modifying the audio level of an event during TL mode, if the play/Jog control is used to move the nowline to another event, then back to the modified event, the modified audio level is not reflected for audio monitoring.
If you click on the scale area for moving the nowline, the modified audio level is reflected.
- More than a one-second margin is required after the OUT point if executing reverse DMC by using the material on the MAV-555 or MAV-2000.

KNOWN LIMITATIONS

- During opening the View(Trim/Effect/Rec/DSK), operations from PC keyboard sometimes become invalid.
- Do not assign the "Apply" at the SETUP Keyboard Assign Menu.
“Apply” function from PC keyboard is almost invalid even if assigning at the SETUP menu.
- Importing the EDL which is made by ClipEdit, “Freeze Event” data is ignored on DNE-2000.
- Do not use a name which is reserved in WinNT (CON, AUX, COM1, COM2, COM3, COM4, LPT1, LPT2, LPT3, PRN) as a Project Name.
- Do not execute the download in a background job when the setting of the Audio Input is set to “No Connection” by the SETUP Assign Tab AUX.
- If Copy&Paste is used in Rename Dialog/File Manager, the file name becomes double.

EQUIPMENT COMBINATIONS

- MAV-555: V2.20
- If SDTI-CP transfer is used from DNW-A75:
DNW-A75: SY1, SY2, SV: V2.10
BKNW-124: SY3: V1.10

RECOMMENDED PC

CPU: Pentium3 500MHz or higher
RAM: More than 256MB
Cash Memory: more than 256KB
HDD: More than 4GB
Graphic Card: 1024x768, True Color, VRAM4Mbyte
Video Overlay: BKV-100(1 ISA Slot(full size))
Network Card to DNE-2000: Ethernet 10BaseT
Network Card to Server: Ethernet 10BaseT or 100BaseT
OS: WindowsNT Workstation 4.0 Service Pack5



PARTS REQUIRED

Part No.	Description	Qty.
CBZN2K/03	DNE-2000/BZNE-2020 V1.30 S/W Upgrade Kit	1

ORDERING INFORMATION

To order upgrades, contact:

Sony **SOFTWAREPLUS**® Center

- **Fax:** 1-408-955-4414
- **Call:** 1-800-538-7550 → **Option 5**
- **Mail:** Sony **SOFTWAREPLUS**® Center
3300 Zanker Road, Mail Drop SJ2B3
San Jose, CA 95134

Canadian customers: Please order parts from your usual supplier.

INSTALLATION PROCEDURE

CAUTION: Please make sure BZNE-2020 old version (V1.00, V1.10, V1.20) was installed correctly into the target system before starting the following upgrade procedure.

1. Close DNE-2000 application.
2. Get the dne_vup.exe from the ftp site.
3. Copy the dne_vup.exe into c:\temp directory.
4. Double-click dne_vup.exe.
5. Answer all "OK/Cancel" dialogs with "OK" or "Y" during installation.
6. Answer all "Yes/No/All" dialogs with "A" or "Y" during installation.

Install the V1.30 User's Guide PDF file for Online Help

7. Get the help_E.exe file from the ftp site.
8. Copy the help_E.exe into c:\temp directory.
9. Double-click the help_E.exe.
10. Key in "OK" or "Y" when OK/Cancel dialogue is displayed.
11. Key in "A" or "Y" when Yes/No/All dialogue is displayed.
The BZNE2020.pdf file will be replaced on c:\newseditor\help directory.

NOTE: Also available: BZNE-2020 User's Guide V1.30 (English) 3-204-277-02

12. After the version up is complete, delete the directory c:\temp\dnevup and all files under it.
13. Start DNE-2000 application.
14. Select "System Reset" from "Options" on menu bar to execute SYSTEM RESET.

15. Select "Version" from "HELP" on menu bar, and confirm the version number.

The version numbers should be displayed as follows.

GUI	V1.30
CCPU	V0230-0000
DCPU1-4	V0230-0000
ECPU	V0230-0000
PCPU	V0230-0000
DFS	V1.09
APR-14	V2.22
DAP-4	V2.22

16. Upgrade the flash memory programs as follows.

UPGRADING THE FLASH MEMORY

NOTE: Before starting, check whether the BKNE-1020 board is installed in your system. If it is, it must be upgraded.

1. Start the BZNE-2020 Operating Program.
2. Click Help on the menu bar, and check the current versions of the flash memory programs.

The current versions are follows:

DFS	1.09
APR-14	2.22
DAP-4	2.22

NOTE: If some are different, they must be upgraded.

3. Click OK to close the dialog.
4. Click Service on the menu Bar and select Flash ROM, a dialog appears.
5. Select a program file to download.

- Select a file type from among DFS, APR, and DAP, and click Browse to select a file name.
- Select the files and click ADD to decide the download files.
- The selected file name is added to the list as follows.

```
TYPE  DOWNLOAD FILE
-----
DFS  C:\newseditor\bin\dfs.bin
```

- Repeat step 4 if you want to download all files at the same time.

```
TYPE  DOWNLOAD FILE
-----
DFS  C:\newseditor\bin\dfs.bin
APR  C:\newseditor\bin\apr.bin
DAP  C:\newseditor\bin\dap.bin
```

- To cancel a selected file, select the file type and click DELETE to remove it from the screen.



6. Click **Execute**.

Downloading of the selected files begins, and the flash memory is updated.

During the download, a progress bar like the one below is displayed.

DFS FILE [■■■■■ →]

If the download finished normally, a Close button appears, click the Close button.

A dialog like the one shown below appears.

! Please SYSTEM Reset

[Yes] [No]

If downloading of all programs is complete, click **Yes** to restart the system.

To redo the download, click **No** and repeat steps 3 to 8 again.

7. After the system restarts, click Help on the menu bar, and check the current versions of the flash memory programs.