



Display

Date: **December 25, 2000**

Subject: **SOFTWARE UPGRADE—VERSION 1.34**

Model: **BVM-14E1E, BVM-14E1U, BVM-14E5E
BVM-14E5U, BVM-14F1E, BVM-14F1U
BVM-14F5E, BVM-14F5U, BVM-20E1E
BVM-20E1U, BVM-20F1E, BVM-20F1U**

Serial No: **SEE TEXT**

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

DESCRIPTION

Version 1.34 software is now available. The new software implements the following new program improvements.

This bulletin affects units with the following serial numbers:

BVM-14E1E	Up to 2,000,220
BVM-14E1U	Up to 2,100,025
BVM-14E5E	Up to 2,000,295
BVM-14E5U	Up to 2,100,126
BVM-14F1E	Up to 2,000,855
BVM-14F1U	Up to 2,100,126
BVM-14F5E	Up to 2,001,685
BVM-14F5U	Up to 2,100,565
BVM-20E1E	Up to 2,000,400
BVM-20E1U	Up to 2,100,126
BVM-20F1E	Up to 2,002,315
BVM-20F1U	Up to 2,100,702

(External white signal and built-in white signal differed in color.)

- Value of SETUP/100 IRE LEVEL of built-in signal is set by executing SETUP/EXTENDED MENU/ADJ INT SIGNAL menu.

Version 1.32

- Control panel rotary encoder response was improved.
- Setting of REMOTE2 did not become OFF.

Version 1.30–1.31

- By providing adjustment value of R-Y/B-Y CLAMP OFFSET for each slot, accuracy of color reproduction between signal formats was enhanced.
- Functions of short-cut to REMOTE operation and White Balance Adjustment menu were added.
- Brightness correction for under-scan and the 16:9 aspect ratio was added.

PARTS REQUIRED

Part No.	Description	Qty.
MBVMOS/04	Software Memory Card V1.34	1

NOTE: For additional information on version 1.31 upgrade, refer to Broadcast Products Technical Bulletin 1998-289.

PROGRAM IMPROVEMENTS

Version 1.34

- Accuracy of the built-in signal has been enhanced.
- Since level adjustment of built-in signal has been automated, level adjustment with RV101 on the BC board is not necessary.
- VITC, which was dropped from the REMOTE2 setting items in version 1.30 and later, has been restored.

Version 1.33

- SETUP/100 IRE LEVEL for displaying built-in signal was changed from value of selected format to value of built-in signal.

Versions 1.20, 1.21

- BKM-11R was supported.
- EXTEND MENU was added to SETUP menu.
- REMOTE of BVM-xx11/16 and PVM series was supported.
- Password 1111 for a user was added.



Version 1.10

- BKM-14L, SLS9400, PM5639, and TF6 were added to PROBE menu.
- Adjustment menu of horizontal display position of Safe Area Display (SDA) was added.



INSTALLATION PROCEDURE

1. To install the new software, proceed as follows:
 - a. Insert SRAM card in control panel.
 - b. Turn power switch (in rear) off and on.

NOTE: If rear power switch is inaccessible, restart by selecting SETUP/EXTEND MENU/RESTART MONITOR. (Extend menu is only available on units with V1.20 or higher; factory password is 1111.)
 - c. Confirm that monitor STANDBY LED is blinking slowly (on: 1.5 seconds, off: 0.5 seconds).
 - d. Turn on power from control panel to begin version upgrade.

NOTE: STANDBY LED will blink rapidly (on: 0.5 seconds, off: 0.5 seconds) during upgrade, which takes approximately 5 minutes to complete.
2. Confirm software version:
 - a. Select STATUS (2/3) menu.
 - b. Verify that software version number is correct.
3. Remove SRAM card from control panel.
4. Implement the following:
 - If upgrade is from versions 1.30–1.33, execute SETUP/EXTENDED MENU/ADJ INT SIGNAL menu.
 - If upgrade is from versions 1.00–1.21, proceed as follows:
 - a. If signals other than RGB format are used, select format for each signal and execute CONTROL PRESET ADJ/AUTO menu.

If format is component video, execute CONTROL PRESET ADJ/AUTO menu for each input slot.
 - b. Execute SETUP/EXTENDED MENU/ADJ INT SIGNAL menu.

NOTE: To enter EXTENDED MENU, type "1111" for password.
 - c. Adjust color temperature in COLOR TEMP ADJ menu.

ORDERING INFORMATION

NOTE: To order upgrades or for regional service center and parts ordering information, refer to the following document, which lists all contact telephone numbers:

Technical Bulletin 001999000

Canadian Customers: Order parts from your usual supplier.