SONY

Display

Date: **September 11, 2000**

Subject: **SOFTWARE UPGRADE—VERSION 1.14**

Model: **BVM-D14H1E, BVM-D14H1U**
BVM-D14H5E, BVM-D14H5U
BVM-D9H1E, BVM-D9H1U
BVM-D9H5E, BVM-D9H5U

Serial No: **SEE TEXT**

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

DESCRIPTION

Software version 1.14 is now available. The new software offers the following program improvements.

NOTE: This upgrade requires additional modification to the B board.

PARTS REQUIRED

Part No.	Description	Qty.
MBVMDOS/1	BVM-D9H/D14H Series, V1.14	1
1-163-013-11	Cap, 2200pF	2

PROGRAM IMPROVEMENTS

- White balance data at a horizontal frequency of approximately 15kHz (480i/575i) is now independent of white balance data at different horizontal frequencies.

- An error no longer occurs and white balance data is maintained when auto white balance is adjusted at 15kHz (480i/575i).

- ON/OFF tally commands have been added to the serial remote as follows:

  Tally Light (ON)
  - Serial command 29h (Tally On command)
  - Command Parameter 35h (Tally Red)/36h (Tally Green)

  Tally Light (OFF)
  - Serial command 2ah (Tally Off command)
  - Command Parameter 35h (Tally Red)/36h (Tally Green)

- White balance data is no longer lost when an external signal is fed after performing auto white balance adjustment.

- In BVM-D9 series, a register limit error no longer occurs when performing auto white balance adjustment.

SERIAL NUMBERS

BVM-D14H1E	*2,000,001–2,000,025*
BVM-D14H1U	2,000,001–2,000,062
BVM-D14H5E	*2,000,001–2,000,040*
BVM-D14H5U	2,000,001–2,000,450
BVM-D9H1E	*2,000,001–2,000,015*
BVM-D9H1U	2,000,001–2,000,335
BVM-D9H5E	*2,000,001–2,000,024*
BVM-D9H5U	2,000,001–2,000,530

MODIFICATION PROCEDURE

B Board (Side A, Zone C-2)

Replace C2384 and C2385 with new 2200pF capacitors.

UPGRADE INSTALLATION PROCEDURE

1. Load new software:

   a. Install SRAM card in control panel.

   b. Turn power switch (in rear) off and on.

   NOTE: For BVM-D9 series units, where there is no rear power switch, and for BVM-D14 series units, where rear power switch is inaccessible, restart by selecting SYSTEM CONFIG (2/2) /MAINTENANCE/SYSTEM MENU/RESTART MONITOR. (Extend menu factory password is 1111.)

   c. Confirm monitor STANDBY LED is blinking slowly (on: 2.5 seconds, off: 0.5 seconds).

   d. Turn power on from control panel. Version upgrade begins.

   NOTE: STANDBY LED will blink rapidly (on: 0.5 seconds, off: 0.5 seconds) during upgrade; upgrade will take approximately 5 minutes to complete.

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2. Confirm software version:

    a. Select STATUS (2/2) menu.

    b. Verify software version number is correct.

3. Remove SRAM card from control panel.

4. Perform the following adjustment procedure.

ADJUSTMENT PROCEDURE

1. Input 15kHz (480i/575i) and 33kHz (1035i/1080i) signals.

2. If necessary, adjust white balance as per maintenance manual, section 3, "White Balance Adjustment".

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.