DATE: **May 24, 2004**

SUBJECT: **FRONT LEDs BLINK AND MONITOR DOES NOT OPERATE**

MODEL:

BVM-D20F1A
BVM-D20F1A/1
BVM-D20F1E
BVM-D20F1E/1
BVM-D20F1E/2
BVM-D20F1E/3
BVM-D20F1E/4
BVM-D20F1U
BVM-D20F1U/1
BVM-D20F1U/2
BVM-D24E1WA
BVM-D24E1WE
BVM-D24E1WU
BVM-D32E1WA
BVM-D32E1WE
BVM-D32E1WU

SERIAL NO:

BVM-D20F1A	*2,000,001–2,000,005*
BVM-D20F1A/1	*2,010,001–2,010,177*
BVM-D20F1E	*2,000,001–2,000,045*
BVM-D20F1E/1	*2,010,001–2,010,052*
BVM-D20F1E/2	*2,010,053–2,010,093*
BVM-D20F1E/3	*2,010,094–2,010,112*
BVM-D20F1E/4	*2,010,113–2,010,152*
BVM-D20F1U	2,000,001–2,000,540
BVM-D20F1U/1	2,010,001–2,010,263
BVM-D20F1U/2	2,010,264–2,010,548
BVM-D24E1WA	*2,000,001–2,000,109*
BVM-D24E1WE	*2,000,001–2,000,507*
BVM-D24E1WU	2,000,001–2,000,811
BVM-D32E1WA	*2,000,001–2,000,004*
BVM-D32E1WE	*2,000,001–2,000,070*
BVM-D32E1WU	2,000,001–2,000,330

Italicized information in green applies to customers outside the United States.

DPMO04-015

DESCRIPTION

When power is turned ON and an option decoder is installed, the front LEDs may begin blinking, but the monitor does not operate. The OVERLOAD LED blinks approximately every two seconds, while the STANDBY and POWER LEDs blink every second.

This symptom is unlikely to reoccur if you attempt to recreate it; however, the symptom does reoccur if a modified BKM-21D (2,100,001 and higher) is installed in the monitor. When another decoder or another decoder installation slot is used, the monitor may return to normal and the symptom does not reoccur.

PARTS REQUIRED

Part No.	Description	Qty.
6-803-048-02	HD6475368CP-10-BVMD-V1.06	1

ORDERING INFORMATION

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*

MODIFICATION PROCEDURE

BC Board

1. Check the label on IC1.

2. If the label reads Ver.1.00 or up to Ver.1.05, replace IC1 with a new ROM.

   If the label reads Ver.1.06, you do not need to replace IC1. The new IC is already installed.

   NOTE: Before mounting the new IC to the IC socket, ensure that the IC pins are not deformed.

3. After mounting the new IC to the IC socket, ensure that the IC pins maintain full contact with the socket.

   NOTE: Refer to Technical Bulletin 30-2000-077.

CAUTION: Programmable devices are easily damaged by static electricity. Make sure the equipment is powered OFF and you are grounded to the unit with a cable that contains a 1 MΩ resistor between you and GND when installing programmable devices. Work with caution when grounded to the unit.

CONFIRMATION

CPU Version

If software for the monitor is V1.20 or higher, confirm the CPU version as follows:

From the Maintenance menu, choose BC BOARD. CPU version is indicated on the third line.

Monitor

Confirm that the monitor powers up properly without symptoms.

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