SONY.

Display

Broadcast Products Technical Bulletin 1998-

Subject: CORRECTING NOISE AND PICTURE

Technical Bulletins for Broadcast and Professional Products for North, Central, and South America

Date: June 15, 1998

Model: BKM-21D

Serial No: 2,002,450-2,004,629

DESCRIPTION

When the unit is installed in a BVM Evergreen Series video monitor and a D2 NTSC signal is received, white horizontal stripe noise may occur or the picture may disappear at startup or in a low temperature environment. In such cases, the piggyback boards beneath IC101, IC104, and IC106 may malfunction.

To correct this condition, use the DPR terminal (pin 31) of IC127 (side A, A-12) for detection of SDI signal input, instead of the DPR OUT terminals (pin 23) of IC101, IC104, and IC106, by performing the following modification procedure.

NOTE:

- This condition does not occur when the unit receives D2 PAL and D1 (4:2:2) signals.
- A 40mm jumper wire is required for this modification procedure.

MODIFICATION PROCEDURE

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BD Board (Side A) (See Figure 1.)

1. Ensure that piggyback boards are mounted beneath IC101, IC104, and IC106 on the BD board (zones A-6, B-6, and C-6, respectively).

NOTE: Implement this modification only if these piggyback boards are mounted on the BD board.

- 2. Using tweezers or pliers, remove the piggyback BD1 board mounted on the BD board.
- 3. Cut a trace leading from pin 13 of IC113 (zone B-13) as shown in Figure 1, inset.
- Solder a jumper between pin 3 of IC810 (zone B-12) and the land near IC113 as shown in Figure 1, inset.
- 5. Reinstall the BD1 board.

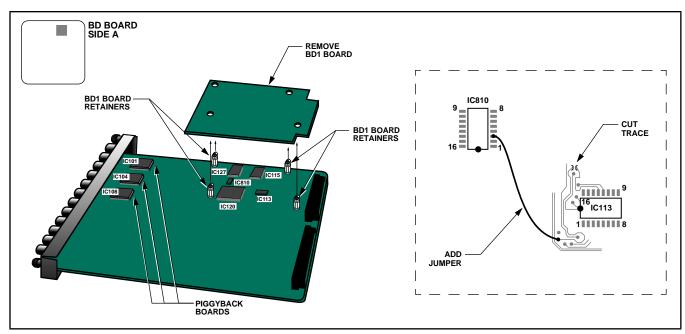


Figure 1

DPMO98-008

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