

INCORRECT NTSC/PAL FLAG CAUSES LOSS OF LOCK / V SHIFT IN VF

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Product: **DSR-130P, DXC-D30P, DXC-D30WSP, PVW-D30P**Serial No: **All****1 DESCRIPTION**

The video format (NTSC or PAL) is stored in an EEPROM on the ES board. Poor electrical contact between the AT and MB boards, or external electromagnetic noise, etc. can cause the video format setting to change. If this occurs the unit may exhibit the following symptoms:

- Loss of picture lock.
- Vertical shift of the characters in the viewfinder.
- Vertical shift of the MARKER in the viewfinder.

To correct this condition perform the following procedure.

2 PROCEDURE

1. Confirm that the connectors between the AT and MB boards are clean and that they are making good electrical contact.
2. Remove the right side panel.
3. Switch the POWER on.
4. Set switch S105 on the SW-791 board from OPE to ADJ so that the following menu is displayed.

Note: The SW-791 board is located above the POWER switch.

```
-> OPEN MENU (YES->▲)  
SERVICE
```

5. Press the MENU/STATUS switch down to move the cursor to SERVICE.

```
OPEN MENU (YES->▲)  
-> SERVICE
```

FOR INFORMATION ONLY

6. While pressing the NG button, keep pressing the UP/ON button until EXAM. 3 is displayed.

Note: The display changes cyclically : SERVICE -> BASIC -> ADVANCED -> EXAM. -> EXAM. 2 -> EXAM. 3 -> EXAM. 4 ->

```
OPEN MENU (YES->▲)
-> EXAM. 3
```

7. Press the MENU/STATUS switch down to move the cursor to OPEN MENU (YES ->▲).
8. Press the UP/ON button.

```
-> PAGE1 (NEXT->▼ PREV->▲)

ALL RESET
      (YES->▲)

EXIT MENU (YES->▲)
```

9. Press the MENU/STATUS switch down to move the cursor to PAGE1.
10. Press the DOWN/OFF button twice to select PAGE3.

```
-> PAGE3 (NEXT->▼ PREV->▲)

FLAREON : ON
DRANGE  : 6
KPMIN   : 182
NT/PAL  : PAL

EXIT MENU (YES->▲)
```

11. Press the MENU/STATUS switch down to move the cursor to NT/PAL.
12. Press the UP/ON button (or the DOWN/OFF button) to select the correct video format (NTSC or PAL).
13. Switch the POWER off.
14. Reset the camera as described in Engineering Bulletin E-DXC-101.