# **SERVICE BULLETIN**

PRODUCT: Plasmavision

MODEL: H2 panel models

SUBJECT: Electric components modification

ISSUED: MAR/16/2004 REF.NO.: PDP-0035-06

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### 1. Description of trouble

RED LED continuous blinking Power supply sometimes cuts.

#### 2. Fault Location

IC804 of Main Power PCB IC142 of Main Power PCB Resistor (1W, 1/2W, 1/4W) solder crack of Main Power PCB

#### 3. Cause

The noise does overlay to the VCC power supply of IC804 and it damages IC804. IC142 is destroyed due to the solder crack of the chip resistor.

#### 4. Applicable Models

P42HHA10WS	P42HHS10WS	P42HCA10WS	P42HCA11WS
P42HHA10ES	P42HHS10ES	P42HCA10ES	P42HCA11ES
P42HHA10AS	P42HHS10AS		P42HCA11AS
P42HHA10KS			

#### 5. Method of measures

Please surely execute 2 preventive maintenance.

The capacity of C836 is changed and the noise is removed.

1. Preventive maintenance

The capacitor with the lead is added to C836 of Main Power PCB.

For the prevention of the solder crack, solder is added.

- Preventive maintenance Solder is added.
  R38, R39, R122, R123, R142, R143, R154, R155, R501, R583
  R584, R632, R633, R634, R162
  Each terminal of IC121, IC141, IC142
- 3. A case of LED lamp blinking

Please exchange 1,2(Preventive maintenance) and IC804.

Details : to next page.

### 6. Additional measures

Please execute preventive measures also because abnormality is seen in the shape of waves at the start.

#### Parts are exchanged

1. R147 0.15W $\rightarrow$  0.22W (Cement resistance)2. R165 0.12W $\rightarrow$  0.15W (Cement resistance)3. R157 1.8kW $\rightarrow$  2.7kW (Carbon resistance)4. D145 ECSF56 $\rightarrow$  EC11FS25. D152 ECSF56 $\rightarrow$  EC11FS26. C148 $\rightarrow$  C148 (Same part of New one)

### 7. Modification parts

FGCS will supply it

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## **Details Method of measures**



1.Main Power PCB is removed.

- 2. The capacitor with the lead is added to C836(chip capacitor) of the Main Power PCB.
- \* If IC804 has been damaged, exchanges for new IC.

It confirms whether soldering capacitor and IC is correct.

Shorten the Condenser foot as much as possible.



3.Change the Main Power PCB Version to 007A<sup>\*</sup>.4.Paste the tuck label of green.



5.Paste the tuck label to the lower right of device version label.

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