



Service Bulletin

No. : MZ07-US04

Date: June 5, 2007

Model: SR5600

Subject: Troubleshooting the "CHECK POW 5" indication.

Symptom: The set shows a "CHECK POW 5" indication but the troubleshooting information in the service manual is vague.

Solution: Use the following to troubleshoot the CHECK POW 5 failure:

Troubleshooting the +5V Supply

If +5V input into pin 108 of IC28 is troubled check the following the checkpoints (1 – 4).

CHECKPOINTS:

1. Turn the power-ON. Is there +5V volts on CN30/pin 7 and CN30/pin 8 of the DSP PWB.
2. (Power Amp Failure) Is the signal on pin 31 of IC28 = H?
(When 31 pin is in a "L" state for 2 seconds or longer,
Abnormalities have occurred in the POWER AMP circuit.)
3. (Power line Failure) Is the signal on pin 109 of IC28 = H?
(When pin 109 is in a "L" state for 2 seconds or longer,
Abnormalities have occurred to +/-12V power supply or the Power Amps power supply.)
4. (Power Down) Is the signal on pin 38 of IC28 = H?
(When 38 pin is in a "L" state for 2 seconds or longer,
Abnormalities have occurred in IC84 and around IC84 circuit of STANDBY PWB.)

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