

Service bulletin # HK2006-01 January 2006

Warranty labor rate: MINOR repair

To: All harman/kardon Service Centers

Models: AVR135, AVR140, AVR240, AVR340,  
AVR135/230v, AVR235/230v, AVR335/230v, AVR140/230v, AVR240/230v, AVR340/230v

Subject: Defective Wafer

**In the event you receive an AVR135, AVR140, AVR240, AVR340, AVR135/230v, AVR235/230v, AVR335/230v, AVR140/230v, AVR240/230v, or AVR340/230v receiver with the complaint “there is no On Screen Display (OSD) output through the Composite, S-video, or Component Video\* connections, or no video pass-through from S-Video or Composite connections”, perform the following procedure:**

Synopsis: Flat flex cable assembly possibly not making a good contact with defective wafer connector CN72, located on the Input PCB.

Check to see if the affected unit falls into the serial number range(s) below, which may need modification.

- 1) Remove the top cover
- 2) Remove the Tuner PCB and Video PCB's.
- 3) Remove the Input PCB; replace 16 pin wafer connector CN72 with h/k part# KJP32GA117ZG.
- 4) Replace all PCB's in reverse order, and the top cover.
- 5) Test the unit.

MODEL	SERIAL NUMBER (120V)	SERIAL NUMBER (230V)	STATUS	ACTION
AVR135	AN0020-28676 to AN0020-33475		May Need Modification	Replace Wafer
AVR140	AN0031-04201 to AN0031-16800		May Need Modification	Replace Wafer
AVR240	AN0032-01001 to AN0032-13000		May Need Modification	Replace Wafer
AVR340	AN0033-01001 to AN0033-09000		May Need Modification	Replace Wafer
AVR135 in CP15 system	AN0023-08026 to AN0023-09825		May Need Modification	Replace Wafer
AVR235 in CP25 system	AN0024-03001 to AN0024-04000		May Need Modification	Replace Wafer
AVR335 in CP35 system	AN0025-04101 to AN0025-05100		May Need Modification	Replace Wafer
AVR135/230		AN0027-14356 to AN0027-17965	May Need Modification	Replace Wafer
AVR235/230		AN0028-11601 to AN0028-20300	May Need Modification	Replace Wafer
AVR335/230		AN0029-07401 to AN0029-09830	May Need Modification	Replace Wafer
AVR140/230		AN0034-01001 to AN0034-04600	May Need Modification	Replace Wafer
AVR240/230		AN0035-01001 to AN0035-03400	May Need Modification	Replace Wafer
AVR340/230		AN0036-01001 to AN0036-02200	May Need Modification	Replace Wafer

\* Note: For the models above, excluding the AVR340, the full On Screen Display (OSD) normally will not be visible with Component video connections alone. For model AVR340, when the component video jacks are used, the onscreen menus are not visible with high-definition video (720p or 1080i), and you must switch to the standard composite or S-video input on your TV, or to a 480p video source, to view them.