

SONY

Hi-Fi Products  
Service Bulletin

Sony Service Company - Technical Services  
A Division of Sony Corporation of America  
Sony Drive Park Ridge, New Jersey 07656

Model: STR-AV970X/AV1070X

No. 238

Subject: Hissing Noise In Rear Surround Channel

Date: January 20, 1992

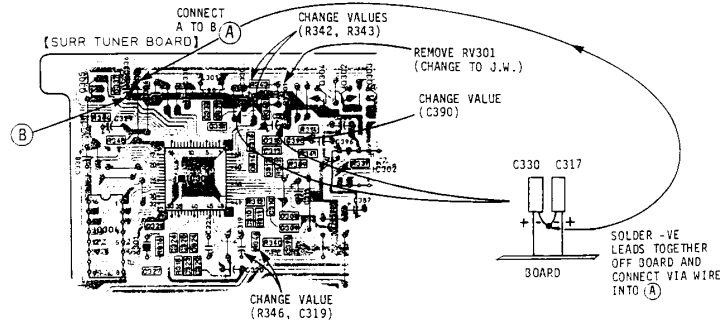
Symptom:  
(54)

The rear surround channel has a high frequency hiss present which is most noticeable with the master volume turned up to at least 50%, the rear channel level at 0dB and no signal source present.

Solution: If this symptom occurs, perform the following:

1. Change resistors R342 and R343 from 330K to 220K.
2. Remove pot RV301 and replace it with a wire (short).
3. Remove the negative leads of caps C330 and C317 off the board and solder them together (off the board), then solder into them a wire from the Digital ground. Then connect the digital ground into the analog ground as shown.
4. Change C390 from 0.22 $\mu$ F to 10 $\mu$ F.
5. Change C319 from 4.7 $\mu$ F to 1 $\mu$ F.
6. Change R346 from 100K to 10K.

REF. NO.	DESCRIPTION		PART NUMBER
	FORMER	NEW	
R342	330K	220K	1-216-105-00
R343	330K	220K	1-216-105-00
C390	0.22 $\mu$ F	10 $\mu$ F	1-124-907-11
C319	4.7 $\mu$ F	1 $\mu$ F	1-124-902-11
R346	100K	10K	1-216-073-00



Reference: FPR #M2971

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CSA-13 Receiver