



# YAMAHA

## TECHNICAL BULLETIN

6660 Orangethorpe Avenue, Buena Park, CA 90620-1345  
(714) 522-9105

Number: **224H**  
Effective Date: **June 2, 2000**

MODEL: **RX-V1/DSP-AX1**

SERIAL NUMBERS AFFECTED: **All**

FUNCTIONS AFFECTED: **Subwoofer Output Verification**

	TYPE OF CHANGE		
MANDATORY	OPTIONAL	FOR INFO. ONLY	
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	

**SYMPTOM:** Customer complains of no or low subwoofer output.

**CAUSE:** Improper set-up by customer.

**SOLUTION:** Check for correct output by setting the MAIN speakers to the SMALL mode with the EFFECTS off (as shown in the Service Manual on page 5 under Output Level/Impedance). Inject a 150 mv 50Hz audio signal into the Left and Right CD input, select CD on the INPUT SELECTOR, turn the volume control all the way up and check the level at the subwoofer output jacks. The MONO level should be approximately 4 volts RMS, the SPLIT level should be approximately 2 volts RMS with distortion typically less than 0.1%.

**NOTE:** This does not require any speakers to be connected!