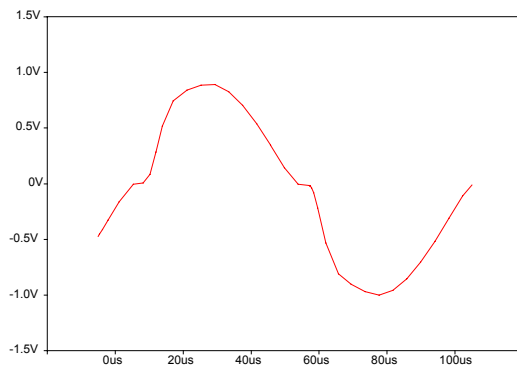


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**Information**Reference  
**alignments.doc**

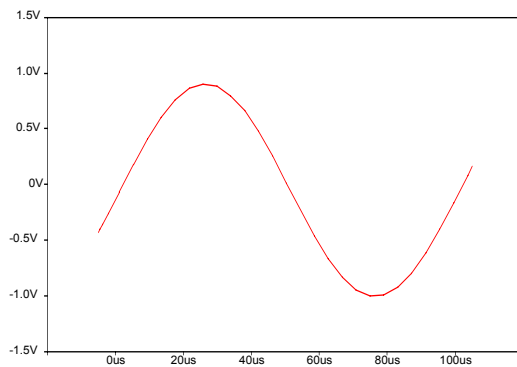
### ADJUSTING BIAS

- Set the BIAS trimmer to zero(max ccw).
- Set the generator to 10 kHz, sine wave.
- Connect a 4 ohms load to the speaker output.
- Turn up the level until the output reads 2 Vp-p.
- Adjust BIAS clockwise until crossover distortion disappears.

**Figure 1**  
**Unadjusted bias**



**Figure 2**  
**Correctly adjusted bias**



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**7.5. SETTING DC OFFSET**

- Set the output to zero level.
- Connect digital multimeter to SPEAKER OUTPUT.
- Adjust DC trimmer until meter reads 0 mV +/- 50 mV.

**THIS ALIGNMENT PROCEDURE APPLIES TO ALL POWERAMP SECTIONS.**

**End of specification document 2002-09-01.**