

## SPEAKER PHASING

When more than one speaker is used in any music reproducing system, the speakers must be connected in a manner to work together. If one speaker is pushing while the other is moving in the opposite direction, this will result in diminishing bass response. Checking for proper phase and correcting if necessary is quite simple.

1. Place your preamplifier in the monophonic function.
2. Play a monophonic record. The sound should emerge from approximately the center area between the two speakers.
3. While the record is playing, change your preamplifier to the stereophonic function.
4. The sound source should now appear to come from both speakers as well as the center.
5. If your speakers are improperly phased, the sound source will not pinpoint itself between the two speakers when the control is in the monophonic position. Instead it will appear to come from both sides.

If you determine your speakers are out of phase, disconnect both leads from either the left or right speaker and reverse them. Your system should now be in phase.

This completes your speaker connections. Since the Citation B does not contain audio output transformers, it is not necessary to match the impedance of your speakers to the amplifier. The Citation B will perform perfectly with any speaker which has an impedance of 4, 8 or 16 ohms. Refer to Diagram A for additional information and also to the paragraph on the use of the rear panel Speaker Selection Switch.

