

## PHASE SPEAKER

**A**FTER reading the article in PRACTICAL ELECTRONICS on Musical Phase, September issue, I thought my method of making phased recordings may be of interest.

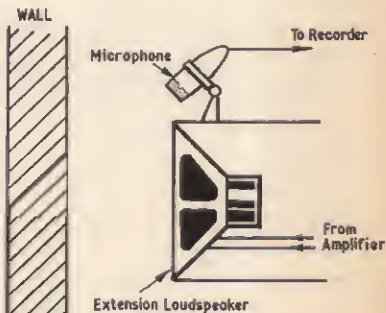
The signal to be phased is amplified in the normal way, but the output is fed into an extension speaker with the microphone of a tape recorder mounted as shown in the diagram below.

With the selected programme playing and the tape recorder on record the speaker and microphone are moved towards and away from a sound reflecting surface.

When the speaker and microphone are one foot away from a wall the microphone picks up sound from the speaker

only. But when the two are moved closer to the wall, sound reflected off the wall, which is out of phase, is also picked up.

The only problem with this system is that the recording level on the tape recorder has to be decreased as the gap between the wall and speaker/microphone diminishes.



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