

Shifty Phase Adaptor

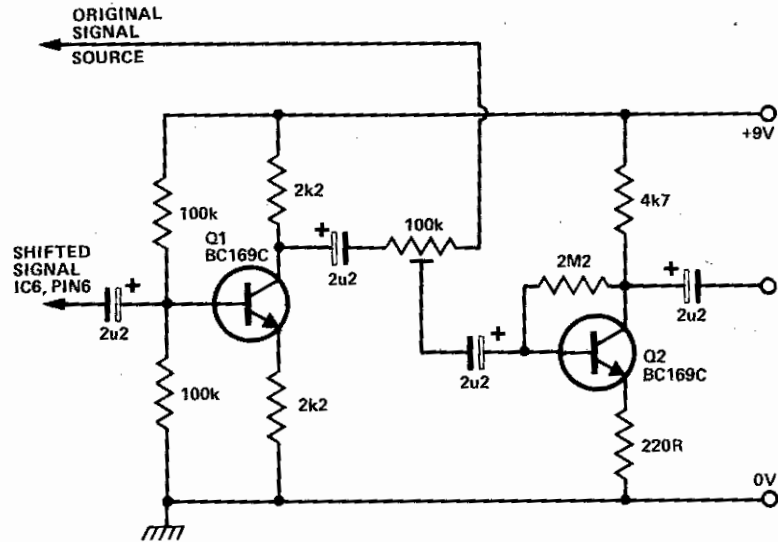
Q. Rice.

This circuit can be used in conjunction with the Audio Phaser from December's ETI, or with any other phasing unit for that matter. The circuit provides a complementary (antiphase) shifted waveform which is mixed with the original waveform and amplified.

When this is fed through stereo speakers, it provides the ear with some very peculiar sounding phase information.

At slow speeds, the effect is very much like panning, except that the image is ambient irrespective of the position of the listener. At higher frequencies, where actual frequency shift occurs, a delayed tremelo effect is obtained.

This phase or frequency shifted panning would be most useful in stereo PA systems where the only place where all of the instruments can be heard is in the middle of the dance floor!



Tech-Tips is an ideas forum and is not aimed at the beginner. We regret we cannot answer queries on these items.

ETI is prepared to consider circuits or ideas submitted by readers for this page. All items used will be paid for. Drawings should be as clear as possible and the text should preferably be typed. Circuits must not be subject to copyright. Items for consideration should be sent to ETI TECH-TIPS, Electronics Today International, 25-27 Oxford St., London W1R 1RF.