



The test system consist of two units, the signal generator and the detector. The Canford Audio phase check system allows fast testing of the polarity of acoustic transducers, microphones and electronic devices. Sophisticated signal processing allows fast and accurate determination of the absolute polarity, unimpaired by passive crossovers or signal waveform distortions produced by the device under test.

To check acoustical or electrical phasing, the generator is connected to the input of the device under test, and the detector to the output signal. Subsequent signal processing enables the detector to decide whether the device under test reverses signal phase or not. The result of the test procedure is displayed via two LED's, the green one indicating 'in phase' and the red one indicating 'out of phase' condition. Due to the versatile input/output structure of both the generator and the detector, any combination of acoustical and electrical input and output may be evaluated.