
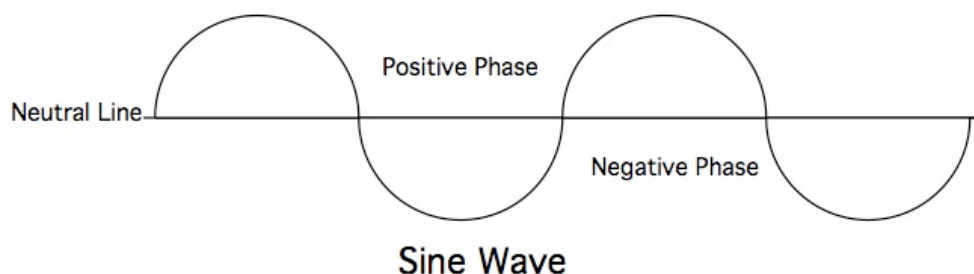


phase

Phase, as the term is used in audio, usually refers to [loudspeaker](#) hookup. In a stereo system, the two loudspeakers should be working in tandem, their cones pushing and pulling at the same time, rather than working against each other. When this condition holds true, the two speakers are said to be acoustically in **phase**. Conversely, when one speaker pushes forward while the other pulls back, the speakers are out of **phase**, which usually causes loss of [bass](#) and uneven [sound](#). When speakers are out of **phase**, the situation can easily be corrected by reversing the connections to one of the speakers. [Fantel, Hans; The True Sound of Music - A Practical Guide to Sound Equipment for the Home; 1973, E. P. Dutton & Company, Inc., New York]

"**Phase** in sinusoidal functions or in waves has two different, but closely related, meanings. One is the initial [angle](#) of a sinusoidal function at its origin and is sometimes called **phase offset** or **phase difference**. Another usage is the fraction of the wave cycle which has elapsed relative to the origin." [Wikipedia, Phase](#) 



Keely

Newton, who scoffed at [Epicurus](#)'s idea that "[gravitation](#) is [essential](#) and [inherent](#) in [matter](#)," asserted that [gravity](#) must be caused by an [agent](#) acting, constantly, according to certain [laws](#). [Heat](#), [gravity](#), [light](#), [electricity](#), [magnetism](#), [chemical affinities](#), are all different **phases** of the [primal force](#) discovered by [Keely](#), and all these [forces](#), it is said, can be obtained from a single [ray](#) of [sunlight](#). "The [evidence](#) of [unity](#) or [oneness](#) even between the [physical](#), [vital](#), [mental](#), and [spiritual](#) is seen in the light of this [law of correlation](#)," says J. J. Smith. "A great [portion](#) of our [muscles contract](#) and [relax](#) in [obedience](#) to our [wills](#), thereby proving that the [mental force](#) can be, and is, in every such instance actually [converted](#) into the muscular or the [physical](#)." [Keely](#) demonstrates the [truth](#) of this [assertion](#), claiming that "[all forces](#) are [indestructible](#), [immaterial](#), and [homogeneous entities](#), having their [origin](#) and [unity](#) in one great [intelligent personal will force](#)." [The Key to the Problems. - Keelys Secrets]

A measurement of the timing relationship between two signals, or between a specific [vibration signal](#) and a once-per-shaft-revolution event (Keyphasor). [Bentley Nevada Corporation; Field of Rotating Machinery Measurement, Monitoring and Analysis]

Relationship between [waveforms](#) at any moment in [time](#). [Friend, David; Learning Music with Synthesizers; Hal Leonard Publishing Corporation, 1974]

Schauberger

the [alteration](#) of the above [fermentation](#) process at its most [fundamental phase](#). To make this even clearer: [Allotropic oxygen conformations](#) are liberated through [pressure-](#) and [heat-intensifying](#) dynamic [effects](#) or [volume-enlarging thermal influences](#), because the [fat-concentrates](#) with opposite [polarity](#) become [inactive](#) and are maintained in a [passive state](#) under such influences. This results in the inner [fission](#) ([dissociation](#)) of the previously internally [interconnected](#) and highly [evolved](#), therefore extremely [pressure-](#) and [heat-sensitive trace-](#)

elements, which like yeasts initiate the process of raw-material transformation - the fermentation process described above. [The Energy Evolution - Harnessing Free Energy from Nature, Cadaverine Poison in Ray-Form - Ptomaine Radiation]

See Also

Berry phase

Figure 8.10 - Each Phase of a Wave as Discrete Steps

Figure 8.11 - Four Fundamental Phases of a Wave

Figure 8.2 - Compression Wave Phase Illustration

Figure 9.10 - Phases of a Wave as series of Expansions and Contractions

Figure 9.14 - Wave Flow and Phase as function of Particle Rotation

Figure 9.5 - Phases of a Wave as series of Expansions and Contractions

phase conjugation

Phase Velocity

subdivision

9.26 - Orbital Phases