

AMPLITUDE

Meaning: Amplitude is the maximum extent of a sound wave's vibration or oscillation, which determines its perceived loudness.

1. The amplitude of the sound wave determines how loud it is perceived by the human ear.
2. In physics, amplitude refers to the maximum extent of a vibration or oscillation.
3. As the tides rise and fall, the amplitude of each wave can vary dramatically.
4. The researchers measured the amplitude of the seismic waves to assess the earthquake's impact.
5. A higher amplitude in a musical note usually results in a richer sound.
6. The experiment aimed to study how changes in amplitude affect the behavior of the particles.
7. Understanding the amplitude of the signals can help improve communication systems.
8. The graph illustrated the amplitude of the electromagnetic waves over time.
9. Changes in the amplitude of a heartbeat can indicate underlying health issues.
10. In the context of waves, amplitude is often associated with energy and intensity.

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