

https://youtu.be/_xZZt99MzY



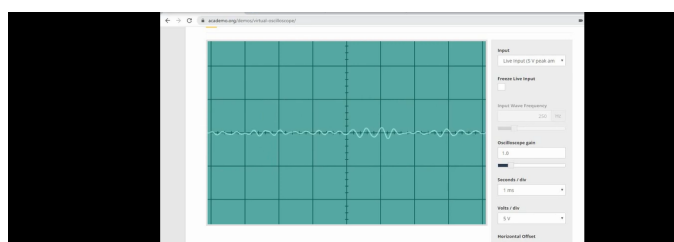
Sound Properties (Amplitude, Period, Frequency, Wavelength) | Physics | Khan Academy

[20Hz to 20kHz \(Human Audio Spectrum\) \(youtube.com\)](https://www.youtube.com/watch?v=20Hz-to-20kHz)



[Why can't we hear sound in space? | #aumsum #kids #science #education #children \(youtube.com\)](https://www.youtube.com/watch?v=Why-cant-we-hear-sound-in-space?)





[Measuring Sound Frequency with an Online Oscilloscope](#)
YouTube · 10.5K views · Apr 18, 2020 · by Tommy Technetium Teaching

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[Virtual Oscilloscope | Academo.org - Free, interactive, education.](#)



Oscilloscope- is a device that shows sound waves on a screen. They record them vertically so its easier to see but remember that sound is longitudinal.

Amplitude



Sound waves can have different amplitudes or loudness. The waves can be big or small. Big sound waves are louder and have higher amplitudes. Small waves are softer and have a low amplitude.

If you increase amplitude you make it louder

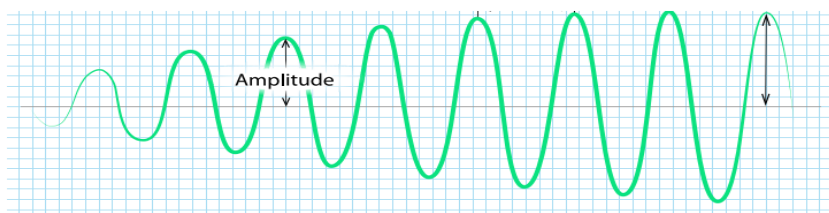
(Ex. Turn up volume)

(high Amplitude = louder sound)

If you decrease amplitude you make it softer

(Ex. Turn down volume)

(Small Amplitude = softer sound)



(amplitude is the loudness, and decibels measure the loudness/ amplitude)

