

Agenda

- ▶ Sound and its journey
- ▶ Digital sound wave
- ▶ Time domain vs frequency domain
- ▶ Quantifying sound
 - Physical property
 - Perceptual property

Sound

- ▶ Physical definition
 - A **vibration** that propagates as an **acoustic wave**, through a transmission medium such as a gas, liquid or solid.
- ▶ Psychophysical definition
 - ***Reception*** of such acoustic waves and their ***perception*** by the brain.

