Mikrofoni

Zvok v zraku

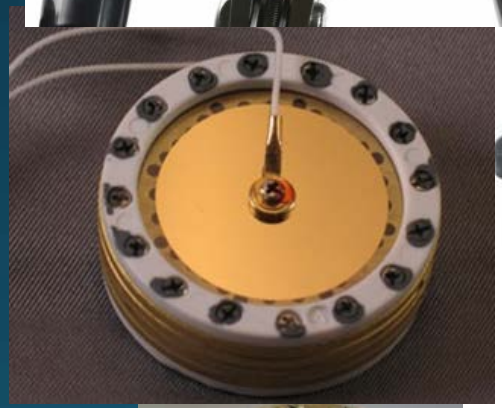
- Zvok, ki ga slišimo →
  → jakost od $10^{-12}\ W/m^2$ do $1\ W/m^2$
- Zgoščine in razredčine →
  → pritisk od $28{,}7 \cdot 10^{-6}\ N/m^2$ do $28{,}7\ N/m^2$
- Molekule nihajo →
  → amplituda od $12 \cdot 10^{-12}\ m$ do $11 \cdot 10^{-6}\ m$
- Frekvenčni razpon zvoka →
  → frekvenca od $20\ Hz$ do $20 \cdot 10^3\ Hz$

Sound Levels

Source of Sound	β (dB)
Nearby jet airplane	150
Jackhammer; machine gun	130
Siren; rock concert	120
Subway; power lawn mower	100
Busy traffic	80
Vacuum cleaner	70
Normal conversation	60
Mosquito buzzing	40
Whisper	30
Rustling leaves	10
Threshold of hearing	0

- Podatki iz: Servay Jevett, Physics for scientist and engineers, 9. izdaja

Vrste mikrofonov



Principi delovanja