

What is the SI unit of sound?

- A. Ampere
- B. Kelvin
- C. Candela
- D. Decibel

Show Answer...

Correct Answer: D (Decibel)

Explanation:

Sound is a form of energy that travels through various mediums like air, water, and solids. It can be measured using a unit called the decibel (dB), which is the standard unit for sound intensity. The decibel is used to measure the sound level or the amount of sound energy in a given area.

- What is the SI unit of sound?

The decibel scale is logarithmic and was named after Alexander Graham Bell. It is used to express the ratio between two sound intensities, and the reference intensity is typically the threshold of human hearing, which is approximately 0.00002 Pascals.

Other SI units, like the Ampere, Kelvin, and Candela, are not used to measure sound. The Ampere is used to measure electric current, Kelvin is used to measure temperature, and Candela is used to measure luminous intensity.

In summary, the SI unit of sound is the decibel, which is used to measure sound intensity. Other SI units like Ampere, Kelvin, and Candela are not used to measure sound.