

MICROPHONICS

Meaning: Microphonics refers to the phenomenon where mechanical vibrations or acoustic noise cause fluctuations in the electrical signals of sensitive electronic devices, impacting their performance and stability.

1. Microphonics can significantly affect the performance of high-precision instruments.
2. Researchers are studying microphonics to improve the stability of quantum devices.
3. In the world of audio technology, managing microphonics is crucial for maintaining sound clarity.
4. The presence of microphonics in electronic circuits can lead to unwanted noise and interference.
5. Engineers are developing new materials to reduce microphonics in sensitive measurement systems.

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