

CARDIOID

Meaning: Cardioid: a heart-shaped curve or pattern that describes a sound pickup characteristic primarily from one direction in microphones or is mathematically represented as the path traced by a point on the circumference of a circle as it rolls around another circle of the same radius.

1. The microphone was designed with a cardioid pattern to capture sound primarily from the front.
2. In mathematics, a cardioid can be represented as a heart-shaped curve traced by a point on the circumference of a circular wheel.
3. The engineer explained how the cardioid configuration minimizes background noise in recording environments.
4. Her artistic interpretation of a cardioid shape was both unique and visually striking.
5. During the lecture, the professor demonstrated how the cardioid function relates to sound wave patterns.
6. The cardioid polar pattern is ideal for live performances where feedback control is crucial.
7. In acoustics, the cardioid design helps in achieving clearer audio by focusing on the source direction.
8. The graph displayed a cardioid function that beautifully illustrated its properties in polar coordinates.
9. They used a cardioid microphone to ensure their podcast recordings had the best sound quality possible.
10. The research paper detailed the mathematical derivation of the cardioid and its applications in engineering.

Source: sentences.whatistheurl.com

<https://sentences.whatistheurl.com/sentence/cardioid>