

Make to Learn



Transmission of a Vibration to a Speaker

A monochord consisting of single bass guitar string is connected to a speaker.

- a. Pluck the monochord string. Watch the movement of the string and the speaker cone together as they vibrate.



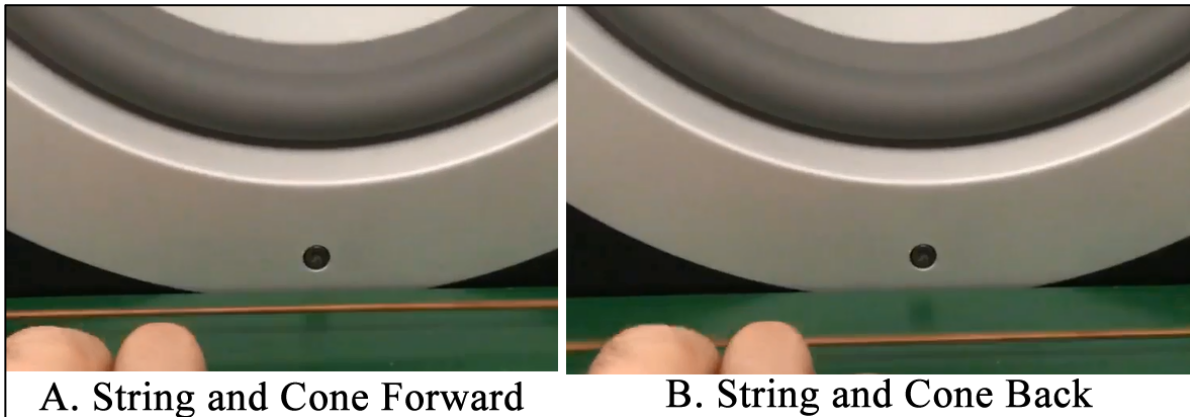
- b. Place your fingers on the edge of the subwoofer cone as you pluck the monochord string a second time. Observe what you feel as the speaker diaphragm moves back and forth.
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Slow Motion Video of Vibrating String

- Play the slow motion video of the monochord string and the speaker diaphragm vibrating.



- Observe the relative positions of the guitar string and the speaker cone as they move back and forth.
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