Move until Sound: Clapper Challenge

Move until Sound Challenge
In this challenge, you must program your robotic vehicle to start driving when someone claps, then stop with a second clap.

Rules and Procedure
1. Write a program that creates the following behavior:
   - The robot begins stationary, and stays that way until...
   - You clap.
   - The robot starts moving, and doesn't stop until...
   - You clap again.
   - The robot stops.
2. Beat the challenge by demonstrating this behavior!

Hints
- A clap looks like a large spike in sound volume.
- A spike is composed of two parts: a sharp rise, and a sharp drop in volume.
- Make sure the first clap is done before you start listening for the second one!
- You may need to account for the difference in "quiet" levels when the robot's motors are running vs. still.