

I have a clock in my office that uses an oscillating wand with LEDs on it that it uses to display the time. It contains a microcontroller that runs the clock.

1. How would you use the controller to control the freq and amplitude of the wand oscillator.
2. How do you sync the timing of the display to the position of the wand (where does the sensor need to be place).
3. Please make the timing of the dots on the display all the same size.