



Sound Installation
Jeff Thompson
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SIMPLE SQUARE WAVE OSCILLATOR

This device generates a very loud square wave (either on or off, 1 or -1, very quickly) from a cheap integrated circuit (IC) and a few other components.

I have also added a light-dependent resistor (also called a LDR, or light-sensitive resistor) between the output of the oscillator and the speaker so that light levels will control the volume of the tone, a basic way of sensing human presence.

Based on a project from Nicolas Collins' excellent book "Handmade Electronic Music".