



Requires SC-300

### Light Controlled Oscillator

Build the circuit to the left. Then, go into a well-lit room, and set the slide switch (S1) to “on.” You should hear a low pitched voice, caused by the Photo resistor (RP) to be connected to points 4-A and 3-C. These two points on the Power Amplifier IC (U4) will oscillate if connected, explained in project 241. The photo resistor’s function is to let current pass through if it detects light. If something hovers over the photo resistor in this circuit, therefore blocking it from detecting any light, you should hear the low pitched sound gradually get higher. In some cases, the sound may get so high, you won’t hear it.

This circuit was created by  
Dee.