

The transmitters has a light sensor, which be activated by any motion it detects. This sensor then sends an encoded signal that will activate the 49 MHz crystal oscillator. The transmitter uses a Pulse amplifier with a duty cycle from 50 to 60 percent. The transmitter will active for only 1 second and then activate until motion is re-detected.

A child takes the 3 light sensor / transmitters and sets them in various locations within a house, playground, etc. When these units are turned on, they have the ability to sense the motion of person who is walking by within 3 to 5 feet of the unit. When one of the motion sensors is tripped, it sends an RF signal to the receiver unit.

The child, who is on some sort of spy mission, has the receiver unit with him and can see which sensor has been tripped. Each sensor sends a different message to the receiver, and the receiver speaker will say "sensor 1", "sensor 2", or "sensor 3". Based on the location of each sensor, the kid knows where the person who may catch him is.