plug into the endless possibilities of Bluetooth home ottonation

Features:

current
Bluetooth pair/connect
Our app allows the user to pair and connect with our device from within our Android app.
On/Off, Full wave dimming
The device allows the user to turn on and off appliances and has the added capability of dimming incandescent light bulbs.

future
Power measurement
The otto will constantly monitor the AC power being consumed by appliances and lights that are plugged into it and push this information to your smartphone over Bluetooth.
Proximity
Using the signal strength between the otto and the smartphone, our app can detect the distance between your smartphone and the otto. This feature can be exploited for a variety of uses including turning on/off appliances when the user leaves their room or house.

otto:
The otto is a plug and play home automation device that allows users to control their lights and appliances through their smartphone over Bluetooth. These plugs are an open-source platform for developers to build iPhone and Android apps for controlling your lights and appliances in a completely unique way. Unlike other home automation devices, the otto is completely customizable, requires no installation, and is affordable on any budget.

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software
-Android 2.2
-IOS X
-Arduino

hardware
-ATMega328p microcontroller
-Bluetooth 2.1 +EBR

Block Diagram