

# Arduino Light Senseing Sound System

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May 2017

In recent years home comfort and convenience have become major focuses for technological innovation. With the recent move for home systems such as applications for smart devices that control heating systems [1], pots that automatically water houseplants [2], and smart solar panel blinds that follow the sun [3], innovation for everyday home life has become a competitive market. Recently, researchers at Indiana University introduced a new exciting innovation to the fore that is sure to make waves in the industry.

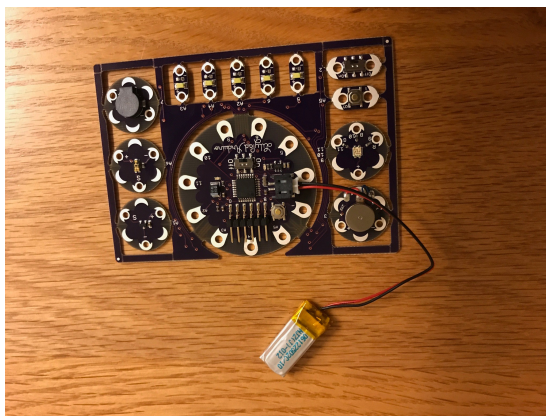


Figure 1: Music System Prototype

Disaiah Bennett et al. recently published a paper [4] on a prototype (shown in fig 1) they created for a smart music system for home use. The device uses a light sensor to detect when someone enters a room to activate the sound system without any hassle. [Here](#) is a video of the product in action! A mass predicable model is expected to be on store shelves by 2020.

## References

- [1] Britta O’Boyle. Considering smart heating? here are your current options, Apr 2015.

- [2] Robin Plaskoff Horton. 6 kinds of hydroponic gardening systems, Nov 2015.
- [3] Sage Lazzaro. These solar panel blinds will power your home and reduce your electric bill by 70%, May 2017.
- [4] Disaiah Bennett, Ciabhan Connelly, and Thomas Johnson. "wow this device is so cool", 2017. May 2017.