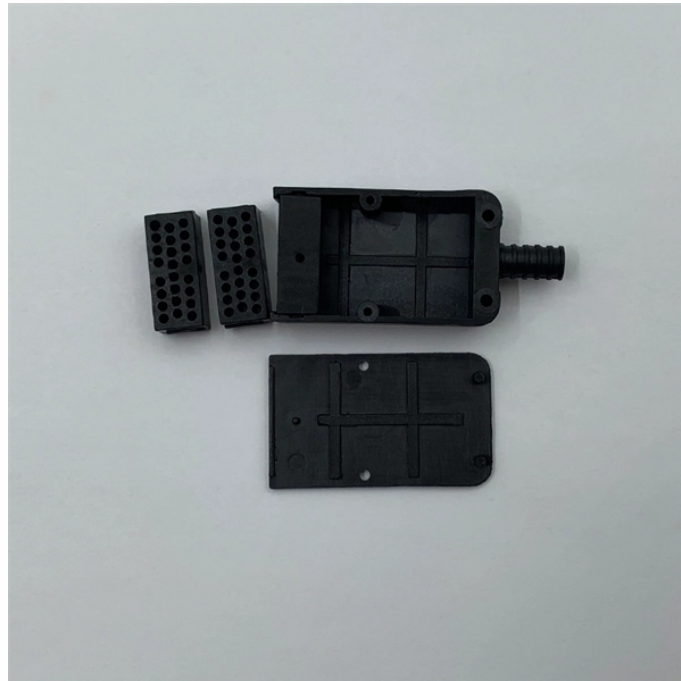


Demonstration of Voice-Controlled Module Light-Controlled Module and Lamp



Overview

This project uses an Arduino UNO, a relay module, and an electret microphone amplifier to create a voice-activated smart light system. The microphone detects sound, which the Arduino processes to control the relay, turning a 220V bulb on or off. Students across India are building similar projects for science fairs, college submissions, and personal use. A kit is available from our partner Home Science. Turn Your Voice into Magic: Control LEDs with Simple Voice Commands! Ever wanted to feel like a wizard, controlling lights with just a word?

With our Bluetooth Project, you can do just that! This exciting and straight forward tutorial will show you how to control an LED using voice commands, all. Complete the assembly of the voice-controlled light, master the assembly and connection methods of the light module, lamp holder structure, and voice recognition sensor, and realize the control of the light's on/off, brightness adjustment, and color switching (if using a color light) through voice.

Controlling electronics with voice commands is one of the most exciting applications of IoT and embedded systems.

Demonstration of Voice-Controlled Module Light-Controlled Module



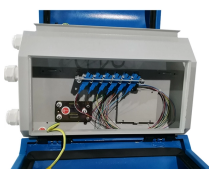
Make your own voice-activated lamp or other appliance using an Arduino in this fun engineering project.



At first, I had a notion that it must be such a difficult job - controlling things just by giving voice commands ! Uhh... it seemed that only the experts & nerds could do it !



Build a voice-controlled light and control its on/off status via voice commands.



Build a voice controlled lights system with Arduino and HC-05 Bluetooth. Step-by-step STEM project guide with code, circuit diagrams, and competition tips.



This project aims to allow the users to control their lighting system via voice control, thus allowing for a hands-free system. We can remotely control a red LED as well as a small lightbulb with just the ...



In this project, you'll learn how to build a voice-controlled LED system using an Arduino Uno, an HC-05 Bluetooth module, and a mobile app to send commands via Bluetooth.



Explore comprehensive documentation for the Arduino-Based Voice-Activated Smart Light with Relay Control project, including components, wiring, and code. This project uses an Arduino UNO, a relay ...



Project description Ever wanted to feel like a wizard, controlling lights with just a word? With our Bluetooth Project, you can do just that! This exciting ...



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It covers planning the voice control system, selecting appropriate components, and detailed instructions for setting up and using two specific modules: the Elechouse Voice Recognition Module V3 and the ...



In this tutorial, we build a voice-controlled LED system using the ESP32-S3-BOX-3 development board, combining wake word detection, speech recognition, touch interface, and audio ...

Contact Us

For more information, pricing, or custom solutions, please contact us:

Website: <https://www.indzawo.co.za>

Email: sales@indzawo.co.za

Phone: +27 71 296 8473

Address: 22 Quantum Street, Midrand, 1685, Gauteng, South Africa

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