

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



Overview

Want to control your home appliances using just your voice?

☐☐ In this video, I will show you how to use a DFRobot Voice Recognition Module with Arduino and a 2-Channel Relay Module to control a light and fan with voice commands! ☐☐☐☐ ☐ Components Used: Arduino Uno. Want to control your home appliances using just your voice?

☐☐ In this video, I will show you how to use a DFRobot Voice Recognition Module with Arduino and a 2-Channel Relay Module to control a light and fan with voice commands! ☐☐☐☐ ☐ Components Used: Arduino Uno. In this project, you will learn how it works. You will build your own smart home device to control an appliance with voice commands using an Arduino®. However, instead of using 3 separate colored LEDs, I used a multicolor 4-channel RGBW LED Emitter. I had the opportunity of working at LED Engin last summer. This smart home STEM project combines speech recognition, Arduino programming, and relay control to create a genuinely useful home automation system. Students across India are building similar projects for science fairs, college submissions, and personal use.

Article Content

praveensg0/Voice-Control-Arduino

Voice-Controlled LED Bulb and More with Arduino and Python This project demonstrates how to control an LED bulb and other devices using voice

Using the Voice Recognition Module V3 with Arduino

In this article you will learn how to use the Voice Recognition Module V3 to control a light with your voice. The Voice Recognition Module V3 is – as its

How to Control LEDs with Voice recognition.

Voice recognition V3 module is a sound control module which can recognize and respond to specific voice commands. The module can be used with Arduino Nano to create voice-controlled projects.

Voice-Controlled Light System for Smart Home

This project is a simulation of a voice-controlled light system for a smart home. With this system, you can control the lights in multiple rooms using voice commands

(PDF) Simple Light-sensitive and Voice-controlled

In this paper, LED lighting components and an Arduino-UNO development board are selected to build a simple voice-controlled and light

Smart Home STEM Project: Voice Controlled Lights

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

How to make a Voice-Controlled Room Light with

Hello and welcome back. In this project, we will learn how to make a voice-controlled room lighting system using the ESP32 DEVKIT V1 board. We

Voice Activated Home Automation: Control Made Simple

Voice activated home automation for easy living. Control lights, security, and more with your voice. Transform your home with smart, seamless

Building a Voice-Controlled Light Switch

This step-by-step guide covers the components, wiring, and programming needed to automate your home lighting with voice commands. Perfect for DIY enthusiasts and smart home

Elechouse Voice Recognition Module V3.1 and Arduino

This video shows how to use the Elechouse Voice Recognition Module V3.1 for voice commands with an Arduino. Use speech recognition to control hardware and appliances for your own smart home devices!

Voice Activated LED Lighting With Arduino

The idea is simple: I want a voice activated LED program that allow me to change the color by modifying the amount of red, green, blue and/or white LED in the

How To Make Voice Controlled Light

Introduction As technology advances, voice automation has become one of the most used technologies in our lives, be it at home, in the car or in the

AI-Based Voice-Controlled LED: A Fun Artificial Intelligence Project ...

What if you could turn on and off a light using just your voice? In this AI-Based Voice-Controlled LED project, kids will learn how artificial intelligence and voice recognition work by

Voice controlled AI Mood Lamp

Voice controlled AI Mood Lamp Give your microcontroller the ability to hear you and set the right mood lighting.

Arduino voice-activated LED control

One fascinating example is the ability to control LED lights using voice commands through an Arduino system. This voice-activated LED control

DIY Kit Voice Control Lamp LED Melody Light DIY

Create your own voice-controlled LED melody lamp with this DIY electronic kit. Perfect for those interested in electronics and DIY projects. Grab yours today

Voice Controlled Home Automation using Arduino and

Hello friends! Welcome back to ElectroDuino. This blog is base on Voice Controlled Home Automation using Arduino and HC-05 Bluetooth Module.

Intelligent Voice Control Lighting Device Based on

This article proposes a design scheme of an intelligent music light based on Arduino UNO MCU. The device integrates apart from the colored lamp

Voice Controlled Home Automation! | Voice Recognition Module

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Smart Home Automation: Voice-Controlled Light and Fan Control with ...

In this video, we'll guide you through the process of integrating the Voice Recognition V3 module to control your lights and fans using voice commands.

Simple Light-sensitive and Voice-controlled Lighting

This paper consulted the relevant information, chose sound and light control together, and set up a programmable delay LED lighting system. On the

DIY Arduino Voice Controlled Lamp | Science Project

This video provides an overview of how you can make your own voice-controlled appliance using an Arduino and a voice recognition module.

Bluetooth module LED voice control

commands to control LEDs to receive voice commands. We are using an "Arduino Bluetooth Voice Controller" android app which you can download from play store. The speech is received by a

Gtindi/voice_activation_light_system

The system utilizes an HC-05 Bluetooth module to wirelessly receive voice commands from a paired device. The Arduino processes these commands,

Arduino Voice Controlled Lamp

This document outlines the procedure for building a voice-controlled lamp using an Arduino and a speech recognition module. It covers planning the voice control

Bluetooth Project : Voice Controlled Led

Step 4: Pair and Control Open the Bluetooth terminal app on your smartphone, pair it with the HC-05 module. Follow the instructions in the video to setup the voice

Control lights by voice commands and keys

In this tutorial we will see how to create a device to control lights by voice commands, with a module from geeetech.

Contact Us

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