

Step Down Experiment



Kit Includes:

- **Project Kit**
- **9V Battery**
- **Print Short R**

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Documentation

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SKU: PH_SPE_113

Price:

Stock: instock

Categories: [Electronics](#), [General science](#), [Physics](#), [Projects](#), [School Project & Experiment](#)

Product Description



Storage Capacitor Electrolytic

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SKU: PH_SPE_114

Price:

Stock: instock

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Product Description



Structure o

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Support

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SKU: PH_SPE_152

Price:

Stock: instock

Categories: [Electronics](#), [General science](#), [Physics](#), [Projects](#), [School Project & Experiment](#)

Product Description

Structure o

Kit Includes:

- **Project Kit**
- **9V Battery**
- **Print Short R**

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Documentation

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Support

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SKU: PH_SPE_153

Price:

Stock: instock

Categories: [Electronics](#), [General science](#), [Physics](#), [Projects](#), [School Project & Experiment](#)

Product Description



Structure o

Kit Includes:

- **Project Kit**
- **9V Battery**
- **Print Short R**

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Documentation

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SKU: PH_SPE_151

Price:

Stock: instock

Categories: [Electronics](#), [General science](#), [Physics](#), [Projects](#), [School Project & Experiment](#)

Product Description



Switching A

Kit Includes:

- **Project Kit**
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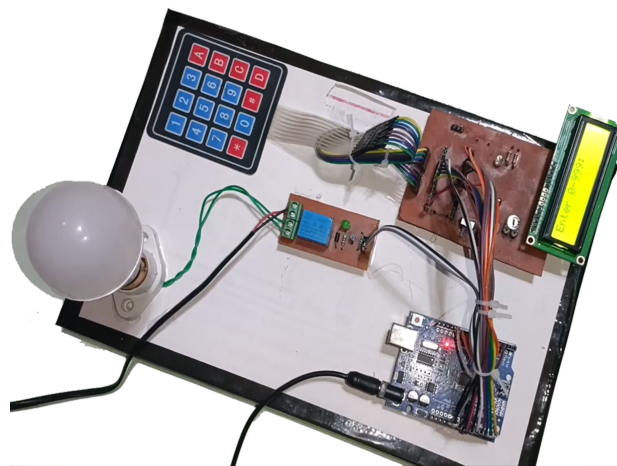
SKU: PH_SPE_118

Price:

Stock: instock

Categories: [Electronics](#), [General science](#), [Physics](#), [Projects](#), [School Project & Experiment](#)

Product Description



Testing Life Arduino

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Delivery Time

- **Handling Period** : 1-2 Days
- **Transit Time** :3-5 Days (Approx.)
- **Delivery Time** : Handling Period + Transit Time (4-7 Days Approx.)

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SKU: PH_EP_141

Price: ~~₹5,000.00~~ Original price was: ₹5,000.00. ₹
2,300.00 Current price is: ₹2,300.00.

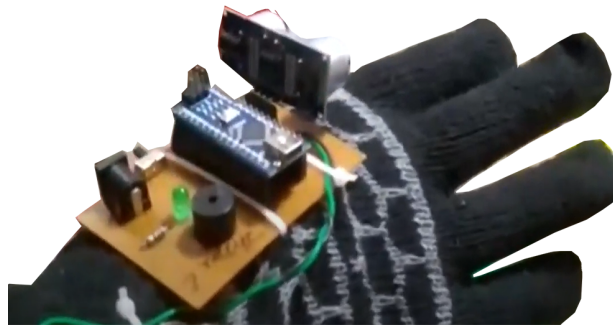
Stock: instock

Categories: [Arduino](#), [Engineering project](#), [Projects](#)

Tags: [Arduino Project](#), [destiny lab](#), [dret](#), [electrical and electronics engineering project](#), [electrical gadget](#), [electrical project](#), [electronic project](#), [engineering project](#), [free project idea](#), [Inspire Award project](#), [new project](#), [Project hub](#), [project hub bharat](#), [school project](#)

Product Description

Third Eye for Glove



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SKU: PH_EP_002

Price: ~~₹2,464.00~~ Original price was: ₹2,464.00. ₹1,454.00 Current price is: ₹1,454.00.

Stock: instock

Categories: [Arduino](#), [Engineering project](#), [Exhibition Models & Inspire Award](#), [Projects](#), [Technology & Innovation](#), [Wearable Technology](#)

Tags: [Accessibility technology](#), [Arduino coding](#), [Arduino project for students](#), [Arduino tutorial](#), [Assistive technology](#), [Educational projects](#), [Electronics engineering](#), [Engineering students](#), [Exhibition projects](#), [Innovation for the blind](#), [School projects](#), [Sensors and actuators](#), [Third Eye for the Blind](#), [Visually impaired](#)

Product Description

Abstract:

According to estimates from the World Health Organization (WHO) Prevention of Blindness and Deafness Program: About **285 million people** are visually impaired worldwide: 39 million are blind and 246 million have low vision. Now a days there are so many instruments and smart devices for visually impaired peoples for navigation but most of them have certain problems for carrying and the major drawbacks is those need a lot of training to use. So the aim of the project is to develop a cheap and more efficient way to help visually impaired to navigate with greater comfort, speed and confidence. **Existing Systems & their**

problems:

1. Blind sticks- May easily crack/break; the stick may get stuck at pavement cracks of different objects.
2. Smart devices (eg: Vision a torch for blinds)- **Cannot be carried easily**, needs a lot of training to use

Solution: To solve this problem we are going to make one of the best wearable technologies based innovative device which will detects nearby objects or obstacles and notify with buzzer & vibrators. This devices is called **“Third Eye for blind with Vibrator Glove”** This technology will resolves all the problems of existing technologies. This device will help the blind to navigate without holding a stick. Simply wear it as a

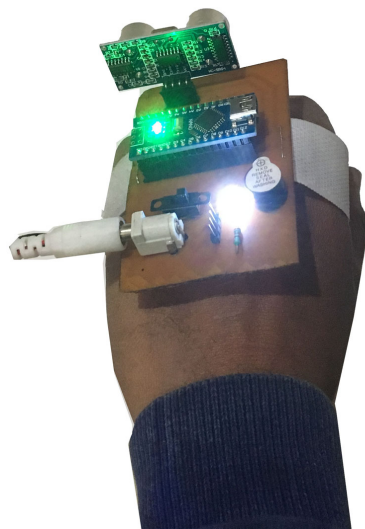
band or cloth and it can function very accurately and they only need a very little training to use it.

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Delivery Time

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- **Delivery Time** : Handling Period + Transit Time (4-7 Days Approx.)

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Price: ~~₹2,320.00~~ Original price was: ₹2,320.00.₹
1,369.00Current price is: ₹1,369.00.

Stock: instock

Categories: [Arduino](#), [Engineering project](#), [Exhibition Models & Inspire Award](#), [Projects](#), [Technology & Innovation](#), [Wearable Technology](#)

Tags: [Arduino IDE download](#), [Arduino programming tutorial](#), [Arduino project for students](#), [Assistive technology for the visually impaired](#), [Audio feedback device](#), [Electrical engineering project](#), [Electronics engineering project](#), [Engineering student projects](#), [Exhibition project](#), [Obstacle detection device](#), [School project ideas](#), [Third Eye for the Blind](#), [Ultrasonic sensors](#), [Wearable technology](#)

Product Description

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According to estimates from the World Health Organization (WHO) Prevention of Blindness and Deafness Program: About **285 million people** are visually impaired worldwide: 39 million are blind and 246 million have low vision. Now a days there are so many instruments and smart devices for visually impaired peoples for navigation but most of them have certain problems for carrying and the major drawbacks is those need a lot of training to use. So the aim of the project is to develop a cheap and more efficient way to help visually impaired to navigate with greater comfort, speed and confidence.

Existing Systems & their problems:

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2. Smart devices (eg: Vision a torch for blinds)- **Cannot be carried easily**, needs a lot of training to use

Solution:

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To assemble comprising (on/off) swi power sour

Kit Includes:

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Highlights Brand

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SKU: PH_SPE_60

Price:

Stock: instock

Categories: [Electronics](#), [General science](#), [Physics](#), [Projects](#), [School Project & Experiment](#)

Product Description



To Measure Current and Continuity of using a Mul

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- **Project Kit**
- **9V Battery**
- **Print Short R**

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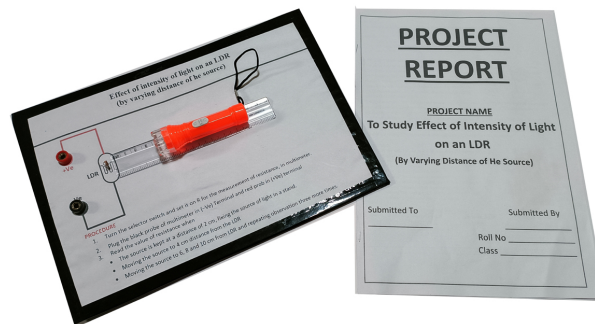
SKU: PH_SPE_63

Price: ~~₹988.00~~ Original price was: ₹988.00. ₹583.00
Current price is: ₹583.00.

Stock: instock

Categories: [Electronics](#), [General science](#), [Physics](#), [Projects](#), [School Project & Experiment](#)

Product Description



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SKU: PH_SPE_40

Price: ~~₹332.00~~ Original price was: ₹332.00. ₹196.00
Current price is: ₹196.00.

Stock: instock

Categories: [Electronics](#), [Physics](#), [Projects](#), [School Project & Experiment](#)

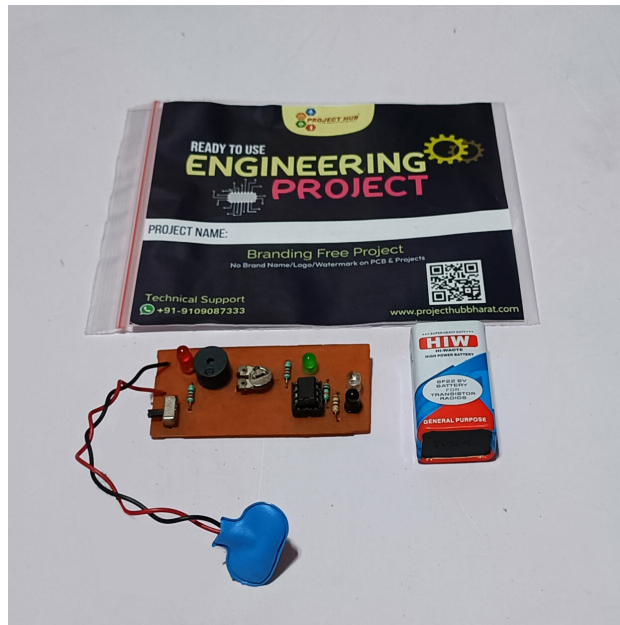
Tags: [class 12th science project and experiment](#), [new science project](#)

Product Description

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SKU: PH_EP_023

Price: ₹416.00 Original price was: ₹416.00. ~~₹245.00~~
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Stock: instock

Categories: [Engineering project](#), [IC & Transistor](#), [Mini Project](#), [Projects](#)

Product Description

INTRODUCTION:

We all have a doorbell at our homes. When a guest comes to our house, they search for the doorbell switch and then ring it to let us know their presence. If who came to our house and unable to find doorbell, else person is so short then they cannot find the doorbell in this case we need a solution that can find the presence of a person and rings the doorbell automatically. Here we are making an object sensing based “**Touch Less Doorbell**” using infrared transceiver pair and some locally available components. It can detect the presence of a person and then if the person is detected, the doorbell is automatically turned ON when the person is in-front of the door. The touchless doorbell project is designed to provide a contactless alternative for ringing doorbells, eliminating the need for physical buttons or switches. This project employs the LM358 IC, an IR receiver and transmitter pair, and a 10k preset. By utilizing infrared technology, the system detects hand gestures and triggers the doorbell, enhancing convenience and hygiene.

AIM:

The aim of this project is to develop a touchless doorbell system that enables users to ring the doorbell without physical contact. By using hand gestures to activate the doorbell, this project promotes cleanliness, especially in public spaces where multiple people may use the doorbell.

PRINCIPLE:

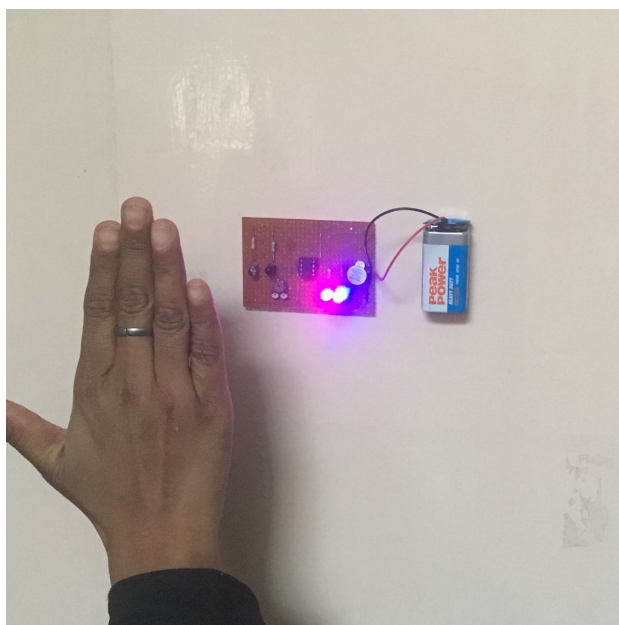
The touchless doorbell project operates on the principle of infrared sensing. Infrared light is emitted by the IR transmitter and detected by the IR receiver. When an object, such as a hand, interrupts the infrared beam between the transmitter and receiver, the system recognizes the gesture and activates the doorbell.

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SKU: PH_EP_090

Price: ~~₹400.00~~ Original price was: ₹400.00. ₹236.00
Current price is: ₹236.00.

Stock: instock

Categories: [Engineering project](#), [Exhibition Models & Inspire Award](#), [IC & Transistor](#), [Mini Project](#), [Projects](#), [Security](#), [Technology & Innovation](#)

Tags: [Arduino Project](#), [Contactless Doorbell](#), [DIY electronics](#), [Home Automation](#), [Home Security](#), [Infrared Motion Detection](#), [Internet of Things \(IoT\)](#), [Sensor Technology](#), [Smart Home Project](#), [Touch-Free Doorbell](#), [Touchless Doorbell](#), [Wireless Doorbell](#)

Product Description

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Aim:

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Principle:

The touchless doorbell project operates on the principle of infrared sensing. Infrared light is emitted by the IR transmitter and detected by the IR receiver. When an object, such as a hand, interrupts the infrared beam between the transmitter and receiver, the system recognizes the gesture and activates the doorbell.

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SKU: PH_SPE_119

Price:

Stock: instock

Categories: [Electronics](#), [General science](#), [Physics](#), [Projects](#), [School Project & Experiment](#)

Product Description



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Kit Includes:

- **Project Kit**
- **9V Battery**
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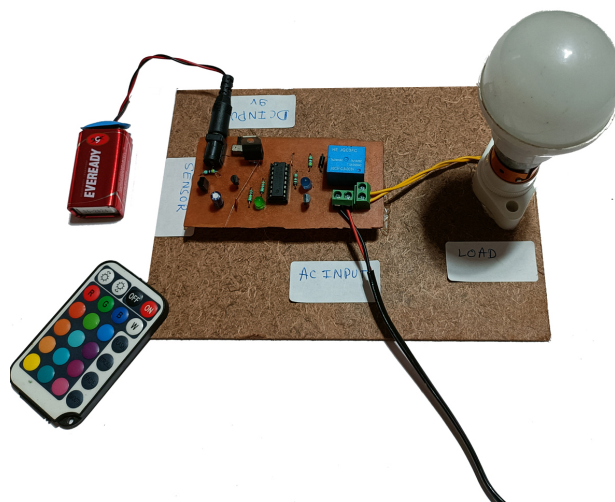
SKU: PH_SPE_120

Price:

Stock: instock

Categories: [Electronics](#), [General science](#), [Physics](#), [Projects](#), [School Project & Experiment](#)

Product Description



TV Remote Appliances

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SKU: PH_EP_032

Price: ~~₹1,248.00~~ Original price was: ₹1,248.00.₹
736.00Current price is: ₹736.00.

Stock: instock

Categories: [Engineering project](#), [IC & Transistor](#),
[Projects](#)

Tags: [Bluetooth-Enabled Appliances](#), [Home Automation Devices](#), [Remote-Controlled Cleaning Appliances](#), [Remote-Controlled Gadgets](#), [Remote-Controlled Kitchen Appliances](#), [Remote-Enabled Household Appliances](#), [Remote-Operated Climate Control](#), [Remote-Operated Home Gadgets](#), [Smart Home Devices](#), [Smart Home Entertainment](#), [Smart TV Compatible Appliances](#), [TV Remote Compatible Appliances](#), [TV Remote Control Appliances](#), [TV Remote Control Electronics](#), [Voice-Controlled Home Appliances](#), [Wireless Remote Appliances](#)

Product Description

ABSTRACT:

This project aims to control home appliances remotely using a TV remote, IC 4017, and relay module. The project utilizes the principle of infrared (IR) communication to receive signals from a TV remote and decode them to control various household appliances. The IC 4017 acts as a decade counter to sequence through different appliances, while the relay used for switching the appliances on and off. This project provides a cost-effective and efficient solution for remote appliance control without the need for complex microcontrollers like Arduino.

INTRODUCTION:

In this project, we explore the design and implementation of a TV remote-controlled system for home appliances. The system is designed to offer convenience and ease of use by allowing users to control multiple appliances using a single remote control.

AIM:

The main objective of this project is to develop a TV remote-controlled system that can remotely operate home appliances. The system should be able to receive IR signals from a TV remote control, decode them to identify the desired command, and trigger the appropriate appliance using IC 4017, PNP transistor, TSOP sensor, and relay module.

APPLICATION:

- Home automation: Control lights, fans, air conditioners, etc., with a TV remote control.
- Energy efficiency: Conveniently switch off appliances when not in use, reducing energy consumption.
- Accessibility: Enables individuals with mobility issues to control appliances without physical interaction.

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Highlights Brand

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PCB & Projects
- 100% Working
- Tested Project

Documentation

- Printed Short P
- Printable Soft c

Support

- Demo Video –

- Technical Support – WhatsApp@9109087333
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SKU: PH_SPE_107

Price:

Stock: instock

Categories: [Electronics](#), [General science](#), [Physics](#), [Projects](#), [School Project & Experiment](#)

Product Description



Two Input M equivalent c

Kit Includes:

- **Project Kit**
- **9V Battery**
- **Print Short R**

Available offers:

- **Free Shipping**
orders above P
- **Pay with UPI**
Discount./[Cou](#)
- **Special Bulk**
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- **Get Special D**
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Highlights Brand

- No Brand Nam
PCB & Projects
- 100% Working

- Tested Project & Activity kits

Documentation

- Printed Short Report
- Printable Soft copy of Project Report

Support

- Demo Video – **Embedded below**
- Technical Support – WhatsApp@9109087333
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[Read More](#)

SKU: PH_SPE_109

Price:

Stock: instock

Categories: [Electronics](#), [General science](#), [Physics](#), [Projects](#), [School Project & Experiment](#)

Product Description



Two Input M equivalent c

Kit Includes:

- **Project Kit**
- **9V Battery**
- **Print Short R**

Available offers:

- **Free Shipping**
orders above ₹
- **Pay with UPI**
Discount./[Cou](#)

- **Special Bulk Discounts** – for colleges, Schools, Companies and resellers. /[Contact Us](#).
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Highlights Branding Free Project / Activity kit

- No Brand Name/Logo/Watermark on Components, PCB & Projects
- 100% Working project
- Tested Project & Activity kits

Documentation

- Printed Short Report
- Printable Soft copy of Project Report

Support

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SKU: PH_SPE_110

Price:

Stock: instock

Categories: [Electronics](#), [General science](#), [Physics](#), [Projects](#), [School Project & Experiment](#)

Product Description



Two Input C equivalent C

Kit Includes:

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Companies an
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Highlights Brand

- No Brand Name
- PCB & Projects
- 100% Working
- Tested Project

Documentation

- Printed Short F
- Printable Soft

Support

- Demo Video –
- Technical Supp
- [Get Discount C](#)

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SKU: PH_SPE_108

Price:

Stock: instock

Categories: [Electronics](#), [General science](#), [Physics](#), [Projects](#), [School Project & Experiment](#)

Product Description



Tyndall Effect

Kit Includes:

- **Project Kit**
- **9V Battery**
- **Print Short R**

Available offers:

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Highlights Brand

- No Brand Nam
PCB & Projects
- 100% Working
- Tested Project

Documentation

- Printed Short F
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Support

- Demo Video –

- Technical Support – WhatsApp@9109087333
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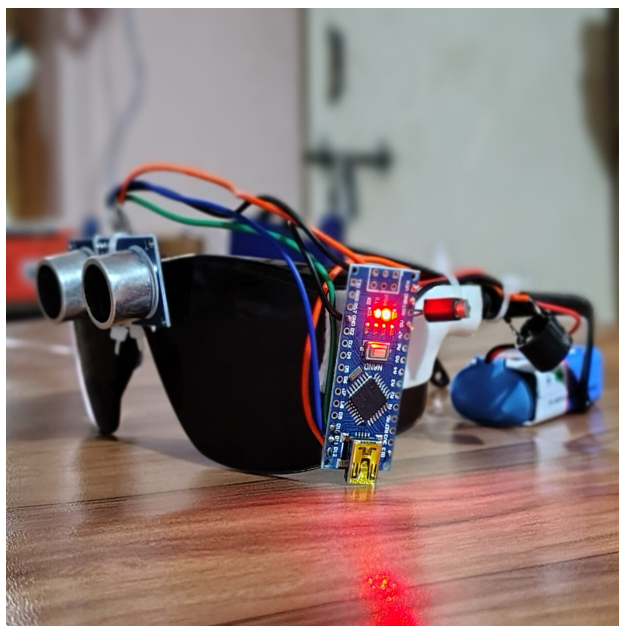
SKU: PH_SPE_124

Price:

Stock: instock

Categories: [Electronics](#), [General science](#), [Physics](#), [Projects](#), [School Project & Experiment](#)

Product Description



Ultrasonic C

Available offer

- **Free Shipping** above Rs999.
- COD available in above 999.
- Pay with UPI QR [Coupons](#)
- **Special Bulk D** Companies and
- Get Special Disc

Highlights

Branding Free Pr

- No Brand Name/ Projects
- 100% Working p
- Tested Project &

Documentation

- Free Project Synopsis – **Embedded below**
- Printed Short Report
- Printable Soft copy of Project Report

Support

- Demo Video – **Embedded below**
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[Click Here to Buy Do It Yourself Kit](#)

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SKU: PH_EP_019

Price: ~~₹2,308.00~~ Original price was: ₹2,308.00. ₹1,362.00 Current price is: ₹1,362.00.

Stock: instock

Categories: [Arduino](#), [Engineering project](#), [Exhibition Models & Inspire Award](#), [Projects](#), [Technology & Innovation](#), [Wearable Technology](#)

Tags: [Arduino IDE download](#), [Arduino programming tutorial](#), [Arduino project for students](#), [Assistive technology for the visually impaired](#), [Audio feedback device](#), [Electrical engineering project](#), [Electronics engineering project](#), [Engineering student projects](#), [Exhibition project](#), [Obstacle detection device](#), [School project ideas](#), [Third Eye for the Blind](#), [Ultrasonic sensors](#), [Wearable technology](#)

Product Description

INTRODUCTION:

According to estimates from the World Health Organization (WHO) Prevention of Blindness and Deafness Program: About **285 million people** are visually impaired worldwide: 39 million are blind and 246 million have low vision. To solve this problem we are going to make one of the best wearable technologies based innovative device which will detects nearby objects or obstacles and notify with buzzer. This devices is called “**Ultrasonic Glasses for the Blind**” Ultrasonic glasses for the blind are a technological solution designed to assist individuals with

visual impairments in navigating their surroundings more effectively. The glasses utilize ultrasonic sensors to detect obstacles in the environment and provide sensory feedback, such as vibrations or auditory cues, to help users avoid collisions. This technology aims to enhance the independence and safety of visually impaired individuals by improving their spatial awareness and reducing the risk of accidents.

PRACTICAL IMPLEMENTATION:

The practical implementation of ultrasonic glasses involves integrating ultrasonic sensors, microcontrollers (such as Arduino Nano), vibrating motors, and buzzers into a wearable device. The ultrasonic sensor detects objects in the user's path by emitting high-frequency sound waves and measuring the time it takes for the waves to bounce back. The Arduino Nano processes this information and triggers the appropriate feedback mechanism, such as vibrating motors to provide tactile cues or buzzers to provide auditory cues. The glasses can be customized to suit individual preferences and needs. They can be designed as a standalone device or integrated into existing glasses frames. The practical implementation also includes optimizing the sensor range, sensitivity, and feedback intensity to ensure accurate obstacle detection and effective communication of information to the user.

MARKET NEED OF ULTRASONIC GLASSES FOR THE BLIND:

The market need for ultrasonic glasses arises from the challenges faced by visually impaired individuals in their daily lives. People with visual impairments often encounter difficulties in navigating unfamiliar environments, detecting obstacles, and maintaining a sense of spatial awareness. Traditional mobility aids, such as canes or guide dogs, have limitations and may not provide comprehensive assistance in obstacle avoidance.

[Download Free Project Synopsis](#)

Working Video

Disclaimer:

This is a handmade complete working Models, Projects & Activity kits supported by rough study material to make a suitable projects report by the student. It is using Cardboard/Wooden base, Paper, Foam based board, stationary items, Electronic-Electrical Components, Mechanical & Scientific goods as per the requirement of a particular model. Colour of product and decoration item may be varying according to availability of material but we make ensure that we will

deliver the product with same working, structure and dimensions as describe in product description section.



Unidirectional a diode

Kit Includes:

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- **Print Short R**

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Highlights Brand

- No Brand Name
PCB & Projects
- 100% Working
- Tested Project

Documentation

- Printed Short F
- Printable Soft

Support

- Demo Video –
- Technical Supp
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SKU: PH_SPE_127

Price:

Stock: instock

Categories: [Electronics](#), [General science](#), [Physics](#), [Projects](#), [School Project & Experiment](#)

Product Description
