Breadboard with Male to Male Tag Connector

Instruction Book

Push Switch x 3

LED X 2

Transistor X 2

9V Battery & Cap with male connector X 1

Resistor x 3

DIY ALL LOGIC GATE KIT

Made with PosterMyWall.com

All Logic Ga
(DIY) kit on

Package Includ

Branding Free

- No Brand Nam
  PCB & Projects
- 100% tested p
- Tested Project

Documentation

- Free Project Sy
- Printed instruc
- Printable Soft
- PPT

Support

- Working Video
- Technical Supp
- Get Discount C

NOTE: THIS KIT R
TESTING SKILLS,
GOOD SOLDERING
ALSO BUY 'READY
TOPIC.

[Read More](#)

SKU: PH_EPK_02

Price: ~~₹400.00~~ Orig
Current price is: ₹3

Stock: instock

Product Description

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.

Anti-Sleep a
safety - DIY

Available offer

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

Highlights

Branding Free Pro

- 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**
- Technical Support – WhatsApp@9109087333
- Get Discount Coupon

NOTE: This Kit Includes Pre-programmed Arduino Board you don't need to upload code until you have to change anything.
NOTE: This kit required soldering & circuit testing skills, buy this kit if you have good soldering skills, otherwise you can also buy 'ready to use' project for same topic.

Click Here to Buy Ready to Use Kit.
Read More

SKU: PH_EPK_135

Price: ₹3,000.00 Original price was: ₹3,000.00.₹1,499.00Current price is: ₹1,499.00.

Stock: instock

Categories: Arduino, Engineering project kit (EPK), Exhibition Models & Inspire Award, Technology & Innovation, Transport

Product Description

Kit Includes :

- Electronic Parts (listed in product image)
- Circuit Diagram
- Project Code
- Printed Circuit Board (PCB)
- Printed Short Report

Prerequisite Requirements

Hardware :

1. Soldering Iron (Buy Now)
2. Soldering Paste (Buy Now)
3. Soldering Wire (Buy Now)
4. Soldering Stand (Buy Now)
5. Wire Cutter (Buy Now)
6. Screw Driver (Buy Now)

Software :

1. Arduino IDE (optional) - Download Now

Demo Video - How to Download Arduino IDE ?

Skills:

1. Arduino Programming (optional)
2. Soldering (Click Here for Free Tutorial)
3. Circuit Testing

ABSTRACT:

Creating an anti-sleep alarm with driver safety using an Arduino Uno involves building a system that can detect signs of drowsiness or inattentiveness in a driver and alert them to stay awake and focused. One common approach is to monitor the driver's eye movements and sound an alarm if signs of fatigue are detected. Here's a simplified overview of how you can create such a system

INTRODUCTION:

In an era where long commutes and extended road trips have become a common part of our lives, the issue of driver fatigue and drowsiness is a significant concern. Drowsy driving can lead to accidents with serious consequences. To address this critical safety concern, we have developed an Anti-Sleep Alarm system using an Arduino Uno SMD, an eye blink sensor, a 5V relay module, a BO motor, wheels, a buzzer, a 1-watt red LED, a 9V SMPS, and a 9V battery.

AIM:

The primary objective of this project is to create a robust and cost-effective system that detects

signs of drowsiness or inattention in a driver and promptly alerts them to stay awake and focused. The Anti-Sleep Alarm system is designed to enhance driver safety during long journeys and late-night drives.

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.

Arduino & U
Distance Me

- **Available o**

  - **Free Ship** orders abo
  - COD availa order abov
  - Pay with U Coupons
  - **Special Bu** Companies
  - Get Specia WhatsApp(

Highlights

Branding Free Project / Activity kit

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

Documentation

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

Support

- Demo Video – **Embedded below**
- Technical Support – WhatsApp@9109087333
- [Get Discount Coupon](#)

NOTE: This Kit Includes Pre-programmed Arduino Board you don't need to upload code until you have to change anything. **NOTE:** This kit required soldering & circuit testing skills, buy this kit if you have good soldering skills, otherwise you can also buy 'ready to use' project for same topic.

[Click Here to Buy Ready to Use Kit.](#)

[Read More](#)

SKU: PH_EPK_003

Price: ₹3,200.00 Original price was: ₹3,200.00.₹1,599.00 Current price is: ₹1,599.00.

Stock: instock

Categories: [Arduino](#), [Engineering project kit (EPK)](#), [Hobby DIY kits](#)

Tags: [Arduino Development](#), [Arduino Nano](#), [Arduino Projects](#), [Distance Measurement](#), [Distance Meter](#), [DIY

distance measurement with Arduino, DIY electronics, DIY Kits, Electronic Gadgets, Electronics Accessories, Engineering Projects, Measurement Tools, Prototyping Tools, Robotics Components, Sensor-based Projects, Ultrasonic Sensor

Product Description

Kit Includes :

- Electronic Parts (listed in product image)
- Circuit Diagram
- Project Code
- Printed Circuit Board (PCB)
- Printed Short Report

Prerequisite Requirements

Hardware :

1. Soldering Iron (Buy Now)
2. Soldering Paste (Buy Now)
3. Soldering Wire (Buy Now)
4. Soldering Stand (Buy Now)
5. Wire Cutter (Buy Now)
6. Screw Driver (Buy Now)

Software :

1. Arduino IDE (optional) - Download Now

Demo Video - How to Download Arduino IDE ?

Skills:

1. Arduino Programming (optional)
2. Soldering (Click Here for Free Tutorial)
3. Circuit Testing

INTRODUCTION:

The techniques of distance measurement using ultrasonic in air include continuous wave and pulse echo technique. In the pulse echo method, a burst of pulses is sent through the transmission medium and is reflected by an object kept at specified distance. The time taken for the pulse to propagate from transmitter to receiver is proportional to the distance of object. For contact less measurement of distance, the device has to rely on the target to reflect the pulse back to itself. The target needs to have a proper orientation that is it needs to be perpendicular to the direction of propagation of the pulses. The amplitude of the received signal gets significantly attenuated and is a function of nature of the medium and the distance between the transmitter and target. The pulse echo or time-of-flight method of range measurement is subject to high levels of signal attenuation when used in an air medium, thus limiting its distance range. Ultrasonic sensors are great tools to measure distance without actual contact and used at several places like water level measurement, distance measurement etc. This is an efficient way to measure small distances precisely. In this project we have used an **Ultrasonic Sensor** to determine the distance of an obstacle from the sensor. Basic principal of ultrasonic distance measurement is based on ECHO. When sound waves are transmitted in environment then waves are return back to origin as ECHO after striking on the obstacle. So we only need to calculate the travelling time of both sounds means outgoing time and returning time to origin after striking on the obstacle. As speed of the sound is known to us, after some calculation we can calculate the distance.

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.

Automatic N

AC Load -Dl

Available offer

- **Free Shipping**
  above Rs999.
- COD available in
  above 999.
- Pay with UPI QR
  Coupons
- **Special Bulk Di**
  Companies and r
- Get Special Disc

Highlights

Branding Free Pro

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

Documentation

- Free Project Syn
- Printed Short Re
- Printable Soft co

Support

- Demo Video – **En**
- Technical Suppo
- Get Discount Cou

Click Here to Buy R

Read More

SKU: PH_EPk_009

Price: ₹1,200.00 Original price was: ₹1,200.00.₹699.00Current price is: ₹699.00.

Stock: instock

Categories: Engineering project kit (EPK), Hobby DIY kits, IC & TRANSISTOR

Tags: AC Load Automation, Automated Lighting for Peaceful Nights, Automatic Night Light Control, Convenient Night Light Management, Easy-to-Install Night Light Sensor, Eco-Friendly Night Light Solution, Energy-Efficient Lighting Solution, Energy-Saving Night Light Automation, Enhance Sleep with Automatic Night Lighting, Hassle-Free Night Illumination, Home Automation for Night Lights, Save Energy with Night Light Control, Seamless Night Light Integration, Smart Home Night Light Control, Smart Night Light Sensor

Product Description

Kit Includes :

- Electronic Parts (listed in product image)
- Circuit Diagram
- Printed Circuit Board (PCB)
- Printed Short Report

Prerequisite Requirements

Hardware :

1. Soldering Iron (Buy Now)
2. Soldering Paste (Buy Now)
3. Soldering Wire (Buy Now)
4. Soldering Stand (Buy Now)
5. Wire Cutter (Buy Now)
6. Screw Driver (Buy Now)

Skills:

1. Soldering [(Click Here for Free Tutorial)](Click Here for Free Tutorial)
2. Circuit Testing

Abstract:

Automatic Night Light Control System is a simple yet powerful concept, which uses IC 55timer. By using this system manual works are 100% removed. It automatically switches ON lights when the sunlight goes below the visible region of our eyes. This is done by a sensor called Light Dependent Resistor (LDR) which senses the light actually like our eyes. It automatically switches OFF lights whenever the sunlight comes, visible to our eyes. By using this system energy consumption is also reduced because nowadays the manually operated Night lights are not switched off even the sunlight comes and also switched on earlier before sunset. In this project, no need of manual operation like ON time and OFF time setting.

Introduction

Night light controllers are smarter versions of the mechanical or electronic timers previously used for Night light ON-OFF operation. They come with energy conservation options like twilight saving, staggering or dimming. Also many Night light controllers come with an astronomical clock for a particular location or a Global Positioning System (GPS) connection to give the best ON-OFF time and energy saving. Automatic Night Light Control System is a simple and powerful concept, which uses IC 555 timer to switch ON and OFF the Night light automatically. By using this system manual works are removed. It automatically switches ON lights when the sunlight goes below the visible region of our eyes. It automatically switches OFF lights under illumination by sunlight. This is done by a sensor called Light Dependent Resistor (LDR) which senses the light actually like our eyes. By using this system energy consumption is also reduced because now-a-days the manually operated Night lights are not switched off properly even the sunlight comes and also not switched on earlier before sunset. In sunny and rainy days, ON time and OFF time differ significantly which is one of the major disadvantage of using timer circuits or manual. This project exploits the working of an IC 555 timer to switch ON and switch OFF the lights at appropriate time with the help of an electromagnetically operated switch. A Night light, lamppost, Night lamp, light standard, or lamp standard is a raised source of light on the edge of a road or walkway, which is turned on or lit at a certain time every night. Modern lamps may also have light-sensitive photocells to turn them on at dusk, off at dawn, or activate automatically in dark weather. In older lighting this function would have been performed with the aid of a solar dial. It is not uncommon for Night lights to be on poles which have wires strung between them, or mounted on utility poles. Automatic Night light needs no manual

operation of switching ON and OFF. The system itself detects whether there is need for light or not. When darkness rises to a certain value

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.

Automatic F
with Bidirec
Counter Do

Package Includ

Branding Free

- No Brand Nam
  PCB & Projects
- 100% tested p
- Tested Project

Documentation

- Free Project Sy
- Printed instruc

- Printable Soft copy of Project Report

Support

- Working Video – **Embedded Below**
- Technical Support – WhatsApp@9109087333
- Get Discount Coupon - WhatsApp@9303254433

NOTE: THIS KIT REQUIRED SOLDERING & CIRCUIT TESTING SKILLS, BUY THIS KIT IF YOU HAVE GOOD SOLDERING SKILLS, OTHERWISE YOU CAN ALSO BUY 'READY TO USE' PROJECT FOR SAME TOPIC. Click Here Buy Ready to Use Kit.
Read More

SKU: PH_EPK_030

Price: ₹4,000.00 Original price was: ₹4,000.00.₹ 1,999.00Current price is: ₹1,999.00.

Stock: instock

Categories: Arduino, Engineering project kit (EPK), Hobby DIY kits

Product Description

Kit Includes :

- Electronic Parts (listed in product image)
- Circuit Diagram
- Project Code
- Printable Hardcopy of PCB Layout for DIRECT PRINT (Thermal Transfer)
- Printed Circuit Board (PCB)
- Printed Short Report

Prerequisite Requirements

Hardware :

1. Soldering Iron (Buy Now)
2. Soldering Paste (Buy Now)

3. Soldering Wire (Buy Now)
4. Soldering Stand (Buy Now)
5. Wire Cutter (Buy Now)
6. Screw Driver (Buy Now)

Software :

1. Arduino IDE (Download Now)

Skills:

1. Arduino Programming
2. Soldering
3. Circuit Testing

Download Free Project Synopsis

Working Video

LASER Secu

555 timer-D

- **Available o**

  - **Free Ship**
    orders abo
  - COD availa
    order abov
  - Pay with U
    Coupons
  - **Special Bu**
    Companies

○ Get Special Discount Coupon –
WhatsApp@9303254433.

Highlights

Branding Free Project / Activity kit

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

Documentation

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

Support

○ Demo Video – **Embedded below**
○ Technical Support – WhatsApp@9109087333
○ [Get Discount Coupon](#)

NOTE: This kit required soldering & circuit testing skills, buy
this kit if you have good soldering skills, otherwise you can
also buy 'ready to use' project for same topic.

[Click Here to Buy Ready to Use Kit](#)
[Read More](#)

SKU: PH_EPK_005

Price: ~~₹720.00~~ Original price was: ₹720.00.[₹360.00](#)
Current price is: ₹360.00.

Stock: instock

Categories: [Engineering project kit (EPK)](#), [Hobby DIY](#)
[kits](#), [IC & TRANSISTOR](#)

Tags: [class 12th science project and experiment](#), [DIY](#)
[electronics](#), [Electrical engineering project](#), [Electronics](#),
[Electronics engineering](#), [ic based projects](#), [mini](#)

Product Description

Kit Includes :

- Electronic Parts (listed in product image)
- Circuit Diagram
- Printed Circuit Board (PCB)
- Printed Short Report

Prerequisite Requirements

Hardware :

1. Soldering Iron (Buy Now)
2. Soldering Paste (Buy Now)
3. Soldering Wire (Buy Now)
4. Soldering Stand (Buy Now)
5. Wire Cutter (Buy Now)
6. Screw Driver (Buy Now)

Skills:

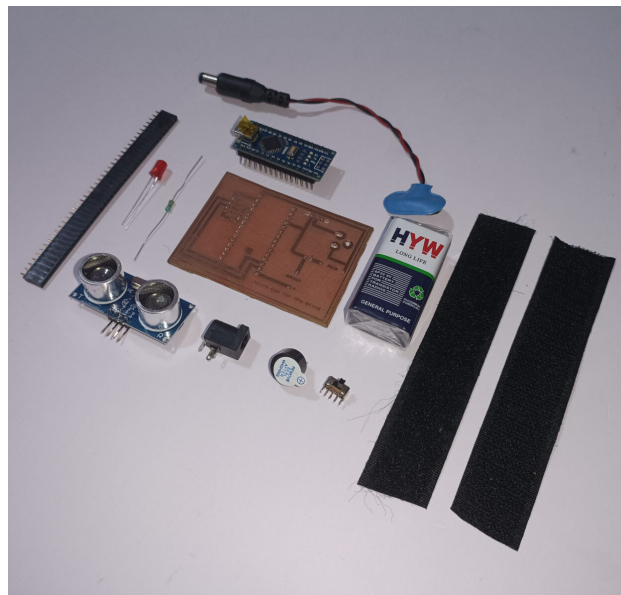1. Soldering (Click Here for Free Tutorial)
2. Circuit Testing

Abstract: A laser alarm system operates by projecting a beam of invisible laser light across a doorway or window opening. When the light is broken, it activates a buzzer or alarm. The principles are very similar to those of lower tech burglar alarms. **Theory:** This system for security uses the combination of LASER light and LDR. The LDR module has an onboard potentiometer to adjust the sensitivity of LDR, so that it only senses laser light falling onto it. The concept is quite simple and similar to what we see in movies where antique, priceless ornaments are protected under laser lights. As someone crosses these lights, an alarm runs on to indicate unauthorized presence. This project works similarly. In normal conditions, where there is always laser light falling on the LDR, the LDR module always gives a high signal to integrated circuit . When someone crosses this laser light, it will behave as an obstruction between the LDR module and laser light, resulting in no light falling on LDR. In such cases LDR module gives a low signal to the integrated circuit, which indicates it to switch on an alarm.

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.

Third Eye fo
Arduino-DIY

Available offer

- **Free Shipping** above Rs999.
- COD available in above 999.
- Pay with UPI QR Coupons
- **Special Bulk Di** Companies and i
- 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**
- Technical Support – WhatsApp@9109087333
- Get Discount Coupon

NOTE: This Kit Includes Pre-programmed Arduino Board you don't need to upload code until you have to change anything.
NOTE: This kit required soldering & circuit testing skills, buy this kit if you have good soldering skills, otherwise you can also buy 'ready to use' project for same topic.

Click Here to Buy Ready to Use Kit.
Read More

SKU: PH_EPK_001

Price: ₹3,000.00 Original price was: ₹3,000.00.₹ 1,299.00Current price is: ₹1,299.00.

Stock: instock

Categories: Arduino, Engineering project kit (EPK), Hobby DIY kits, 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

Kit Includes :

- Electronic Parts (listed in product image)
- Circuit Diagram
- Project Code
- Printed Circuit Board (PCB)
- Printed Short Report

Prerequisite Requirements

Hardware :

1. Soldering Iron (Buy Now)
2. Soldering Paste (Buy Now)
3. Soldering Wire (Buy Now)
4. Soldering Stand (Buy Now)
5. Wire Cutter (Buy Now)
6. Screw Driver (Buy Now)

Software :

1. Arduino IDE (optional) - Download Now

Demo Video - How to Download Arduino IDE ?

Skills:

1. Arduino Programming (optional)
2. Soldering (Click Here for Free Tutorial)
3. Circuit Testing

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 PERSON***" 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.

[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.

Touch less ‹
Sensor- DIY

Available offer

- **Free Shipping** ‹
  above Rs999.
- COD available in ‹
  above 999.
- Pay with UPI QR ‹
  Coupons
- **Special Bulk Di** ‹
  Companies and ‹
- Get Special Disc‹

Highlights

Branding Free Pro‹

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

Documentation

- Free Project Syn‹
- Printed Short Re‹
- Printable Soft co‹

Support

- Demo Video – **En**‹
- Technical Suppo‹
- Get Discount Cou‹

Click Here to Buy R‹

Read More

SKU: PH_EPK_090

Price: ₹400.00 Original price was: ₹400.00.₹350.00 Current price is: ₹350.00.

Stock: instock

Categories: [Hobby DIY kits](#), [IC & TRANSISTOR](#)

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

Kit Includes :

- Electronic Parts (listed in product image)
- Circuit Diagram
- Printed Circuit Board (PCB)
- Printed Short Report

Prerequisite Requirements

Hardware :

1. [Soldering Iron (Buy Now)](#)
2. [Soldering Paste (Buy Now)](#)
3. [Soldering Wire (Buy Now)](#)
4. [Soldering Stand (Buy Now)](#)
5. [Wire Cutter (Buy Now)](#)
6. [Screw Driver (Buy Now)](#)

Skills:

1. Soldering [(Click Here for Free Tutorial)](#)
2. Circuit Testing

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.

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.

TV Remote

Appliances-

Available offer

- **Free Shipping** above Rs999.
- COD available in above 999.
- Pay with UPI QR Coupons
- **Special Bulk Di** Companies and
- Get Special Disc

Highlights

Branding Free Pro

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

Documentation

- Free Project Syn
- Printed Short Re
- Printable Soft co

Support

- Demo Video – **Er**
- Technical Suppo
- Get Discount Co

Click Here to Buy R

Read More

SKU: PH_EPK_032

Price: ~~₹1,100.00~~ Original price was: ₹1,100.00.₹ 649.00Current price is: ₹649.00.

Stock: instock

Categories: Engineering project kit (EPK), Hobby DIY kits, IC & TRANSISTOR

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

Kit Includes :

- Electronic Parts (listed in product image)
- Circuit Diagram
- Printed Circuit Board (PCB)
- Printed Short Report

Prerequisite Requirements

Hardware :

1. Soldering Iron (Buy Now)
2. Soldering Paste (Buy Now)
3. Soldering Wire (Buy Now)
4. Soldering Stand (Buy Now)
5. Wire Cutter (Buy Now)
6. Screw Driver (Buy Now)

Skills:

1. Soldering [(Click Here for Free Tutorial)](#)
2. Circuit Testing

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.

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.