

Faculty Of Electrical Engineering

UiTM

Final Report of Diploma Project

(KEU380)

Remote Control With Timer

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Student 1: Hamir Bin Saon

2000607126

Student 2 : Ahmad Shamsul Bin Ishak

2000411697

Supervisor: Puan Siti Noraini

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ABSTRACT

This project name is 'Remote Control With Timer'. The project can be divided into three part such as transmitter, receiver and timer. The operation for remote control can be set by pressing the button to turn ON and OFF. The green button is used to turn ON the device. The device is contain timer circuit use to set OFF the operation of the load depend on time is set up by user. The transmitter can turn ON about 10 meter from the device. So this easier for user to turn ON the device without thinking to turn OFF it. This is because the device will be OFF automatically. The time to operate the device can be set up by user. The range of time is required in this timer for 0-10 minutes. So that the user can choose the range of time. The timer also can protect the device from operate for along time. This project is design to make it close to user, to ON and OFF their device at home.

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1.1 Introduction

This project is called 'Remote Control With Timer'. We want to show the two elements that we used to apply in our project 2 (KEU 380). The two elements are remote control and timer how it operate together.

Firstly is a remote control ,however we are know the name remote control is tell one device that control another device .Where the remote control 12V use to ON and OFF some product . Example where we show in market (lamp remote control ,fan remote control , act) but for this project we are use load as our product .

The second is timer, in this project we connect timer to the receiver as an addition in our project .Which the timer with operation using 12 V use to set the time of the load to operate in the certain time .Here ,we are used timer to ensure the safety of the product because the circuit will automatically OFF at a certain time set by user.

Other than objective is:

- To complete the requirement of course of (KEU 380) .
- To learn about how to do some projects .
- To make all electrical engineering students learn and understand about project circuit and it operation .
- To make sure project 2 (KEU380) that every engineering student must be deal in the last semester of diploma .
- Planned a good and complete project .
- Analyses the problem that have been faced in the project .
- Suggest a suitable solution .
- It's must be doing discussing with group .
- Write a final report .
- Present the project .
- Finish (KEU380) .