REMOTE CONTROL USING TELEPHONE LINE

MOHD ZAID BIN ZAKARIA 2002416637 MOHAMAD ZUHAIRY B. MOHAMED 2002416397

DEPARTMENT OF ELECTRICAL ENGINEERING MARA UNIVERSITY OF TECHNOLOGY PENANG CAMPUS

Acknowledgment

We feel very grateful to the Almighty because finally we can finish this project report for KEU 280

We want to thank to all people that have involved especially our supervisor Pn Shahilah who have help us and made it clear for us to finish this project. Pn Shahilah have dedicated a lot of her time and energy in helping us as a supervisor

We also want to thank to my buddies who have helped us to finish this project.

Not forget also the others who were involved in any tasks in this project, we very appreciate their helps

We hope the forgiveness if any undesirable mistakes in the process of completing this project. If any weaknesses and insufficient noticed in this project, we apologize

Abstract

This system connected to the telephone line to control any switch in the home from the outside. However, it unable to control many switch in the same time. The circuits of this device construct using many main ICs. These ICs play the important role to receive the input and produce the output in logic system either 1 or 0 to transistor.

The transistor act as the switch when receive high signal. Then the switch will be on and current from the source flow to the relay and the circuit will be in close loop. The circuit describe here can be used to switch up to 9 application .The digit 0 is used to toggle between the appliance mode and normal mode.

Thus the telephone can use to switch ON or OFF the appliances also while being used for normal conversation. Once the switching operation is over, digit 0 is dialed again.

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CHAPTER I

INTRODUCTION

1.1 Background

Many years ago, we just can control any switch in our home when we're inside. However today, since the development of technology becomes more advances, many device that control switch outside the home invented such as switch remote control using telephone line. This device helps us controlling switches in our home wherever we belong.

This device can gives us advantages such as saving our time and make our daily life easier. This device operates as ON/OFF switch in our home that connected via telephone line. So, if we want to switch ON/OFF any switch in our home, we just need to dial the key-pad.