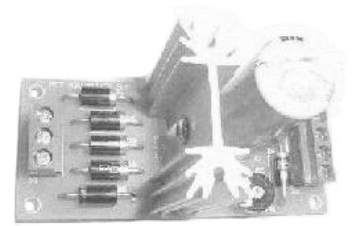


KITS - POWER SUPPLY, SWITCHERS, TIMERS & COUNTER PROJECTS

Positive Adjustable Power Supply Module Kit Negative Adjustable Power Supply Module Kit

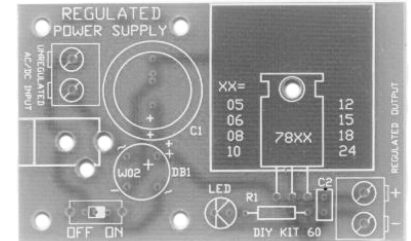
These two kits can be used separately; or assembled together to create a dual rail power supply. Current up to 1.5 ampere output. Both kits feature; reverse polarity protection, LED power ON indicator, IC regulator, variable output voltage, low noise, AC or DC input and up to 37 volts output. Complete details for selecting a transformer (transformer is not included; you must supply input voltage of 3 volts more than desired output) are included. A thorough description of assembly options is included with each kit.



NO. 80-124- Positive Adjustable Power Supply Module

78XX Regulated Power Supply

This circuit can be made into a regulated power supply for voltages from five volts up to twenty-four volts. The user must add any of the standard 78xx TO-220 positive voltage regulators (7805 or 7806 or etc...thru 7824) and the voltage will equal whichever part you select (the last two digits of the number indicates voltage; 7805 = five volts etc.) . Input AC or DC (unregulated) about three volts greater than desired output voltage; complete instructions included. The 7800 series outputs up to 1 ampere typically. LED indicator and on-board on/off switch. You could use this with a junk box AC or DC power supply or supply your own transformer etc..

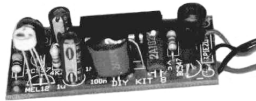


(PHOTO SHOWS BOARD ONLY)

No.80-600

Light Alarm

A sensitive photo Darlington transistor is used with CMOS nand gate. The circuit detects light and triggers a siren.



You could add your own triac or relay and switch practically anything. The kit uses the MEL12 Darlington superalpha phototransistors, typically about ten times more sensitive than a normal phototransistor. The circuit usage includes burglar alarms, medicine cabinet alarm, automobile trunk alarm etc..

No. 80-080

Photo Sensor with Control Relay

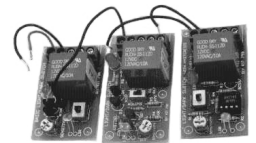
The most popular usage for this kit is to make your own night-light. But, you could switch just about any appliance either on or off with either darkness or daylight. Light sensitivity is adjustable over quite a range. The relay can handle up to 10 amps AC. You need to add a nine volt transistor battery or a nine volt, 25 mA supply.



No. 80-103

Three Light/Dark Activated Relay Switches

This kit is one of our three separate circuits in one; three separate PC boards etc.. This one will give you both useful circuits and experience in different approaches, circuit-wise, to doing the same thing; controlling a device with a change to either light or darkness. Each kit is equipped with a relay rated up to 240VAC @ 5 Amps. You may either turn "on" or turn "off" the controlled device. A good kit for the student learning electronics.

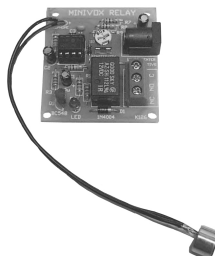


No. 80-790

Mini-VOX & Relay Kit (Sound Activated Switch)

For the uninitiated, VOX = Voice Activated Switch. This is a switch (relay) that may be activated with any sound, including the human voice. A very sensitive circuit that may be adjusted to react to very low volume sounds or a yell or hand clap. While a VOX is often used to activate a sound recorder, it may be used to trigger an alarm (the mike easily picks up vibrations in windows, wall or door), activate a video camera, radio transmitter or simply turn on a light. The relay will release after a few seconds of silence, holding as long as sound continues. (Hold time may be changed up to 30 seconds)

Operates on 12V DC very low current.

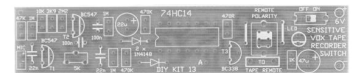


No. 80-126

Sound Activated Switch for Tape Recorder (VOX Switch)

Turn on any tape recorder that has a remote on/off jack (most cassettes).

The circuit has a feed back and delay circuit for robust operation. You could add a relay for switching heavy loads; and tape recorders are not the limit. How about turning on lights via voice or a whistle? Circuit switches off after six seconds of silence.



(PHOTO SHOWS BOARD ONLY)

No. 80-130