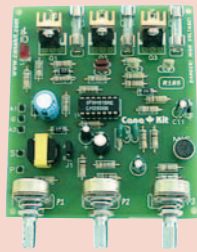


AC LIGHT CIRCUITS



3-CHANNEL IC COLOUR ORGAN WITH BUILT-IN MIKE AND LINE-IN

The circuit is based on an Integrated Circuit which provides three sharp active filters for each channel. Three independent controls vary the amount of light for low, midrange and high frequencies. In addition, a built-in microphone is incorporated which allows the circuit to capture the ambient sound and to operate without requiring a connection to your stereo system. The circuit can handle up to 200W of lights per channel. Supply voltage: 18V AC C.T. @ 100mA. Recommended transformer: 640-1803.

- CK185** Kit
- UK185** Assembled



4-CHANNEL DIGITAL COLOUR ORGAN

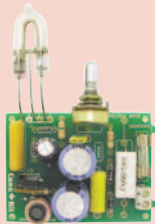
This colour organ has two modes of operation: "Musical" and "Automatic". In "Musical" mode, the channels illuminate according to the frequency of the audio input signal. In "Automatic" mode, the channels automatically illuminate with different timing interval for each channel. Includes 4 LED indicators. Supply voltage: 12V AC C.T. @ 200mA. Recommended transformer: 640-1203.

- CK186** Kit
- UK186** Assembled

VARIABLE SPEED STROBE LIGHT

This circuit is an excellent strobe light that produces a high intensity white light for short durations. The flash rate is adjustable via a PC board mounted potentiometer. Great for parties, warning lights, and special effects. Supply voltage: 110VAC

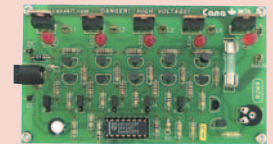
- CK483** Kit



5-CHANNEL MULTI-PROGRAM LIGHT CHASER WITH TRIAC BOARD

A versatile 5-channel AC light chaser that is easy to program. The circuit incorporates 5 jumpers that can be positioned on 2 different positions in order to create numerous types of moving light effects. Each channel can handle up to 200W. Supply voltage: 12V DC @ 100mA. Recommended adapter: RP-9200-P.

- CK289** Kit

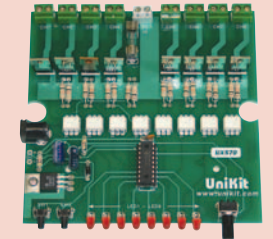


8-CHANNEL / 20-PROGRAM LIGHT CHASER

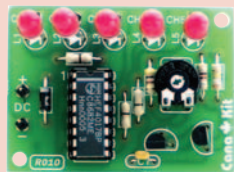
A professional multi-function 8-channel light controller offering 20 built-in programs including various running light patterns as well as many different light effects. The controller also offers an automatic program in which all 20 light effects follow each other repeatedly. The circuit incorporates a speed adjustment control as well as a push button switch which allows reversing the running direction of the current light effect. It has many applications such as traditional running light effects, Christmas lights, traffic safety arrow light boards, etc.

The AC version incorporates 8 opto-couplers for complete isolation of the controller circuit from the AC main for added safety. A DC powered version is also available (CK580). Supply voltage: 9VDC @ 200mA. Recommended adapter: RP-9200-P.

- CK570** (115 VAC) Kit
- UK570** (115 VAC) Assembled
- CK580** (12 VDC) Kit
- UK580** (12 VDC) Assembled



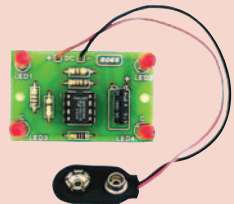
DC LIGHT CIRCUITS



5-CHANNEL LED CHASER

This simple 5-channel LED chaser can be used anywhere requiring LED light effects. The circuit is based on 2 transistors and an Integrated Circuit which drives all 5 LEDs. The chase rate can be adjusted by a PC board mounted trimmer potentiometer. Supply voltage: 12V DC @ 50 mA. Recommended adapter: RP-9200-P.

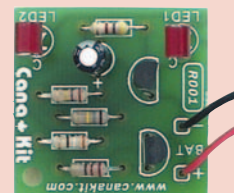
- CK010** Kit
- UK010** Assembled



ALTERNATING FLASHER, 4-LED 5MM

This is a simple project for beginners to create fun lighting effects. It is based on the popular 555 Integrated Circuit. It includes four bright red LEDs that flash alternatively in pairs. Supply voltage: 9 - 12V DC @ 40mA. Includes 9V battery snap.

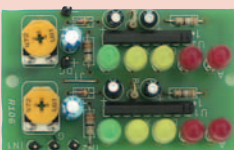
- CK069** Kit
- UK069** Assembled



MINI LED BLINKER

This is a simple and easy project for a beginner to electronics. As your first step in electronics, it will familiarize you with the electronics world and soldering. It comes with two red LEDs that blink at a rate of approximately 1Hz. It can be used in toys, on your car dashboard as a burglar deterrent, or as a night light you can wear. Supply voltage: 5 - 12V DC @ 10mA. Includes 9V battery snap.

- CK001** Kit
- UK001** Assembled



2 X 5-LED STEREO VU-METER

A compact stereo VU-Meter based on two Integrated Circuits which ensure a high input sensitivity. The sensitivity of each channel is independently adjustable. It comes with green, yellow and red LEDs. Supply voltage: 4 - 14VDC @ 100mA. Recommended DC Adapter: RP-9200-P.

- CK106** Kit
- UK106** Assembled

31-LED ELECTRONIC WINDMILL

A fun to build kit for any electronic enthusiast! A standard adapter or 9V battery will power this fantastic windmill display with visually rotating arms. The rotation speed is adjustable using a potentiometer. Supply voltage: 9 - 12V DC @ 200mA. Recommended adapter: RP-9200-P.

- CK176** Kit



6-LED SUPER SENSITIVE SOUND TO LIGHT CONVERTER

This super-sensitive sound-to-light converter incorporates a built-in microphone which captures any ambient sound and lights six high-bright LEDs which react to the different sound levels. It can be used for fun, as a 1 channel sound-to-light unit, or to indicate a telephone ring or doorbell for the hearing impaired. Supply voltage: 9V DC @ 50mA. Includes 9V battery snap.

- CK457** Kit



JUMBO 2-LED FLASHER

This easy and simple to assemble circuit is a great kit for beginners. It is based on the popular 555 Integrated Circuit. It includes two super large 8mm bright red LEDs which are real attention-grabbers. Supply voltage: 9 - 12V DC @ 20mA. Includes 9V battery snap.

- CK068** Kit
- UK068** Assembled

