

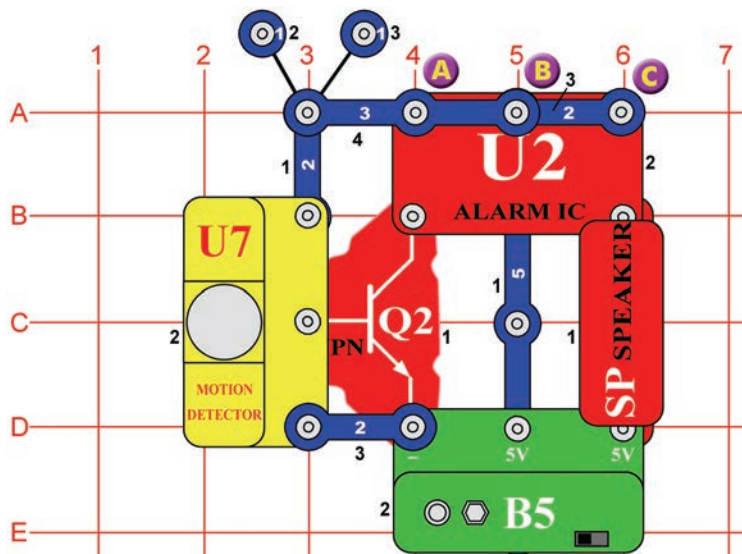
**WARNING:** Always check your wiring before turning on a circuit. Never leave a circuit unattended while the batteries are installed. Never connect additional batteries or any other power sources to your circuits.

# Motion Detector

Model SCP-03



**WARNING: SHOCK HAZARD -** Never connect Snap Circuits to the electrical outlets in your home in any way!



## Project #1 Motion Detector

The Snap Circuits Kit uses electronic blocks that snap onto a clear plastic base grid to build different circuits. These blocks have different colors and numbers on them so that you can easily identify them. Build the circuit shown by placing all the parts with a black 1 next to them on the clear plastic base grid first. Then, assemble parts marked with a 2, then the parts marked with a 3, and finally, the part marked with a 4. Install a 9V alkaline battery (not included) into the battery holder (B5). Place the base grid into the blue stand (with the speaker closest to the stand) and carefully stand it up, facing across a room.

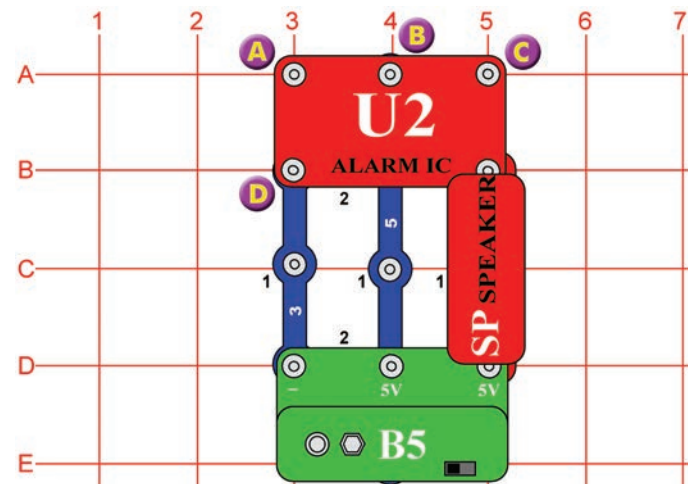
Turn on the switch (on B5). You hear an alarm sound for a few seconds on start-up and then whenever the circuit detects motion in the room.

## Project #2 Siren Motion Detector

Use the circuit from project #1. Remove the 2-snap wire at point C, but keep it connected at point B. The circuit works the same way, but sounds like a siren.

## Project #3 Alarm Motion Detector

Use the circuit from project #1. Remove the 2-snap wire from points B and C and connect it across points A and B. Now the circuit sounds like an alarm.



## Project #4 Police Car

Build the circuit shown here and turn on the switch. It makes a siren sound like a police car.

## Project #5 Fire Engine

Use the circuit from project #4, but add a 2-snap wire across points A and B. Now it sounds like a fire engine.

## Project #6 Machine Gun

Use the circuit from project #4, but add a 2-snap wire across points B and C. Now it sounds like a machine gun.

## Project #7 European Siren

Use the circuit from project #4, but add a 2-snap wire across points A and D. Now it sounds like a European siren.

*If you have any problems, contact Elenco®*

# OTHER SNAP CIRCUITS PRODUCTS!

Contact Elenco® to find out where you can purchase these products.



**Snap Circuits Jr. Model SC-100**

Build over 100 projects, contains over 30 parts.



**Snap Circuits Model SC-300**

Build over 300 projects, contains over 60 parts.



**Snap Circuits Pro Model SC-500**

Build over 500 projects, contains over 75 parts.



**Snap Circuits Extreme Model SC-750**

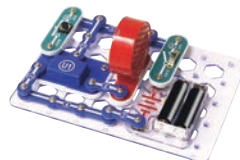
Build over 750 projects, contains over 80 parts, and PC interface included.



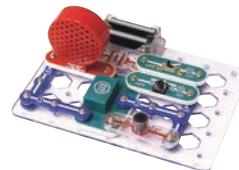
**Musical Recorder Model SCP-01**



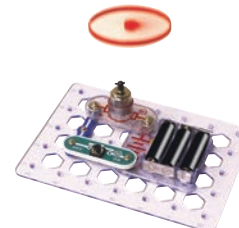
**FM Radio Model SCP-02**



**Music Box Model SCP-04**



**Space Battle Model SCP-05**



**Flying Saucer Model SCP-06**

## PARTS LIST

Qty.	ID	Name	Part #
<input type="checkbox"/>	1	Stand	626100
<input type="checkbox"/>	1	Base grid	6SCBGM
<input type="checkbox"/>	2	1-snap wire	6SC01
<input type="checkbox"/>	3	2-snap wire	6SC02
<input type="checkbox"/>	1	3-snap wire	6SC03
<input type="checkbox"/>	1	5-snap wire	6SC05
<input type="checkbox"/>	B5	9V holder & SW	6SCB5
<input type="checkbox"/>	Q2	NPN transistor	6SCQ2
<input type="checkbox"/>	SP	Speaker	6SCSP
<input type="checkbox"/>	U2	Alarm IC	6SCU2
<input type="checkbox"/>	U7	Motion detector	6SCU7

**Important:** If any parts are missing or damaged, **DO NOT RETURN TO RETAILER.** Call toll-free (800) 533-2441 or e-mail us at: help@elenco.com. Customer Service • 150 Carpenter Ave. • Wheeling, IL 60090 U.S.A.

### Troubleshooting:

- If no sound is heard, then make sure your assembly is correct and that all connections are securely snapped.
- If the motion detector never shuts off, or siren sounds abnormal, then replace your batteries.

You may order additional / replacement parts at our web site: [www.snapcircuits.net](http://www.snapcircuits.net)

### BATTERIES:

Use only 9V alkaline type (not included). Insert battery with correct polarity. Non-rechargeable batteries should not be recharged. Rechargeable batteries should only be charged under adult supervision, and should not be recharged while in the product. Do not mix alkaline, standard (carbon-zinc), or rechargeable (nickel-cadmium) batteries. Remove batteries when they are used up. Do not short circuit the battery terminals. Never throw batteries in a fire or attempt to open its outer casing. Batteries are harmful if swallowed, so keep away from small children.