

Circuit Mania™ Instructions

For the simple Circuit Mania Step-by-Step Guide
and Video, visit www.CircuitMania.com

What you will need (not included):

- Scissors
- Thumbtack or Pin

In the Box:

- (2) Sheets of paper with object outlines
- (1) LED Light
- (3) Conductive Tape Strips
- (1) Paper Clip
- (1) Button Battery (CR2032 3V Lithium)
- Step-by-Step Instructions

Follow the instructions step-by-step, carefully reading each line before moving onto the next step.

- 1 Cut out paper templates**
 - a. Follow the outer lines on both templates. You will have two similar shaped paper cutouts, one larger than the other.
 - b. Place the smaller cutout on top of the larger cutout, making sure the dotted circles on both cutouts are aligned.
- 2 Poke a small hole through both cutouts**

With both cutouts stacked on top of each other and dotted circles aligned, use a thumbtack or pin to poke a small hole through the middle area of the dotted circles.
- 3 Insert LED prongs through small cutout**
 - a. Take the small cutout and insert both LED prongs through the pin hole in the center of the dotted circle.
 - b. Bend the longer positive (+) prong so it lays flat against the small cutout.
- 4 Apply conductive tape to small cutout**
 - a. Peel the white strip off the back of the conductive tape
 - b. Apply the conductive tape to the longer (+) LED prong vertically and secure the prong to the smaller paper cutout. Continue placing the tape down along the length of the cutout.
 - c. Cut off excess conductive tape.
- 5 Insert negative (-) prong through larger cutout**
 - a. Take the larger cutout and insert the shorter negative (-) LED prong through pin hole in the center of the dotted circle.
 - b. Bend the negative LED prong so it lays flat against the back of the larger cutout.
- 6 Apply conductive tape to larger cutout**
 - a. Peel the white strip off the back of the conductive tape
 - b. Apply the conductive tape to the negative (-) prong vertically and secure the prong to the larger paper cutout but **before reaching the bottom**, make a right turn so the conductive tape makes an L shape and wrap it around to the front of the larger cutout.
 - c. Make sure both conductive strips are touching.
 - d. Cut off any excess conductive tape.
- 7 Add paper clip and secure battery**
 - a. Place the battery between the cutouts at the intersection of the tapes. Make sure the battery is touching both tapes with the side marked "+" touching the tape on the back of the smaller cutout.
 - b. Secure the battery to the paper cutouts, at the intersection of the two tapes, with the included paper clip.

Troubleshooting:

- If the LED doesn't light up, flip the battery and try again.

Poke a hole on the top of any Circuit Mania™ and hang them around any room! Brighten up any space with your cool new creations!