Larson Scanner

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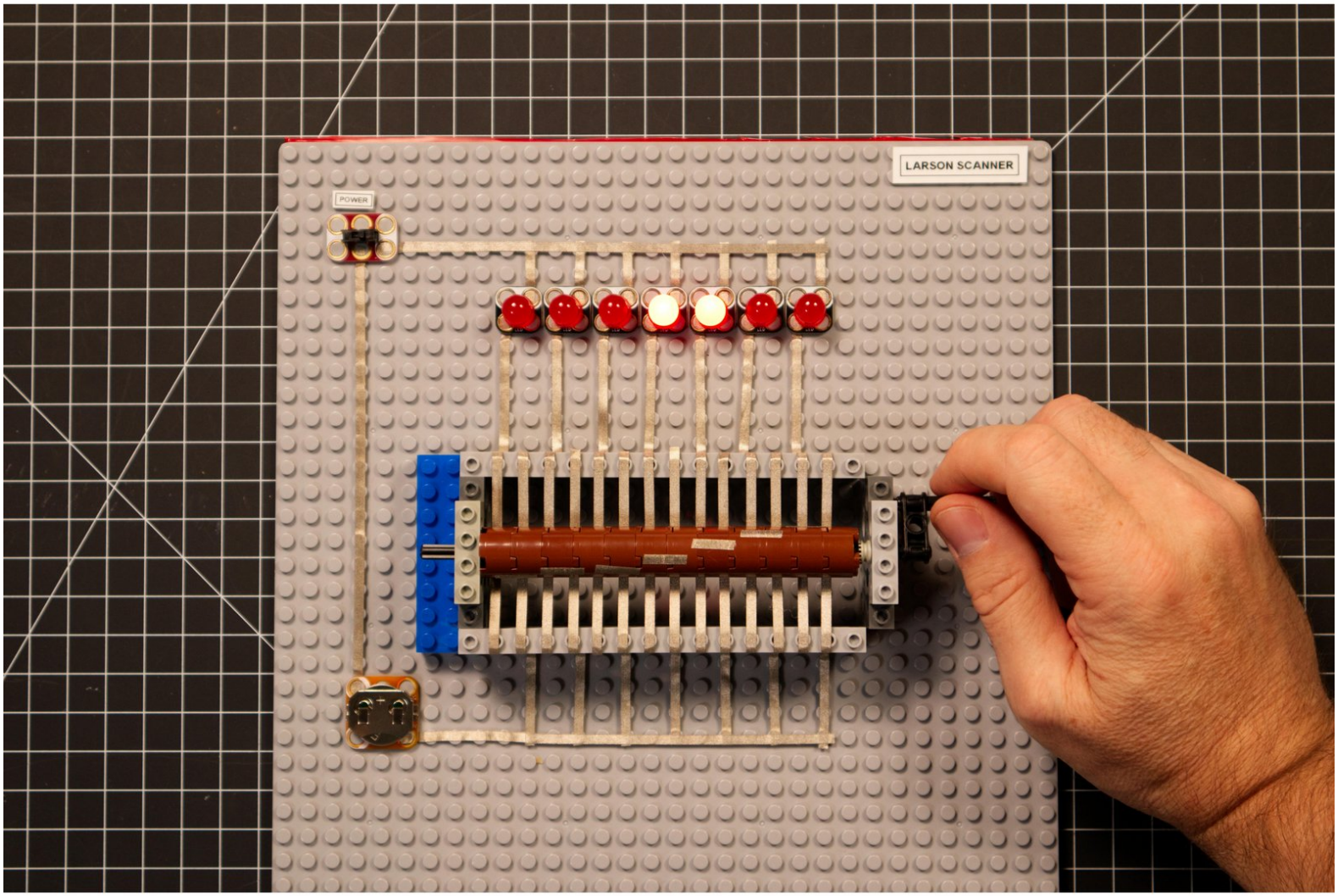


INTRODUCTION

Build an analog, hand-cranked, LEGO-based Larson Scanner using our Crazy Circuits system. Turning the crank will rotate the cylinder and cause each circuit to be completed in sequence.

TOOLS:

- Scissors (1)

PARTS:

- 10mm Diffused LED Chip (7)
- Crazy Circuits Coin Cell Battery Holder (1)
- Maker Tape (1)

1/8"

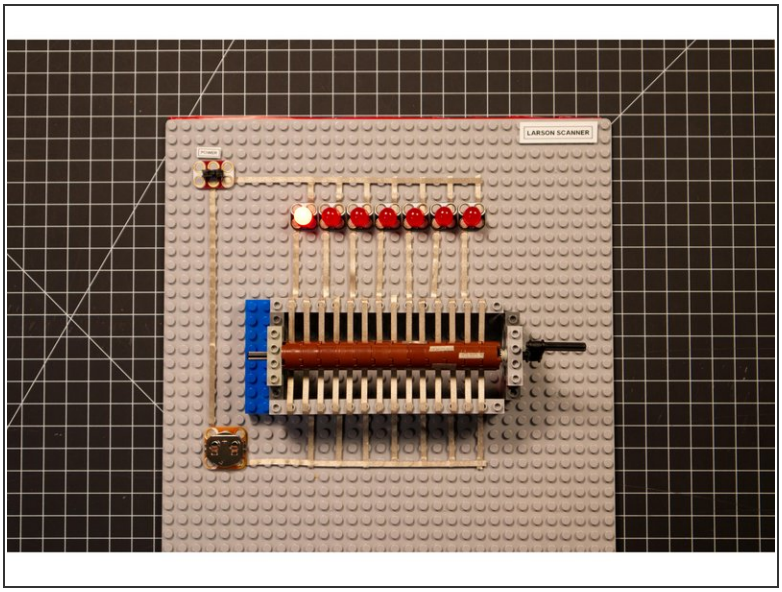
- LEGO Bricks (1)

Misc

- crazy circuits switch (1)

Optional

Step 1 — Build



- See the attached PDF guide, as well as the photos and video to understand how the Larson Scanner works.
- We've also got a longer video of the Larson Scanner in action available on the Brown Dog Gadgets YouTube Channel.

Note: You can use more or less LEDs than what we've used in our guide. This project can be scaled up or down quite easily.

- So far our favorite crank is made with two pieces. The LEGO Technic Half Beam 3 with Knob and Pin (33299 / 61408) and the LEGO Pin Joiner Round with Slot (29219 / 62462)

For a simpler version of this project, check out our Hand-Cranked Circuit guide.