Nose Dog



Quantity	Description
1	RGB LEDs 5 mm
1	Push button
1	CR2032 battery holder
1	CR2032 battery (not included)
1	Board (PCB)

Difficulty: ●●○○○ Build-Time: 30 – 60 Minutes

Manual v2.0 CC BY-SA 4.0 Binary Kitchen e.V.
Board v1.0 CC BY-NC-SA 4.0 blinkyparts.com

Safety Information

- ATTENTION: Not suitable for children under 3 years, choking hazard due to small parts that may be swallowed.
- We recommend: Supervision of the assembly and soldering process by an adult.
- Keep these operating instructions in a safe place for later use! It contains important information.
- If the battery is empty, replace it only with a new battery with the same values.
- When soldering, the soldering iron, the solder and also the components being soldered become very hot.
- Always wear safety glasses when soldering and assembling the kit.
- Always use a fire proof soldering pad when soldering! This prevents the components from slipping away.
- To keep the soldering iron safe during assembly, always use a suitable soldering stand.
- The kit is designed for battery operation only.
- CAUTION: Never connect the kit to 230 V mains voltage! There is an absolute danger to life!
- Please take the device to appropriately certified disposal companies at the end of its service life. This is good for the environment and ensures correct disposal.
- Subject to changes and errors.

Disposal

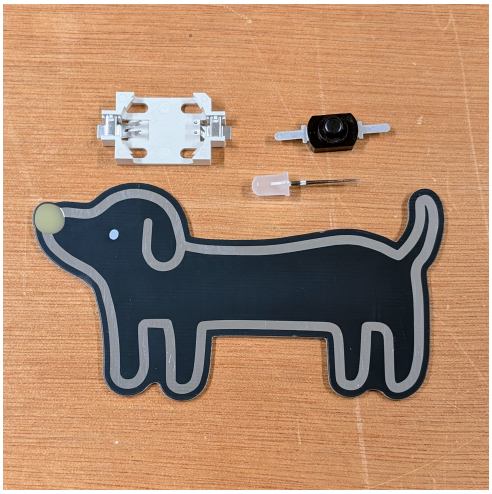
This appliance is labelled in accordance with the European Directive 2012/19/EU on waste electrical and electronic equipment (WEEE). The directive provides the legal framework for the take-back and recycling of waste equipment throughout the EU.

- **packaging**: The packaging is made of environmentally friendly materials and is therefore recyclable. Dispose of packaging materials that are no longer needed accordingly.
- **waste equipment**: Old appliances often still contain valuable materials. Therefore, hand in your old appliance to your retailer or a recycling centre for reuse. Please ask your retailer or your local authority for the current disposal routes.

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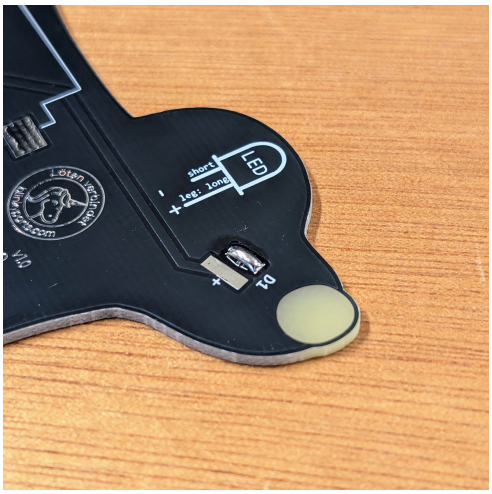
Step 1

a) Check your components.
b) A CR2032 battery is not included. You can buy one online or at larger electronics stores.



Step 2

a) Flip the circuit board over
b) apply solder to the elongated LED pad on the nose that is not marked with a +.



Step 3

a) The long leg of the LED indicates the positive side.
b) Bend the legs so that the LED lies flat on the circuit board and the legs also touch the board.
c) Solder the negative leg (the short one) to the negative pad where you've already applied solder.
d) Make sure the other leg also touches the other pad without solder.



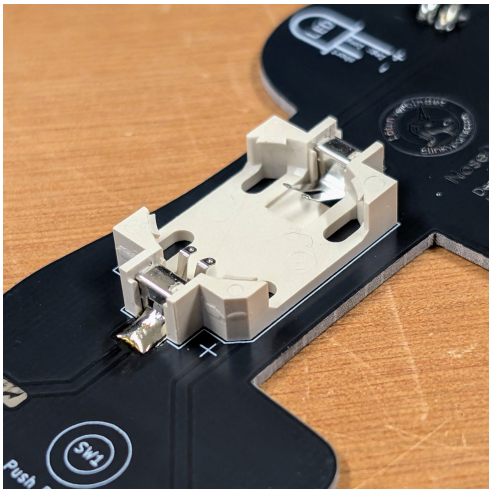
Step 4

a) Solder the other leg of the LED (anode, positive side) to the circuit board.
b) Trim off any excess length of the legs, if present.



Step 5

a) The battery holder has a designated orientation marked by a beveled edge. The same beveled edge is also printed on the circuit board.
b) Apply solder to one pad of the battery holder
c) Reheat the pad with solder and slide the battery holder onto the pad from the side.
d) Make sure that the other leg of the battery holder touches the other pad.
e) Solder the other leg to the other pad on the circuit board.



Step 6

a) The pushbutton has no specific orientation.
b) Apply solder to one of the pushbutton's pads.
c) Bend the pushbutton's legs so that they can touch the surface of the circuit board.
d) Reheat the pad with solder and slide one leg of the pushbutton onto the pad from the side.
e) Make sure the other leg of the pushbutton touches the other pad.



Step 7

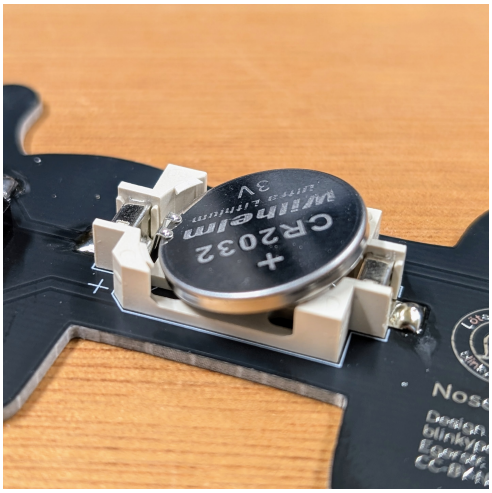
a) Solder the other leg of the pushbutton to the circuit board.



Step 8

a) Insert the battery as shown

b) the positive terminals must touch the top of the battery. Slide the battery into the battery holder from the left and press down only on the left side.



Step 9

a) Bend the LED so that it points toward the yellow spot.



Step 10

a) You’re done!

b) You can also attach a magnet to the battery to help secure the soldering kit to your clothing.

