littleBits Premium
Recommended Age: 8+

You can learn the basics of electronics, explore STEAM principles, form the foundations of critical thinking, or just have fun with whirring, buzzing creations with littleBits Premium and Base Kits.

System requirements: No system requirements

Steam Kits were supported in whole or in part by the U.S. Institute of Museum and Library Services under the provisions of the Library Services and Technology Act, administered in California by the State Librarian.
Contents List

- littleBits Base Kit
  - 1 30-second quick start guide
  - Bits
    - 1 power
    - 1 button
    - 1 light sensor
    - 1 dimmer
    - 1 wire
    - 1 bright LED
    - 1 bargraph
    - 1 buzzer
    - 1 DC motor
    - 1 motormate
    - 1 screwdriver
    - 1 cable
    - 1 battery

- littleBits Premium Kit
  - 1 30-second quick start guide
  - Bits
    - 1 power
    - 1 slide dimmer
    - 1 pulse
    - 1 pressure sensor
    - 1 sound trigger
    - 1 roller switch
    - 1 branch
    - 1 wire
    - 1 vibration motor
    - 1 long led
    - 1 servo motor
    - 1 fan
    - 1 servo accessories
    - 1 vibesnap
    - 1 screwdriver
    - 1 cable
    - 1 battery

- 2 extra batteries
- Book: Getting Started With littleBits by Ayah Bdeir and Matt Richardson
- Red folder with getting started guide
Steam Kit: littleBits Premium
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Photos of parts
Getting Started Guide

Start with the projects in the “30 second quick start guide” booklet that comes with each kit. The circle at the top indicates which kit the guide is for.

Read through the handouts in the side pockets of the red folder.

More projects are available at https://littlebits.com/projects
- Login and search for “base kit” or “premium kit”

YouTube – littleBits Electronics channel: youtube.com/user/littleBitsInc/
- Search for “Premium Kit” or “Base Kit”
More Information

Cost of littleBits Premium STEAM Kit - $269.00

To learn more about the littleBits Premium Kit
https://shop.littlebits.com/products/premium-kit#specs

For a full list of Pasadena Public Library STEAM Kits
https://ww5.cityofpasadena.net/library/steam/

littleBits Base Kit and littleBits Premium Kit are discontinued products.

When returning the kit, please check if all contents are in the box. If something is missing, please inform staff.
Information for staff

Check-in instructions: check the contents

- littleBits Base Kit
  - 1 30-second quick start guide
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    - 1 wire
    - 1 vibration motor
    - 1 long led
    - 1 servo motor
    - 1 fan
    - 1 servo accessories
    - 1 vibesnap
    - 1 screwdriver
    - 1 cable
    - 1 battery

- 2 extra batteries
- Book: Getting Started With littleBits by Ayah Bdeir and Matt Richardson
- Red folder

Cost will incur if any of the bits or book are missing.
The batteries, folder materials, and booklet can easily be replaced.
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Maintenance:
1. Check if all three batteries are good. If not, replace batteries.
2. Check if the 30-second quick start guide is in the boxes. If not, print out new guides.
3. Check for printouts in the side pockets of the red folder. Printouts included are:
   - How to Run a littleBits Workshop guide: https://littlebits.com/blog/how-to-run-a-littlebits-workshop
   - Documentation Skills: http://littlebits.com/lessons/documentation-skills

Cost and replacements:

littleBits Base Kit - $99.95
- Power bit is $5.95
- 1 button is $7.95
- 1 light sensor is $11.95
- 1 dimmer is $7.95
- 1 wire is $7.95
- 1 bright LED is $9.95
- 1 bargraph is $11.95
- 1 buzzer is $11.95
- 1 DC motor is $4.95
- 1 motormate is $4.95
- 1 screwdriver
- Cable is $4.95
- UPC: 810876020022

littleBits Premium Kit - $149.00
- Power bit is $5.95
- 1 slide dimmer is $9.95
- 1 pulse is $11.95
- 1 pressure sensor is $17.95
- 1 sound trigger is $11.95
- 1 roller switch is $9.95
- 1 branch is $11.95
- 1 wire is $7.95
- 1 vibration motor (comes with 1 vibesnap) is $11.95
- 1 long led is $9.95
- 1 servo motor is $25.95
- 1 fan is $15.95
Steam Kit: littleBits Premium
Recommended Age: 8+

- Cable is $4.95
- UPC: 810876020039

Getting Started With littleBits book
- $19.99
- ISBN: 9781457186707

-update 7/19/18 by Jane Gov