

SparkFun

SparkFun Inventor's Kit for Arduino with Retail Case

sku: RTL-10339



Description: This is the 'retail' version of the SparkFun Inventor's Kit (SIK). This version comes with the carrying case seen in the pictures, where the standard version does not. You can buy the case separately though if you wish.

zOMG! This kit has it all. It now includes the new Arduino Uno, the fabled baseplate, and all the sensors you can shake a stick at. This version includes a plastic carrying case to organize all the components. The SparkFun Inventor's Kit for Arduino is a box of goodies to get the very beginner started with programmable electronics. It includes all the bits you need to build 12 basic circuits, no soldering required! On top of that, we've joined forces with Oomlout to offer a small booklet to get you started. The SIK comes with everything pictured and a 36 page color printed 'starter' guide. The guide will take a complete novice and get them:

- Blinking LEDs
- Controlling a toy motor

- Controlling a servo
- Making (bad) music
- Responding to buttons
- Twisting a volume knob
- Detecting ambient light
- Reading temperature
- Controlling big devices
- Mixing LED colors

We believe these to be the building blocks of any electronics project. Once these concepts are mastered, very impressive projects are possible using simple recombinations.

Kit includes:

- [Arduino Uno USB](#)
- [Arduino and breadboard holder](#)
- [Printed 36-page Oomlout manual](#)
- [12 color circuit overlays](#)
- [Clear Bread Board](#)
- [74HC595 Shift Register](#)
- 2N2222 Transistors
- [1N4148 Diodes](#)
- [DC Motor with wires](#)
- [Small Servo](#)
- [5V Relay](#)
- TMP36 Temp Sensor
- [Flex sensor](#)
- [Softpot](#)
- [6' USB Cable](#)
- Jumper Wires
- [Photocell](#)
- [Tri-color LED](#)
- [Red](#) and [Green](#) LEDs
- [10K Trimpot](#)
- [Piezo Buzzer](#)
- [Big 12mm Buttons](#)
- [330](#) and [10K](#) Resistors
- [Male Headers](#)

No soldering required. We recommend this kit for beginners ages 10 and up.

Documentation:

- [Web quality guide](#) (1MB)
- [Print quality guide](#) (9MB)
- [Circuit overlays](#)
- [SIK Review](#)