



Kitronik Inventor's Kit for BBC Micro:bit - French

Stock code: 5603-FR

Description

The Inventor's Kit for the BBC micro:bit is a great way to get started with programming and hardware interaction with the BBC micro:bit. This inventor's kit contains everything you need to perform 10 experiments, including using LEDs, motors, phototransistors and capacitors.

To get you started, we've got an easy-to-follow tutorial that will walk you through everything you need to know about programming the BBC's microbit . You don't need any experience with programming as the workbook will guide you through every step. You'll be programming and creating circuits in no time!

The Inventor's Kit for the BBC micro:bit provides a fantastic way to learn how to build and control electronic circuits. The BBC micro:bit has a selection of pins which are located on the bottom edge of its PCB (see the datasheet below for details). By using our specially designed Edge Connector Board for the BBC micro:bit in conjunction with the breadboard (see below) it is easy to use these pins to connect

additional components to the BBC micro:bit. No soldering is required and you can build your first circuit in minutes!

Remark:

- Micro cards: bits NOT INCLUDED.
- This kit requires assembly.

Characteristics:

- No soldering required - build your first circuit in minutes!
- Make 10 experiments included in the step-by-step tutorial book provided.
- All parts are included to conduct all 10 experiments (listed below).
- Cutout 21 accessible pins of the BBC micro:bit using the Edge Connector board for the BBC micro:bit.
- Small prototype breadboard included for rapid prototyping.

Contents:

- 1 x mounting plate.
- 1 x Potentiometer and Finger Spindle Adjustment.
- 1 x Battery Sticky Fixer.
- 1 x small prototype drawing board.
- 1 x terminal connector.
- 4 x push switch.
- 1x motor.
- 1 x transistor.
- 2 x LED rouge 5mm.
- 2 x LED orange 5mm.
- 2 x LED jaune 5mm.
- 2 x 5mm green LED.
- 1 x LED RGB 5mm.
- 1 x fan blade.
- 5 x 2.2K Ω resistor.
- 5 x 10K Ω resistor.
- Resistance 5 x 47 Ω .
- 1 x Edge connector breakout board for BBC micro:bit.
- 1 x Phototransistor.
- 10 x male to male jumper wires.
- 10 x male to female jumper wires.
- 1 x 470uF electrolytic capacitor.
- 1 x Buzzer Piezo Element.
- 2 x M3 pan head screws.