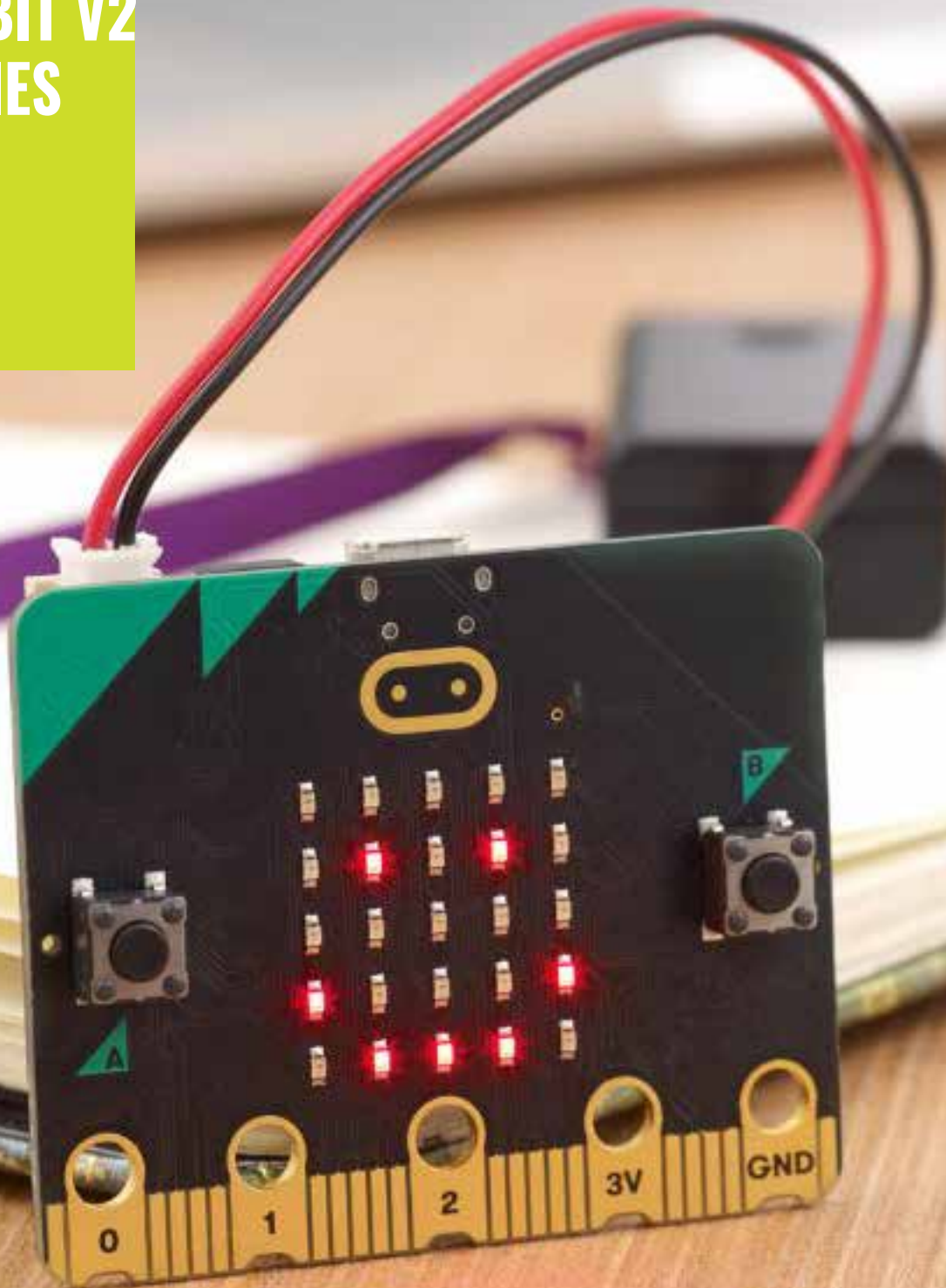


TECHNOLOGY
& ROBOTICS
BBC MICRO:BIT V2
& ACCESSORIES

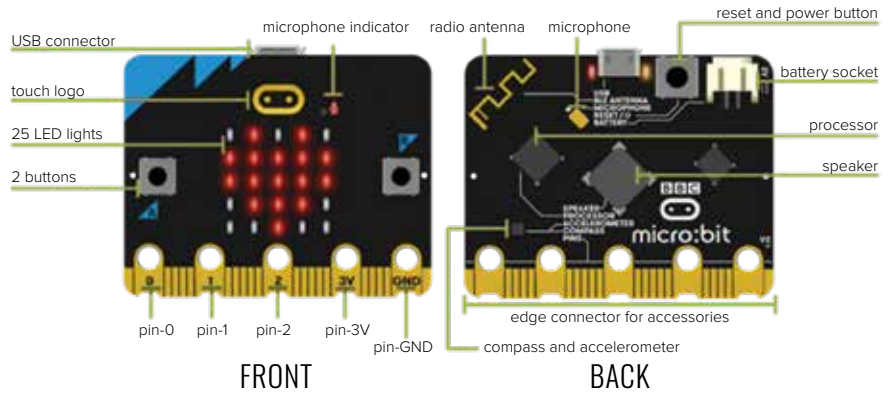
2023



CREATE : LEARN : CODE

BBC MICRO:BIT V2

Technology & Robotics



Why Buy Me?

- The BBC micro:bit is a physical computing device that provides a bridge between abstract concepts and tangible experiences. Physical computing combines: Computational thinking | Coding | Creativity | Innovation
- Using the micro:bit, your students will gain vital competencies and skills in critical thinking and collaboration, building their ability and confidence to have ideas, share them and make them real.
- The simplicity of the micro:bit's design allows for immediate success, but also becomes a more sophisticated tool as your students' knowledge and understanding grows.
- Each device is packed full of features (see above) that will work to teach at any grade and any skill level.
- It can be coded from any web browser in Blocks, Javascript, Python, Scratch and more; no software required.



BBC MICRO:BIT V2
1 x BBC micro:bit V2
(No colour choice)
1 x Quick start guide
735529

BBC MICRO:BIT V2 - STARTER KIT
A complete set containing all the parts and four inspirational ideas to get started with the micro:bit.
1 x BBC micro:bit V2 AAA batteries
1 x USB cable 1 x Quick start guide
1 x Battery holder
735530

BBC MICRO:BIT CLUB V2
10 x BBC micro:bit V2
10 x USB cables
10 x Battery holders
20 x AAA batteries
Quick start guide
735531

For an in-depth understanding visit:

www.microbit.org

Kitronik Individual Student Discovery Kit for the BBC micro:bit

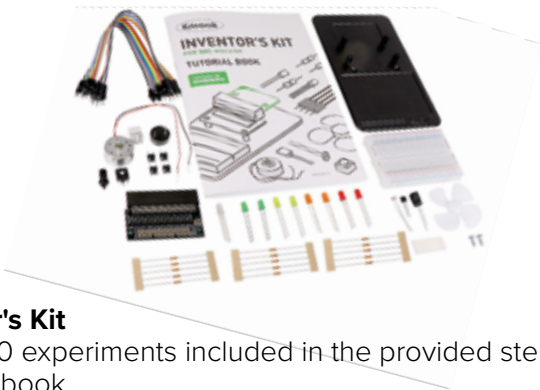
The included booklet assumes no prior knowledge and contains detailed information about everything the new user will need to know. It covers everything from using a prototyping board to how to use the Microsoft MakeCode Editor, and everything in between. This is the ideal kit for someone who is new to the micro:bit, electronics, and coding.

The kit contains five experiments and all of the components required to complete them. Each experiment has; a complete code walk-through, a circuit diagram and a top-down breadboard view, full explanations of what is happening, and how the electronics work.

Note:

- This kit does not include a micro:bit
- No soldering is required and you can build your first circuit in minutes!

735532



Inventor's Kit

- Make 10 experiments included in the provided step-by-step tutorial book.
- All parts are included to conduct the 10 experiments.
- Break out 21 accessible pins from the BBC micro:bit using the Edge Connector Board for the BBC micro:bit.
- Small Prototype Breadboard included for fast prototyping.

732149



ZIP Halo

The Halo has 24 ZIP LEDs, which are individually addressable full colour LEDs. This means that each LED can display a huge spectrum of colours, allowing amazing colourful effects to be achieved.

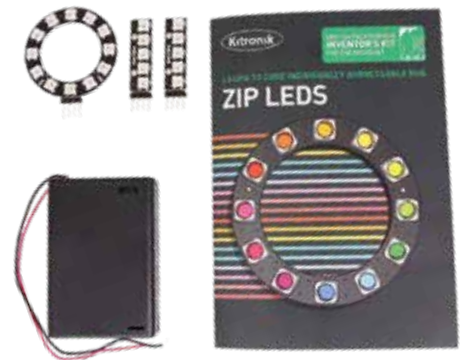
732155



Noise Pack Add-on for Inventor's Kit

This pack includes components and instructions for experiments exploring waveforms and amplifiers.

732159



ZIP LEDs Add-On Pack

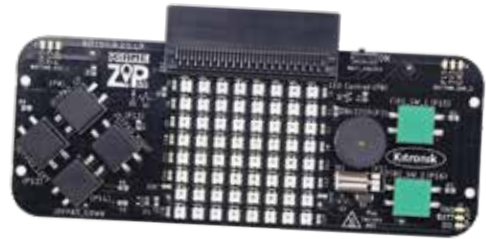
These LEDs are simple to control and can be used to produce a whole range of fantastic colours.

732133

:GAME ZIP 64

Game Zip is a hand held gaming platform. This includes a built in 64 (8x8) individually addressable full colour ZIP LED screen. It features on-board sound, 4 x directional buttons, 2 fire buttons, haptic feedback, and breakout points so shoulder buttons or I2C devices can be added. All features are programmable. Breakout points are also included to allow for the use of larger LED screens. All of micro:bits features are still available when plugged in to the :GAME ZIP 64, so your games can still make use of the LED matrix, accelerometer etc.

732157



:KLEF Piano

It features 15 capacitive touch pads, with 13 arranged as a single octave and 2 up down function buttons that can allow you to shift octaves.

732161



MI:pro Case and Accessories

This case provides full access to the bottom pins on the BBC micro:bit so the Edge Connector Breakout Board for the BBC micro:bit can be used.

732145



k8 Robotics Kit

With more than 8 sensors and motors, k8 opens a world of possibilities for making, playing and learning!

732087