

invent! kit

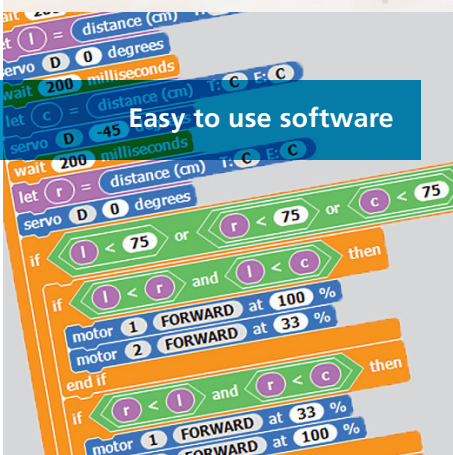
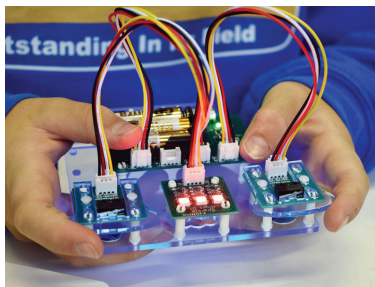
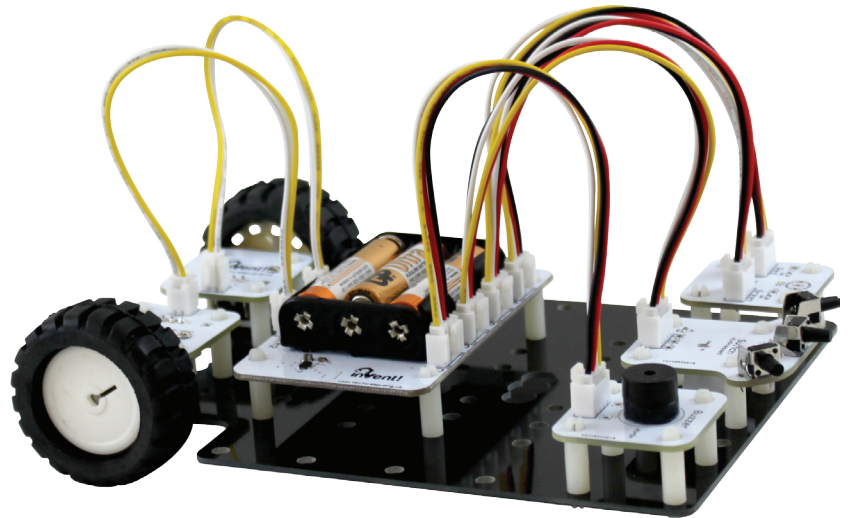
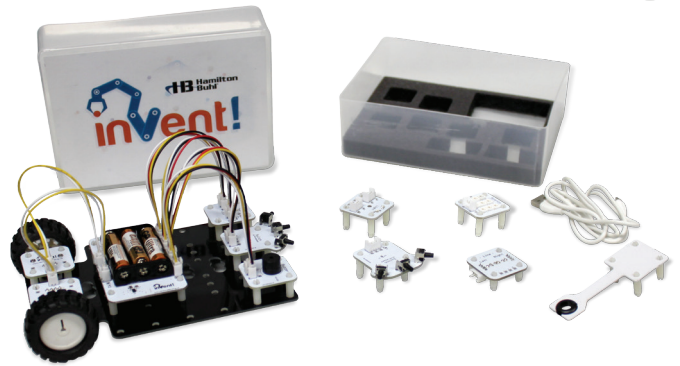
INVBOT

The "Invent!" Kit, presented by HamiltonBuhl, is developed precisely for STEM-based curriculums. The kit comes with all the components needed to create a variety of fun, programmable inventions – a wheeled robot – complete with collision sensors, buzzers, color-changing lights, line sensors and even infrared sensors that can detect fire!

As students assemble the robot, they will be learning a multitude of subjects including robotics and general science concepts such as sensors, engineering and math.

As students program the robot to complete various tasks, they will learn coding in Crumble – drag-and-drop programming software – similar to Scratch.

Easy for elementary grade students to use, yet robust for older students, Crumble, drag-and-drop programming language allows the older, more experienced students to investigate much more complex algorithms and provides access to more advanced components.



Easy to use software

Features

- Affordable
- Programmable - with Crumble - the free, open source, graphical drag-and-drop programming language
- Easy to assemble
- High-end components
- Lesson plans
- Suitable for all ages: 8+

Dimensions: 12.3" x 7.3" x 4.4"
Weight: 1.5 lbs.

Caution: Possible choking hazard. Not for children 3 years and under.

Includes

- Base board with USB-programmable microcontroller and power pack
- USB cable
- 2 bump sensors
- 1 buzzer module
- 1 color-changing LED module
- 1 2-channel IS 'flame' sensor
- 1 2-channel line sensor
- All connecting cables
- 3 "AAA" batteries included