



Inventor Electronic Kit

SKU: 94004 Weight: 700.00 Gram



What Is Inventor Electronic Kit?

The Makeblock Inventor Electronic Kit is a modular electronic platform for quick prototyping. This kit contains 12 sensors and actuators, each with a color-coded connector to simplify wiring. Each module comes with Arduino library for quick programming.

In addition to Arduino programming, this kit supports graphic programming languages such as MIT Scratch and Ardublock which are great for teaching kids how to program and interact with hardware.

For additional control without additional coding, attach the Bluetooth module (dual mode 2.0 and 4.0) and download the Makeblock app. Then use your smartphone or tablet to control your robot.

Features

- 12 electronic modules included, plus one Makeblock Orion (Arduino-compatible);
- Arduino programming support;
- Graphic programming languages support (MIT Scratch and Ardublock);
- Easy and intuitive wiring with color-coded RJ25 connector;
- Bluetooth module included for connecting with smartphones;
- Comes with smartphone App (Android and iOS available).

Scratch is a programming language and online community where you can create your own interactive stories, games, and animations - and share your creations with others around the world. In the process of designing and programming Scratch projects, young people learn to think creatively, reason systematically, and work collaboratively. Scratch is a project of the Lifelong Kindergarten group at the MIT Media Lab. It is available for free at <http://scratch.mit.edu>

Parts List

1 × 9g Micro Servo	1 × Me 7-segment display-Red	1 × Me Orion
1 × Me Joystick	1 × Me Ultrasonic Sensor	1 × Me Potentionmeter
1 × Me Light and Grayscale Sensor	1 × Me RJ25 Adapter	1 × Me PIR Motion Sensor
4 × 6P6C RJ25 cable-20cm	1 × Me Sound Sensor	2× 6P6C RJ25 cable-35cm
1 × Me Temperature Sensor	1 × 6P6C RJ25 cable-50cm	1 × Me 130 DC Motor Pack
1 × USB 2.0 A-Male to Micro B-Male Cable	1 × Me Bluetooth Module (Dual Mode)	1 × Battery Holder for (6)AA
1 × Me RGB LED		