

DESCRIPTION

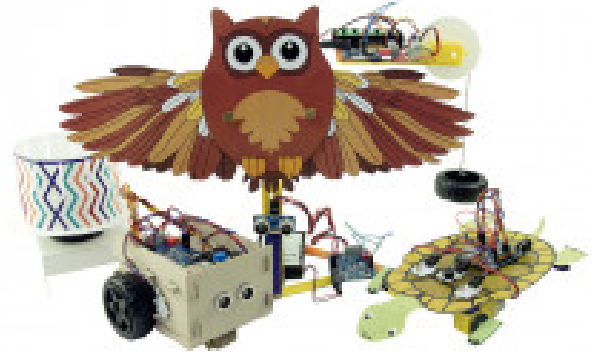
Maker Inventor Kit is an electronics and programming kit designed for the user to build and program their own inventions. It includes 5 projects and it is possible to create hundreds more inventions. All 5 projects are already programmed on the Build&Code 4in1 board to work without having to program.

The Maker Inventor Kit includes the Build&Code 4in1 electronic board that, like a brain, controls electronic components according to the programmed instructions and brings the various inventions to life. It is compatible with Arduino and different block programming software.

The Maker Inventor Kit is designed to learn how to program. The Build&Code 4in1 board already has programmed the 5 inventions included in the kit, to make them work when connecting the board, without programming. Once the user develops their own programs, they can record them on the Build&Code 4in1 board and delete the pre-recorded ones. Inventions can be controlled via a smartphone or tablet, thanks to Bluetooth connectivity.

Technical specifications

- Build&Code 4in1
- Microcontroller ATmega328P
- Operating voltage: 5V DC
- Input voltage (recommended): 7-12V DC
- Input voltage (limit): 6-20V DC
- 12 Digital I/O ports
- 7 Digital In/Output (I/O) PWM Ports
- 6 Analog InputS ports
- I/O pin current: 20mA
- Clock speed: 16Mhz
- Bluetooth 2.0 connectivity
- Direct connection for DC motors
- Size: 68 x 53 mm
- Weight: 25g
- Programmable with Arduino IDE and various *software block programming graphics*
- Compatible with MacOS, Windows and Linux



TECHNICAL SPECIFICATIONS.

Compatibility	Windows / Mac OS
Connectivity	USB / Bluetooth
Type	Robotics kit
Power	USB/6 AA batteries
Education levels	Primary / Secondary
Coding language	Code (Arduino IDE)/Blocks (mBlock 3)

STRENGTHS