



Elektor MIT App Inventor Bundle

KIT-18006

DESCRIPTION

The Elektor MIT App Inventor Bundle is a kit built to help learn about developing apps for Android compatible mobile devices using the MIT App Inventor online development environment. MIT App Inventor projects can be in either standalone mode or use an external processor. In standalone mode, the developed application runs only on the mobile device (e.g. Android). In external processor-based applications, the mobile device communicates with an external microcontroller-based processor, such as Raspberry Pi, Arduino, ESP8266, ESP32, etc.

The kit comes with a book and a selection of parts that correspond with a number of projects. Check out the features and Includes tab for more information

INCLUDES

- MIT App Inventor Book
- Elektor MIT App Inventor Starter Kit
 - 4x LED
 - 4x 470 Ohm resistor
 - 1x 330 Ohm resistor
 - 1x 1K resistor
 - 1x 2K resistor
 - 1x 100 Ohm resistor
 - 1x DC motor (small)
 - 1x DHT11 sensor
 - 1x 1N4148 diode (small)
 - 1x 4-way relay module
 - 1x HC-06 Bluetooth module
 - 1x Parallel LCD 16x2 monochrome
 - 1x I²C LCD
 - 1x LM35DZ sensor chip
 - 1x Small stepper motor (28BYJ-48)
 - 1x Stepper motor driver board (ULN2003)
 - 1x ESP-01 processor
 - 1x NPN transistor BC547
 - 6x F-M jumper wires
 - 6x M-M jumper wires
 - 1x Breadboard (small)

FEATURES

- Projects Include:
 - Using the text-to-speech component
 - Intonating a received SMS message
 - Sending SMS messages
 - Making telephone calls using a contacts list
 - Using the GPS and Pin-pointing our location on a map
 - Speech recognition and speech translation to another language
 - Controlling multiple relays by speech commands
 - Projects for the Raspberry Pi, ESP32 and Arduino using Bluetooth and Wi-Fi
 - MIT APP Inventor and Node-RED projects for the Raspberry Pi

Note:**Notice.** This product requires other products in order to function properly.

See essential products.

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Upon adding an item to your cart, we want to make sure that you have everything you need to get this item up and running properly. With a robust catalog of over 2000 products, some of the products that we carry need other products in order to work.

Essentials



Raspberry Pi
Zero W (with
Headers)

○ DEV-15470

<https://www.sparkfun.com/products/18006/5-2-22>