



## Ks0086 ARDUBLOCK Graphical Programming Starter Kit

### Introduction:

Ardublock zero-based programming kit is a new graphical programming study kit which is based on Arduino enthusiasts and developed by keyestudio. It greatly lowers the difficulty in program learning for enthusiasts. All computer language and professional statements of a program can be simplified into blocks. Compiling is as easy as block building. Interactive with Arduino development board, they can achieve exciting works.

The open source feature of Arduino makes it extremely popular. You can find a many learning communities on the Internet. Ardublock is a graphical programming environment, just like blocks building, which greatly lowers the learning difficulty for starters. As long as you love it, everyone can play with Arduino without professional knowledge or relevant background. As for parents who stress on the education of next generation, this will be one of your best way to interact with your children.

### Project List:

- Project 1: LED Blinking
- Project 2: PWM Regulating Light Brightness
- Project 3: Flowing Light
- Project 4: Button-controlled LED
- Project 5: Passive Buzzer Sound Production
- Project 6: Active Buzzer Sound Production
- Project 7: Reading-out Analog Value
- Project 8: Light-controlled Sound
- Project 9: Sound-controlled Light
- Project 10: Servo Motor Control
- Project 11: Ultrasonic Distance Measurement
- Project 12: PS2 Joystick Module
- Project 13: LM35 Temperature Sensor
- Project 14: 5V Relay Module
- Project 15: Tilting Switch Module
- Project 16: Capacitive Touch Module Control LED
- Project 17: Flame Alarm Module
- Project 18: Reed Switch Module
- Project 19: Human Body IR Pyroelectricity
- Project 20: Line Tracking Sensor
- Project 21: MQ-2 Combustible Gas and Smoke Sensor
- Project 22: Soil Module

### Resources:

[https://wiki.keyestudio.com/Ks0086\\_ARDUBLOCK\\_Graphical\\_Programming\\_Starter\\_Kit](https://wiki.keyestudio.com/Ks0086_ARDUBLOCK_Graphical_Programming_Starter_Kit)