

- Microcontrollers
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StampWorks Experiment Kit



It's easy to get started micro-controlling your world with StampWorks. The StampWorks manual includes 35 experiments based on the BASIC Stamp<sup>®</sup> 2 microcontroller and the Professional Development Board (included). StampWorks gives you the hardware, the electrical components and, most importantly, the know-how to become a confident embedded programmer. Working your way through StampWorks you will learn about efficient embedded design, connecting circuits and "smart" sensors to the BASIC Stamp, adding computer control to your projects, and "PowerPBASIC" programming techniques.

After you've worked your way through StampWorks you'll be able to write your own BASIC Stamp programs to control your hobby, engineering, and student projects using a variety of electronic circuits - and you'll be able to do it with the confidence. However; this kit is recommended for those with previous microcontroller experience. If you are new to BASIC Stamp programming it is recommended to start with the BASIC Stamp Discovery Kit (#27207) or Robotics with the Boe-Bot (#28132)

Features:

- Flash LEDs
- 7-segment & Parallel LCD Display
- Push Buttons & Switches
- Add sound
- Light Controlled Theremin
- Servo & Stepper Motor Control
- Measure Temperature & Voltage
- Advanced Programming Techniques

Kit Contents:

- Parallax Professional Development Board
- 12 V @ 1 A wall-mount power supply
- BASIC Stamp 2 module
- Serial Cable
- Parallax USB to RS232 Serial Adapter
- Parallel LCD Display
- Parallax Standard Servo
- Stepper Motor
- BASIC Stamp Syntax & Reference Manual v2.2
- StampWorks Manual v2.1
- Complete Component Listing

Parallax Perspective:



Click to Watch Video

Downloads & Resources:  
StampWorks Manual ver2.1 (.pdf)  
StampWorks Source Code Files (.zip)  
Other Resources

Related Products

12 Volt 1 Amp Power Supply



BASIC Stamp 1 Module



Starting from: 10 pieces  
Starting from: 25 pieces  
Starting from: 100 pieces  
Starting from: 250 pieces  
Starting from: 1000 pieces

BASIC Stamp 1 Serial Adapter



Starting from: 5 pieces  
Starting from: 10 pieces

BASIC Stamp 1 Starter Kit



Starting from: 5 pieces  
Starting from: 10 pieces  
Starting from: 20 pieces

BASIC Stamp 2p 40-Pin Module



Starting from: 5 pieces  
Starting from: 10 pieces  
Starting from: 25 pieces  
Starting from: 100 pieces

BASIC Stamp Activity Kit



Starting from: 5 pieces  
Starting from: 10 pieces  
Starting from: 20 pieces

BASIC Stamp Discovery Kit - Serial (With USB Adapter and Cable)



Starting from: 5 pieces  
Starting from: 10 pieces  
Starting from: 20 pieces

BASIC Stamp Discovery Kit (USB)



Starting from: 5 pieces  
Starting from: 10 pieces  
Starting from: 20 pieces

Propeller Starter Kit



SX Tech Tool Kit



SX28AC/DP-G (Lead-Free)



Starting from: 50 pieces  
Starting from: 100 pieces  
Starting from: 1000 pieces

SX-Key (USB)



Customers who bought this also bought

BASIC Stamp 2 Module



Starting from: 10 pieces  
Starting from: 25 pieces  
Starting from: 100 pieces  
Starting from: 250 pieces  
Starting from: 1000 pieces

3 Pin Single Row Header (long)



Starting from: 10 pieces  
Starting from: 100 pieces

2A high gain transistor



Starting from: 10 pieces  
Starting from: 100 pieces

14-inch Extension Cable with 3-pin Header



Starting from: 5 pieces  
Starting from: 10 pieces  
Starting from: 20 pieces  
Starting from: 50 pieces

SX28AC/DP-G (Lead-Free)



Starting from: 50 pieces  
Starting from: 100 pieces  
Starting from: 1000 pieces

Understanding Signals Parts and Text (Includes the Parallax USB Oscilloscope)



Starting from: 5 pieces  
Starting from: 10 pieces  
Starting from: 20 pieces