

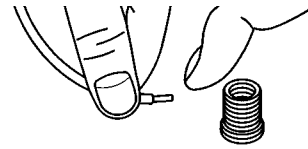
ELECTRONIC SCIENCE & PROJECT LABS

NO TOOLS OR SOLDERING REQUIRED!

These “Electronic Science Labs” will teach you about electronics from A-Z. With these all-in-one labs, you’ll learn about electronic parts, how to read schematics, and wiring diagrams. All this while building up to **500** different projects. These kits use two quick and easy hook-up methods:

Spring Method:

Simply slip pre-cut wires and components into special springs for a safe, secure connection.



Model EP-50

Over 50 Electronic Projects

Build these exciting circuits:

- Finger touch lamp
- Magnetic bridge
- Voltmeter
- Morse code
- Alarm
- Electronic noisemaker
- Electronic kazoo
- Electronic keyboard
- Transistor radio
- Radio announcer
- Metal detector

Learn about:

- Voltage
- Current
- Resistors
- Capacitors
- Transistors
- Diodes
- Transformers
- Speakers
- Antennas

IDEAL FOR
MIDDLE
SCHOOLS

OVER 50 EXPERIMENTS

Specifically Designed for Beginners.

(Spanish Manual Available)

Requires 1 9V battery (part # 590009)



Uses spring hook-up method

75-IN-ONE Electronic Project Lab

Model MX-905

- Easy-to-read, illustrated, lab-style manual included.
- Learn basic principles of electricity, electronics, physics and magnetism!



Uses spring hook-up method

Requires 4 “AA” batteries (part # 590001)

Everything You Need to Build:

- | | | |
|------------------------|--------------------------|-------------------------|
| • Timer Buzzer | • Electronic Organ | • Sound-sensor Timer |
| • Sound Alarm | • Motion Detector | • Four-level Photometer |
| • Burglar Alarm | • First-Aid Siren | • Two Stage Timer Sound |
| • Photo-level Alarm | • Pulse Width Modulation | • Voltage Detector |
| • Logic Tester | • Water Level Alarm | • Conductivity Tester |
| • Electronic Coin Toss | • Sound Level Meter | • Optical Volume |
| • Motion LED | • DC to DC Converter | • AND MANY, MANY MORE! |

130-IN-ONE Electronic Project Lab

Model MX-906

- Easy-to-read, illustrated, lab-style manual included.
- Learn basic principles of electricity, electronics, physics and magnetism!
- Comes with built-in speaker, 7-segment LED display, two fully integrated circuits and rotary controls.

Everything You Need to Build:

- | | |
|------------------------|------------------|
| • AM Broadcast Station | • Timer |
| • Electronic Organ | • Logic Circuits |
| • Strobe Lights | • AND MUCH MORE |

Requires 6 “AA” batteries (part # 590001)



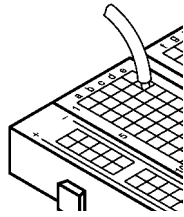
Uses spring hook-up method

(Portuguese & French Manuals Available)

ELECTRONIC SCIENCE & PROJECT LABS

Breadboard Method:

Featured in our advanced kits, this system is used by professionals and engineers. Just plug the components and wires into the special breadboard socket holes.



No soldering is required. Everything uses safe battery power - no dangerous AC is required, so it's

safe for all ages. Labs come with all components and wires needed to build each project. **NO TOOLS ARE REQUIRED.** No prior knowledge is needed to assemble and build these exciting projects. Easy-to-read, illustrated, lab-style manuals take you through each electronic experiment step-by-step. All are designed for ages 10 & up, so these are ideal for **MIDDLE SCHOOLS** and **HIGH SCHOOLS**.

500-IN-ONE Electronic Project Lab

Model MX-909

- Everything you need to build 500 Exciting Electronic Projects:
 - Learn the basics of electronics and put your knowledge to work creating 500 different electronic experiments, special lighting effects, radio transmitter and receivers, amazing electronic sound effects, cool games and MORE!
 - Includes built-in breadboard for easy wiring and connection of components, and an LCD (Liquid Crystal Display) indicates the information during the experiments in process!
 - Build your knowledge by exploring amplifiers, analog and digital circuits plus how to read schematic diagrams.
 - Includes transistors, transformers, diodes, resistors, capacitors, phototransistors, CDs, integrated circuits, speaker, earphone, LEDs, LED digit display!
- Fact-filled, illustrated, lab-style manual included.

Requires 6 "AA" batteries.



Uses breadboard and spring hook-up methods

(Japanese & Portuguese Manuals)

300-IN-ONE Electronic Project Lab

Model MX-908

Everything You Need to Build 300 Exciting Electronic Projects:

- A Transistor Radio
- IC Organ
- Burglar Alarm
- Delayed Timer
- Electronic Game
- Optical Volume
- Multiplier
- Easy-to-read, illustrated, lab-style manual included.
- Multiple Counter
- Digital Light Dimmer
- Tone Burst Generator
- Audio Signal Tracer
- Electronic Candle
- Voice Level Meter
- Metal Detector
- Rain Detector
- Voltage Drop Alarm
- Logic Checker
- Function Generator
- Voltage Controlled Amplifier
- AND MANY, MANY MORE!



Uses spring and breadboard hook-up methods

Requires 6 "AA" batteries.

(Portuguese, Dutch, & French Manuals Available)



200-IN-ONE Electronic Project Lab

Model MX-907

- Easy-to-read, illustrated, lab-style manual included.
- Learn about transistors, transformers, diodes, capacitors, oscillators, basic electronic circuits, and schematic symbols.
- Build your own Radio, AM Broadcast Station, Burglar Alarm, Electronic Game, Ohmmeter, Telegraph, Rain Detector, Amazing Sound Effects, and Much More!
- With built-in speaker, earphone, meter, seven-segment LED digital display, out-front controls, and more!

Requires 6 "AA" batteries.



Uses spring hook-up method

(French Manual Available)