

Snap Circuits SC-BRIC1

Snap Circuits BRIC: Structures Instruction Manual

Brand: Snap Circuits | **Model:** SC-BRIC1

INTRODUCTION

The Snap Circuits BRIC: Structures kit combines traditional building bricks with electronic components, allowing users to create interactive structures with lights, sounds, and moving parts. This kit is designed to introduce principles of electrical engineering and circuitry through hands-on construction.

This manual provides essential information for setting up, operating, and maintaining your Snap Circuits BRIC: Structures kit. It also includes safety guidelines and product specifications.

SAFETY INFORMATION

Warning: Small Parts. Not for children under 3 years.

Always supervise young children during assembly and operation. Ensure all connections are made correctly to prevent short circuits. Do not attempt to modify the electronic components. Use only the recommended battery type and ensure correct polarity.

WHAT'S IN THE BOX

Your Snap Circuits BRIC: Structures kit includes the following components:

- 75 Snap-2-Bric Adapters
- 20 Snap Modules (various electronic components)
- 1 BRIC Remover Tool
- 139 Assorted BRICs (building bricks)
- 1 Instruction Manual (full-color project manual)

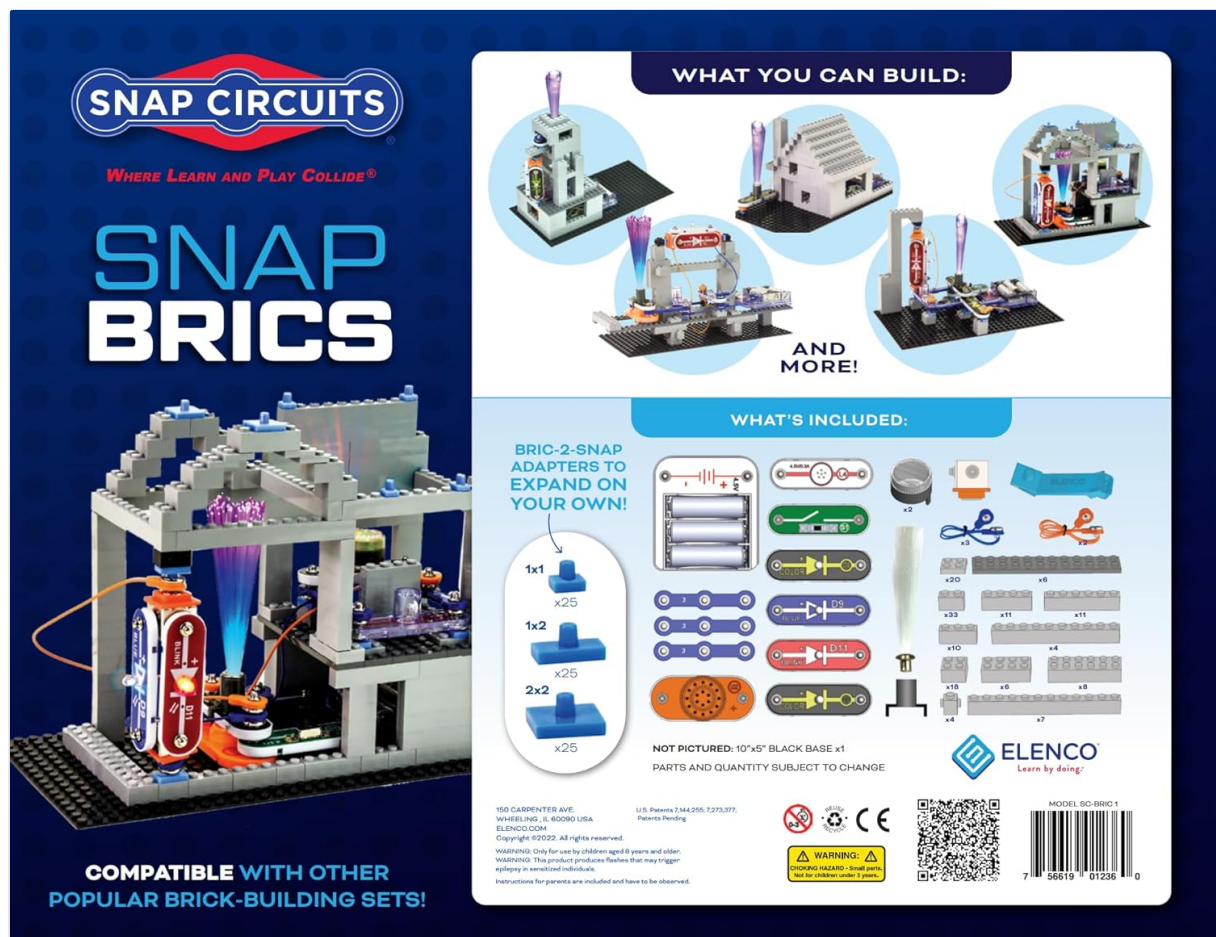


Image: Overview of the kit contents, showing various Snap Modules, BRIC-2-Snap Adapters, and building bricks. This image also illustrates several example structures that can be built.

SETUP

1. **Unpack Components:** Carefully remove all parts from the packaging. Verify that all items listed in the "What's in the Box" section are present.
2. **Battery Installation:** The kit requires 3 AA batteries (not included). Locate the battery module and install the batteries, ensuring correct polarity (+/-).
3. **Review the Manual:** Before beginning any project, familiarize yourself with the full-color instruction manual. It provides detailed, step-by-step instructions for over 20 projects.



**Our mission is to
provide quality,
innovative toys and
educational products
that are fun, affordable,
engaging, and designed
to instill a passion for
learning and creating.**

Image: A child and an adult engaging with the Snap Circuits BRIC: Structures kit, with the instruction manual open on a table, demonstrating the setup process.

OPERATING INSTRUCTIONS

The Snap Circuits BRIC: Structures kit allows you to integrate electronic circuits with your brick constructions. Follow these general guidelines for operation:

1. **Understand Snap Modules:** Each Snap Module has a specific electronic function (e.g., light, sound, switch, battery). Refer to the instruction manual for details on each module.
2. **Using BRIC-2-Snap Adapters:** These adapters allow you to connect Snap Modules to standard building bricks. Simply snap a Snap Module onto the adapter, then integrate the adapter into your brick structure.
3. **Building Projects:**
 - Select a project from the included manual.
 - Follow the step-by-step diagrams and instructions to assemble the brick structure.
 - Integrate the specified Snap Modules and BRIC-2-Snap Adapters into your structure as indicated.
 - Connect the Snap Modules using the provided snap wires to complete the circuit.
 - Once the circuit is complete and batteries are installed, activate the project using any switches or sensors.

INTEGRATE BELLS, LIGHTS, ALARMS AND MORE TO ANY BRICK BUILD

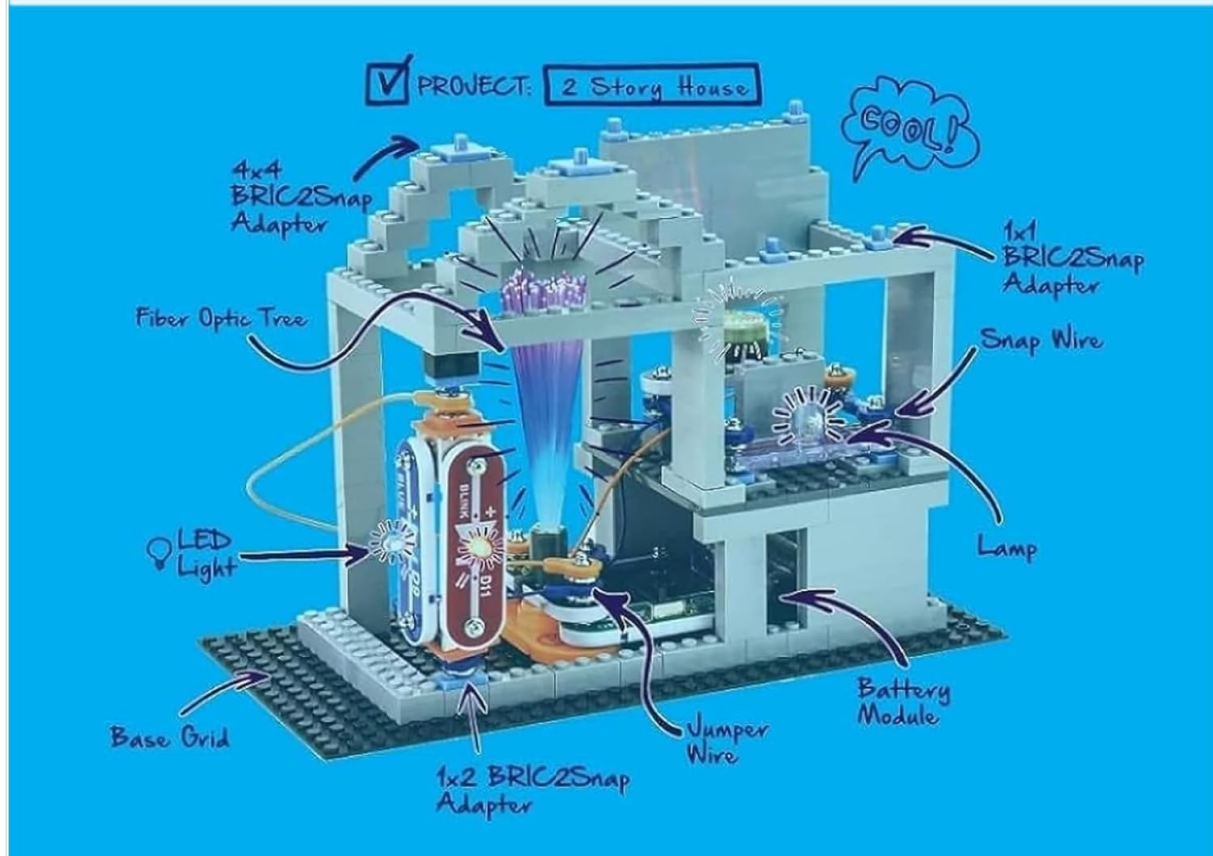


Image: A detailed diagram illustrating the "2 Story House" project, highlighting the integration of Snap Circuits components like the battery module, LED light, fiber optic tree, and various BRIC-2-Snap adapters within a brick structure.



Image: A close-up view of the different sizes of BRIC-2-Snap adapters (1x1, 1x2, and 2x2), which are essential for connecting Snap Circuits modules to building bricks.

MAINTENANCE

- **Cleaning:** Wipe components with a dry, soft cloth. Do not use water or cleaning solutions on electronic parts.
- **Storage:** Store all components in their original packaging or a suitable container to prevent loss or damage. Keep away from extreme temperatures and moisture.
- **Battery Care:** Remove batteries from the battery module if the kit will not be used for an extended period to prevent leakage. Dispose of used batteries responsibly.
- **Component Inspection:** Periodically inspect snap connections and wires for any signs of wear or damage. Replace any damaged parts if necessary.

TROUBLESHOOTING

If your project is not functioning as expected, consider the following common issues:

- **No Power:**
 - Check if batteries are installed correctly with the right polarity.
 - Ensure batteries are fresh and not depleted.

- Verify that the power switch (if any) is in the "ON" position.

- **Circuit Not Working:**

- Review the project diagram in the manual carefully. Ensure all components are connected in the correct sequence and orientation.
- Check that all snap connections are firm and secure.
- Ensure no wires are loose or disconnected.
- Confirm that the correct Snap Modules are being used for the project.

- **Intermittent Function:**

- Loose connections are a common cause. Press down firmly on all snap connections.
- Check for any bent or damaged snap connectors.

If problems persist, consult the detailed project manual or contact customer support.

SPECIFICATIONS

Feature	Detail
Product Dimensions	10.2 x 5.2 x 23.5 inches
Item Weight	10.2 ounces
Model Number	SC-BRIC1
Manufacturer Recommended Age	8 - 15 years
Batteries Required	3 AA batteries (not included)
Manufacturer	Elenco Electronics LLC
Release Date	July 15, 2018

WARRANTY AND SUPPORT

For warranty information and customer support, please refer to the documentation included with your product or visit the official Snap Circuits website. Contact details for Elenco Electronics LLC, the manufacturer, can typically be found on the product packaging or their official website.

You can also visit the [Snap Circuits Store on Amazon](#) for additional product information and resources.

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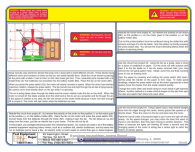
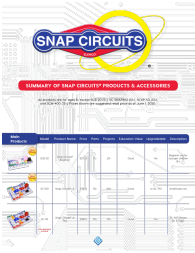
This manual is for informational purposes only. Specifications are subject to change without notice.

Related Documents - SC-BRIC1



[Snap Circuits Bric: Structures Instruction Manual - Learn Electronics](#)

Discover electronics with Snap Circuits Bric: Structures. This manual guides users aged 8-108 through 26+ projects using snap-together components. Learn circuit building, STEM concepts, and safety with Elenco Electronics.

	<p><u>Snap Circuits Arcade: Games of Learning and Fun Projects</u></p> <p>Explore over 200 exciting projects and build-and-play games with Elenco's Snap Circuits Arcade. This comprehensive manual guides users through fun electronic experiments and learning opportunities for ages 8-108.</p>
	<p><u>Snap Circuits STEM Instruction Manual: Projects 1-93</u></p> <p>Explore electronics and STEM with the Elenco Snap Circuits STEM kit. This manual guides users through 93 hands-on projects, covering fundamental concepts in electricity, magnetism, and circuit building for ages 8-108.</p>
	<p><u>Snap Circuits Snap 2 IT! Game Instructions and Examples</u></p> <p>A comprehensive guide to playing the Snap Circuits Snap 2 IT! game, including setup, gameplay rules, winning circuit examples, and alternative play modes. Learn how to build circuits and win the game by connecting lights to the battery pack.</p>
	<p><u>Snap Circuits Flying Saucer Model SCP-06: Instructions and Projects</u></p> <p>Comprehensive guide for the Snap Circuits Flying Saucer Model SCP-06. Learn to build the flying saucer, fan, and explore creative projects like hypnotic patterns and spin drawing. Includes product details, parts list, and safety information.</p>
	<p><u>Snap Circuits Products and Accessories Summary</u></p> <p>Comprehensive overview of the Snap Circuits product line, featuring electronic kits for learning and experimentation. Includes details on main products, themed sets, educational series, mini kits, upgrade options, and accessories, with information on models, prices, parts, projects, and age recommendations.</p>