

SpyX 10741

SpyX DIY Motion Alarm Instruction Manual

Brand: SpyX

Model: 10741

INTRODUCTION

Welcome to the world of SpyX! The SpyX DIY Motion Alarm kit provides an exciting and educational experience, allowing you to build your very own real-working motion sensor. This STEM (Science, Technology, Engineering, and Mathematics) kit is designed to teach the fundamentals of circuits and electronics in a fun, interactive way. By following these instructions, you will assemble a functional motion alarm to protect your belongings or set up a spy trap.

SAFETY INFORMATION

- Not suitable for children under 3 years old due to small parts. Choking hazard.
- Recommended for ages 8 years and up. Adult supervision is recommended during assembly and play.
- Requires 3 AAA (LR03) batteries (not included).
- Only adults should install and replace batteries.
- Do not recharge non-rechargeable batteries.
- Always double-check that your circuit configuration exactly matches the provided diagrams.

WHAT'S IN THE BOX

Your SpyX DIY Motion Alarm kit includes the following components:

- 1x Base
- 1x Battery Module
- 1x Volume Knob
- 1x Motion Module
- 1x Motion Sensor
- 1x Speaker
- 1x On/Off Switch

- Metal Springs
- Connecting Wires
- Instruction Sheet

COMPONENTS OVERVIEW

Familiarize yourself with the various parts of your SpyX DIY Motion Alarm kit before beginning assembly.

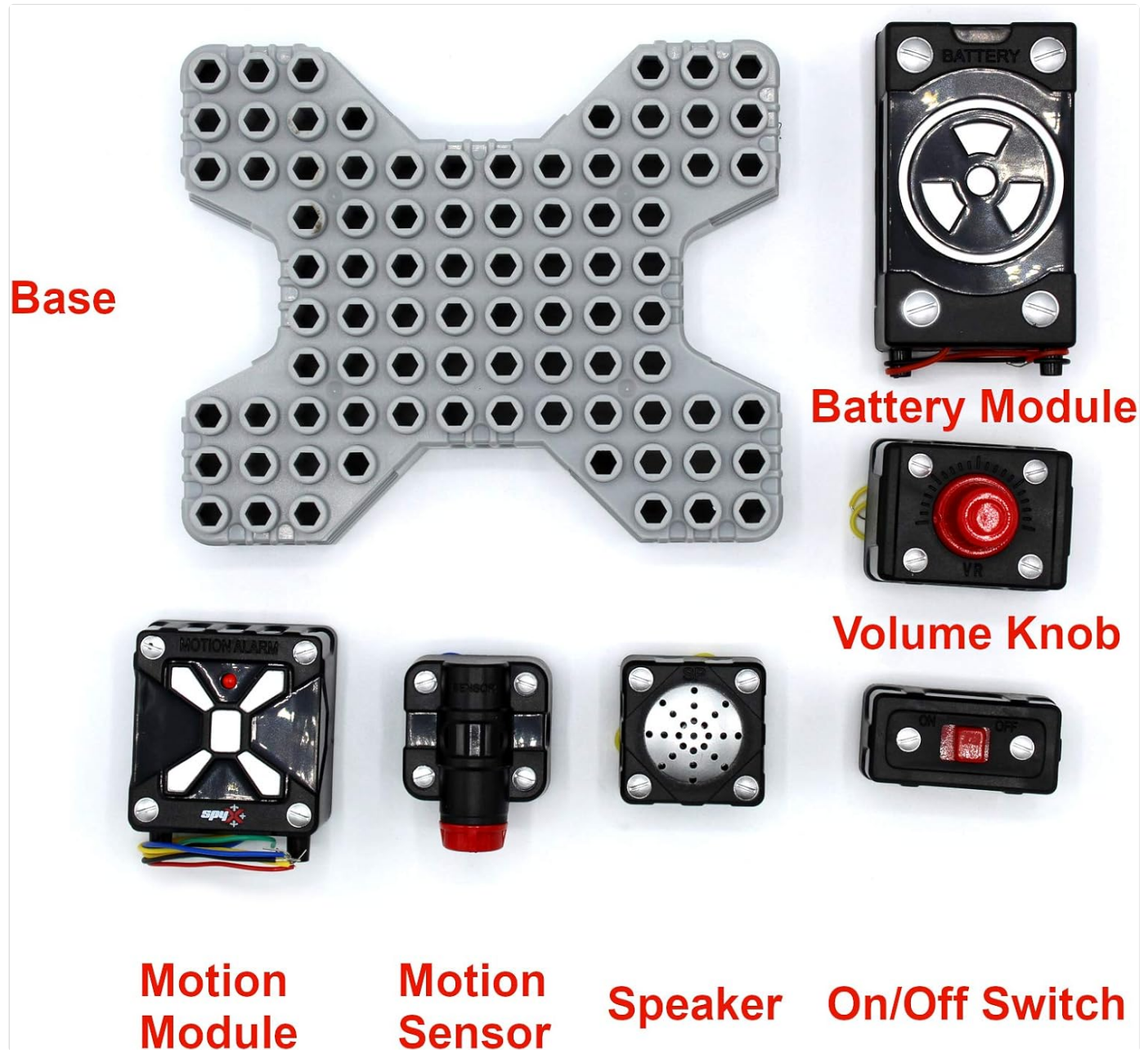
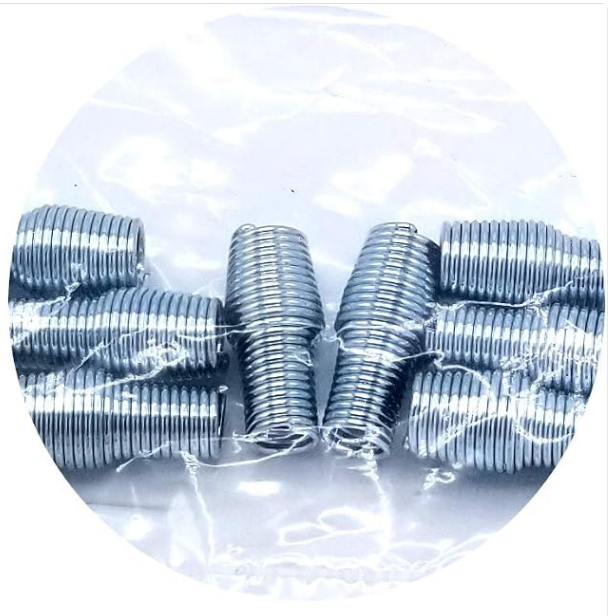


Figure 1: All components of the SpyX DIY Motion Alarm kit, clearly labeled for easy identification.



Wires



Springs



Figure 2: The connecting wires and metal springs used for circuit assembly.

SETUP AND ASSEMBLY

Follow these steps to assemble your SpyX DIY Motion Alarm:

1. **Insert Batteries:** Locate the Battery Module. An adult should open the battery compartment and insert 3 AAA (LR03) batteries, ensuring correct polarity (+/-). Close the compartment securely.
2. **Place Modules on Base:** Refer to Figure 1 for component identification. Carefully place each module (Battery Module, Volume Knob, Motion Module, Motion Sensor, Speaker, On/Off Switch) onto the designated studs on the Base. The modules are designed to fit snugly.
3. **Connect Wires:** Using the provided connecting wires and metal springs (Figure 2), connect the modules according to the circuit diagram in your instruction sheet. Ensure all connections are firm and match the diagram precisely to ensure proper functionality.
4. **Final Assembly Check:** Once all modules are in place and wires are connected, double-check all connections. The

assembled alarm should resemble the image below.



Figure 3: The fully assembled SpyX DIY Motion Alarm.

For a visual guide on assembly, watch the official SpyX DIY Kit video:

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Video 1: Official SpyX DIY Kit overview, demonstrating assembly and features.

OPERATING INSTRUCTIONS

Once assembled, your SpyX DIY Motion Alarm is ready for action:

1. **Power On:** Flip the On/Off Switch to the "ON" position. The red LED on the Motion Module will flash for approximately 3 seconds, indicating that the alarm is arming.
2. **Position the Sensor:** Adjust the Motion Sensor towards the area you wish to monitor. This could be a doorway, a hallway, or near a valuable item you want to protect. The sensor works best in bright light conditions.
3. **Adjust Volume:** Use the Volume Knob to set the desired alarm sound level.

4. **Detection:** When motion is detected within the sensor's range, the alarm will sound, alerting you to an intruder.
5. **Power Off:** To deactivate the alarm, simply flip the On/Off Switch to the "OFF" position.



Figure 4: Demonstrating the use of the SpyX DIY Motion Alarm.

See the SpyX DIY series in action, including the Motion Alarm:

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Video 2: SpyX DIY Series showcasing various spy gadgets, including the Motion Alarm.

MAINTENANCE

- **Cleaning:** Wipe the modules and base with a dry, soft cloth. Do not use abrasive cleaners or immerse in water.
- **Battery Replacement:** When the alarm sound becomes weak or the LED does not light up, it's time to replace the batteries. Always replace all 3 AAA batteries at the same time.
- **Storage:** Store the kit in a cool, dry place away from direct sunlight when not in use.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Alarm does not activate.	◦ Batteries are dead or incorrectly installed. ◦ On/Off Switch is in the "OFF" position. ◦ Wires are not connected properly. ◦ Motion Sensor is obstructed or not positioned correctly.	◦ Replace batteries with new AAA batteries, ensuring correct polarity. ◦ Flip the On/Off Switch to "ON". ◦ Check all wire connections against the circuit diagram. ◦ Ensure the Motion Sensor has a clear line of sight to the detection area.

Problem	Possible Cause	Solution
Alarm sound is too low or distorted.	◦ Volume Knob is set too low. ◦ Batteries are low.	◦ Adjust the Volume Knob to a higher setting. ◦ Replace batteries with new AAA batteries.
Red LED does not flash upon power on.	◦ Batteries are dead or incorrectly installed. ◦ On/Off Switch is in the "OFF" position. ◦ Motion Module connection issue.	◦ Replace batteries with new AAA batteries, ensuring correct polarity. ◦ Flip the On/Off Switch to "ON". ◦ Verify the connection of the Motion Module to the base and wires.

SPECIFICATIONS

Feature	Detail
Product Dimensions	5 x 4 x 3.4 inches
Item Weight	6.1 ounces
Model Number	10741
Recommended Age	8 years and up
Batteries Required	3 AAA batteries (not included)

WARRANTY AND SUPPORT

For any questions, technical support, or warranty inquiries regarding your SpyX DIY Motion Alarm, please refer to the contact information provided on the product packaging or visit the official SpyX website. Keep your purchase receipt as proof of purchase for warranty claims.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question