

Ring Alarm Range Extender (2nd Gen)

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Instruction Manual

Model: Alarm Range Extender (2nd Gen)

INTRODUCTION

The Ring Alarm Range Extender (2nd Gen) is designed to expand the Z-Wave network coverage of your Ring Alarm Base Station. This device helps eliminate dead zones and ensures reliable communication between your Base Station and other Ring Alarm components, such as sensors and keypads, especially in larger homes or properties with multiple structures. It is an essential component for maintaining a robust and responsive Ring Alarm system.

Ring Alarm Range Extender

Expand your
Ring Alarm network



Image: The Ring Alarm Range Extender (2nd Gen), a compact white device designed to extend your Ring Alarm network.

WHAT'S IN THE BOX

Your Ring Alarm Range Extender (2nd Gen) package typically includes:

- Ring Alarm Range Extender (2nd Gen) unit
- Quick Start Guide (not included in this digital manual)

SETUP

Placement

For optimal performance, consider the following when choosing a location for your Range Extender:

- Plug the Range Extender into a standard indoor wall outlet that is centrally located between your

Ring Alarm Base Station and the Ring Alarm components you wish to extend coverage to.

- Avoid placing the extender in areas with significant metal obstructions or thick concrete walls, as these can interfere with Z-Wave signals.
- If extending coverage to an outdoor sensor or a separate structure, placing the extender in an enclosed outdoor outlet or near an exterior wall closest to the device can improve signal strength.



Easily plugs into standard outlets

Image: The Ring Alarm Range Extender (2nd Gen) plugged into a standard wall outlet, demonstrating its compact design.

Pairing with Ring Alarm Base Station

The Ring Alarm Range Extender (2nd Gen) is designed for easy plug-and-play setup. Follow these steps to add it to your Ring Alarm system:

1. Ensure your Ring Alarm Base Station is powered on and connected to your network.
2. Plug the Range Extender into an available standard indoor wall outlet.
3. Open the Ring app on your smartphone or tablet.
4. Navigate to the menu (usually three lines or dots) and select "**Set Up a Device**".
5. Choose "**Security**" from the list of device types.
6. Select "**Range Extenders**" and follow the on-screen prompts to scan the QR code or enter the 5-digit PIN located on the back of your Range Extender.
7. The app will guide you through the remaining steps to connect the extender to your Base Station.

Once connected, the LED indicator on the extender will confirm its status.

OPERATING INSTRUCTIONS

Once successfully paired, the Ring Alarm Range Extender (2nd Gen) operates automatically to enhance your Ring Alarm system's Z-Wave network. It functions by receiving signals from your Base Station and re-transmitting them to other Ring Alarm components, effectively extending the communication range.

- **Network Extension:** The extender boosts the Ring Alarm system's Z-Wave network, extending its reach by an additional 250 feet from the Base Station. This ensures that all your Ring Alarm sensors and devices maintain a strong and reliable connection.
- **Battery Backup:** The device includes a 24-hour lithium-ion battery backup, ensuring that your Ring Alarm network remains extended even during power outages.
- **Status Indicator:** The LED light on the front of the extender provides visual feedback on its connection status. Refer to the Ring app for detailed status information.

***Note:** This Range Extender is specifically designed to boost the Ring Alarm system's Z-Wave network and does not extend Wi-Fi coverage for other devices.*

MAINTENANCE

The Ring Alarm Range Extender (2nd Gen) requires minimal maintenance to ensure continued optimal performance:

- **Cleaning:** Periodically wipe the device with a soft, dry cloth to remove dust. Do not use liquid cleaners or abrasive materials.
- **Environment:** Ensure the device is used within its specified operating conditions (32°F to 104°F or 0°C to 40°C) and in an indoor environment. Avoid exposure to moisture, direct sunlight, or extreme temperatures.
- **Firmware Updates:** Keep your Ring app and Base Station firmware updated to ensure compatibility and access to the latest features and security enhancements for all your Ring devices, including the Range Extender.

TROUBLESHOOTING

If you experience issues with your Ring Alarm Range Extender (2nd Gen), consider the following troubleshooting steps:

- **Device Not Connecting/Offline:**
 - Verify the Range Extender is securely plugged into a working power outlet.
 - Check the LED indicator on the extender. If it's not lit or showing an error, try unplugging it

for 10 seconds and plugging it back in.

- Ensure your Ring Alarm Base Station is online and functioning correctly.
- Move the Range Extender closer to the Base Station during the pairing process, then relocate it to its desired position.
- Attempt to re-add the device through the Ring app (Set Up a Device > Security > Range Extenders).

- **Spotty Connection to Sensors:**

- The Range Extender's effectiveness depends on its placement. Try repositioning the extender to a more central location between the Base Station and the affected sensors.
- Ensure there are no large metal objects or thick walls directly between the extender and the sensors, or between the extender and the Base Station.
- Consider adding an additional Range Extender if your property is very large or has multiple floors/structures.

- **Power Outage Issues:**

- The Range Extender has a 24-hour battery backup. If power is out for longer, the extender will cease to function until power is restored.
- Upon power restoration, the extender should automatically reconnect to the Base Station. If not, follow the "Device Not Connecting/Offline" steps.

SPECIFICATIONS

Feature	Detail
Power	100-240V 60Hz
Battery Backup	24-hour lithium-ion battery
Operating Conditions	Indoor use, 32°F to 104°F (0°C to 40°C)
Dimensions	1.86 in x 3.19 in x 1.66 in
Installation	Plugs into standard power outlets; Ring Alarm Kit required
Connectivity	Z-Wave (250-foot range to Base Station, extends Z-Wave a further 250 feet)

WARRANTY AND SUPPORT

Warranty: The Ring Alarm Range Extender (2nd Gen) comes with a 1-year limited warranty and service included. Use of the Ring Alarm Kit is subject to the terms found on the official Ring website.

Support: For additional information, troubleshooting guides, and frequently asked questions, please

visit the official Ring Alarm Kit support page. For details regarding monitoring licenses, refer to ring.com/licenses.

You can find more information on the Ring Alarm Kit support page [here](#).