

## Rokuhan S045-2

# Rokuhan Z Gauge S045-2 American Notebook Railroad Crossing Instruction Manual

## 1. INTRODUCTION

This manual provides detailed instructions for the setup, operation, and maintenance of your Rokuhan Z Gauge S045-2 American Notebook Railroad Crossing. Please read this manual thoroughly before use to ensure proper functionality and longevity of the product.

## 2. PRODUCT OVERVIEW

The Rokuhan Z Gauge S045-2 American Notebook Railroad Crossing is a 1/220 scale model accessory designed for Z-gauge railway layouts. This model features a realistic railroad crossing with barriers and signals. It offers flexibility in layout design, allowing for configuration with either single or double tracks and the ability to recombine for narrow or wide road applications.



This image displays the Rokuhan Z Gauge S045-2 American Notebook Railroad Crossing model. It features two white crossing signals with red and white striped barriers in the down position, indicating a train is approaching. Red lights are visible on the signals. The crossing is positioned over model train tracks, with gray ramps leading up to the track level.

### 3. SAFETY INFORMATION

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This product is recommended for ages 8 and up. Adult supervision is advised for younger users. Keep small parts away from children under 3 years of age to prevent choking hazards. Do not attempt to modify the product as this may cause damage or injury.

### 4. SETUP

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1. **Unpacking:** Carefully remove all components from the packaging. Verify that all parts are present according to the product diagram (not included in this manual).
2. **Track Integration:** Position the railroad crossing module on your Z-gauge layout. Ensure it aligns correctly with your existing tracks. The design allows for integration with either single or double track configurations.
3. **Roadway Connection:** Attach the roadway ramps to the crossing module. These can be recombined to create either narrow or wide road approaches as needed for your layout.
4. **Electrical Connection:** Connect the crossing signals to your Z-gauge power supply according to the wiring diagram (refer to the product packaging or manufacturer's website for specific wiring instructions). Ensure correct polarity for proper operation of lights and barriers.
5. **Testing:** Before permanent installation, test the functionality of the crossing by applying power to your layout. Observe if the barriers lower and lights flash as expected.

### 5. OPERATING INSTRUCTIONS

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Once properly installed and connected to power, the Rokuhan Z Gauge S045-2 American Notebook Railroad Crossing operates automatically or can be controlled manually depending on your layout's control system. When a train approaches the crossing (if equipped with detection sensors), the barriers will lower, and the signal lights will flash, simulating a real railroad crossing. After the train has passed, the barriers will rise, and the lights will cease flashing.

### 6. MAINTENANCE

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- **Cleaning:** Regularly clean the crossing module and tracks with a soft, dry cloth to remove dust and debris. Avoid using harsh chemicals or abrasive materials.
- **Inspection:** Periodically inspect the moving parts of the barriers and the electrical connections for any signs of wear or damage.
- **Lubrication:** Do not lubricate any parts unless specifically instructed by the manufacturer.

### 7. TROUBLESHOOTING

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- **Barriers not moving:** Check all electrical connections to ensure they are secure and correctly wired. Verify that the power supply is active and providing sufficient voltage.
- **Lights not flashing:** Inspect the wiring to the signal lights. Ensure the bulbs (if replaceable) are not burnt out. Check for any loose connections.
- **Intermittent operation:** This may indicate a loose connection or an issue with the power supply. Re-check all wiring and power sources.
- **Physical obstruction:** Ensure no foreign objects are impeding the movement of the barriers.

If problems persist, consult the manufacturer's support resources or contact a qualified model railway technician.

## 8. SPECIFICATIONS

<b>Product Dimensions</b>	1.06 x 2.6 x 1.06 inches
<b>Item Weight</b>	0.704 ounces
<b>Item Model Number</b>	S045-2
<b>Manufacturer Recommended Age</b>	8 years and up
<b>Manufacturer</b>	Rokuhan

## 9. WARRANTY AND SUPPORT

For information regarding warranty coverage, technical support, or replacement parts, please refer to the official Rokuhan website or contact their customer service directly. Keep your purchase receipt as proof of purchase.