

Piko 55392

Piko 55392 Switch Drive Set Instruction Manual

INTRODUCTION

Welcome to the Piko 55392 Switch Drive Set instruction manual. This document provides essential information for the proper setup, operation, and maintenance of your Piko model train accessory. Please read these instructions carefully before use to ensure safe and correct functionality.

SAFETY INFORMATION

This product is not a toy; it is a model building item intended for enthusiasts. It is recommended for users aged 14 years and up. Keep out of reach of small children due to small parts which may pose a choking hazard. Always handle components with care and follow all electrical safety guidelines when connecting to a power source.

PACKAGE CONTENTS

The Piko 55392 Switch Drive Set includes the following components:

- 1 x Piko 55262 Control Desk for switches or signals
- 4 x Piko 55271 Electric Switch Drives for turnouts
- Stickers for individual button labeling



Image: The Piko 55392 Switch Drive Set, showing the grey control desk with red and green buttons, and four dark grey electric switch drives with wiring.

SETUP INSTRUCTIONS

1. Preparing the Electric Switch Drives (Piko 55271)

Each electric switch drive is designed for integration with Piko turnouts. Ensure your turnouts are compatible before proceeding.

1. Identify the designated mounting points on your turnout for the electric switch drive. These are typically located on the underside or side of the turnout.
2. Securely attach the electric switch drive to the turnout using appropriate fasteners. These fasteners are usually supplied with the turnout itself, not the drive set.
3. Ensure the drive mechanism is aligned correctly with the turnout's moving parts to allow smooth and unobstructed operation. Test the manual movement of the turnout blades to confirm free movement.
4. Route the wires from each electric switch drive neatly to the intended location of the control desk.

2. Connecting the Control Desk (Piko 55262)

The Piko 55262 control desk manages up to four electric switch drives.

1. Position the control desk in a convenient and accessible location on your model railway layout.
2. Connect the wires from each of the four electric switch drives (Piko 55271) to the corresponding terminals on the back of the control desk. Ensure correct polarity if specified by the turnout or drive instructions.
3. Use the provided stickers to label the buttons on the control desk according to the specific turnouts they control. This aids in clear identification during operation.
4. Connect the control desk to a suitable power supply (e.g., Piko power pack, sold separately) as per the power supply's instructions. Ensure the voltage and current specifications are compatible with the control desk and switch drives to prevent damage.

OPERATING INSTRUCTIONS

Once the electric switch drives and control desk are properly installed and powered, you can operate your turnouts.

1. **Power On:** Ensure your model railway power supply is switched on and providing power to the control desk.
2. **Select Turnout:** Identify the button pair on the control desk corresponding to the turnout you wish to operate.
3. **Change Position:**
 - Press the **red button** to move the turnout to one specific position (e.g., straight ahead).
 - Press the **green button** to move the turnout to the alternate position (e.g., diverging route).
4. **Observe Movement:** The electric switch drive will audibly and visibly move the turnout blades to the selected position.
5. **Avoid Continuous Pressing:** Do not hold the buttons down continuously after the turnout has reached its end position, as this can strain the motor and potentially cause damage. A brief, firm press is sufficient for activation.

MAINTENANCE

The Piko Switch Drive Set is designed for durability and requires minimal maintenance to ensure long-lasting performance.

- **Cleaning:** Periodically clean the control desk and switch drives with a soft, dry cloth. Avoid using harsh chemicals, solvents, or abrasive materials, as these can damage the plastic components or electronic circuits.
- **Inspection:** Regularly inspect all wiring connections to ensure they are secure and free from damage or corrosion. Loose connections can lead to intermittent operation or electrical issues.
- **Lubrication:** The electric switch drives are generally maintenance-free and do not require lubrication. Do not attempt to lubricate internal mechanisms unless specifically instructed by Piko, as this may attract dust and hinder operation.
- **Storage:** When not in use for extended periods, store the components in a dry, dust-free environment, away from direct sunlight and extreme temperatures.

TROUBLESHOOTING

If you encounter issues with your Piko Switch Drive Set, refer to the following common problems and solutions:

- **Problem: Turnout does not move when button is pressed.**
 - **Solution 1:** Check all power connections to the control desk and the main power supply. Ensure they are firmly seated.
 - **Solution 2:** Verify that the power supply is switched on and providing adequate voltage and current.
 - **Solution 3:** Ensure the wires from the electric switch drive are securely connected to the correct terminals on the control desk.
 - **Solution 4:** Inspect the electric switch drive and turnout mechanism for any physical obstructions (e.g., debris, misaligned parts) preventing movement.
- **Problem: Turnout moves slowly or with difficulty.**
 - **Solution 1:** Check for any debris or foreign objects obstructing the turnout mechanism or the drive's moving parts.
 - **Solution 2:** Ensure the electric switch drive is correctly mounted and aligned with the turnout. Misalignment can cause friction.
 - **Solution 3:** Verify the power supply is providing sufficient power. A weak power supply can lead to sluggish operation.
- **Problem: Control desk buttons are unresponsive.**
 - **Solution 1:** Confirm the control desk is receiving power from the power supply.
 - **Solution 2:** Check for any loose or damaged wiring between the control desk and the power supply.

If problems persist after attempting these solutions, contact Piko customer support or consult a qualified model railway technician for further assistance.

SPECIFICATIONS



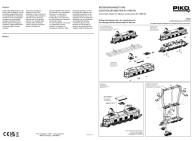



Feature	Detail
Model Number	55392
Brand	Piko
Scale	H0
Control Desk Model	55262
Electric Switch Drive Model	55271 (4 units included)
Product Dimensions (approx.)	4.49 x 3.7 x 1.73 inches (for the set)
Item Weight (approx.)	0.01 ounces (for the set)
Recommended Age	14 years and up

WARRANTY AND CUSTOMER SUPPORT

Piko products are manufactured to high-quality standards. For specific warranty information, please refer to the documentation included with your purchase or visit the official Piko website. Warranty terms may vary by region and retailer.

For technical assistance, spare parts, or further inquiries regarding your Piko 55392 Switch Drive Set, please contact Piko customer support. Contact details can typically be found on the manufacturer's official website or product packaging. When contacting support, please have your product model number (55392) available.

Related Documents - 55392

	<p>PIKO G Scale Elektrotriebzug 'Gläserner Zug' DB Ep. IV Instruction Manual</p> <p>Comprehensive guide for the PIKO G scale 'Gläserner Zug' (Glass Train) electric multiple unit (ET 91, DB Ep. IV). Covers prototype history, model features, technical specifications, operation, maintenance, assembly, and safety guidelines.</p>
	<p>PIKO Desiro BR 642 Model Train - Instructions for Use</p> <p>Detailed instructions for the PIKO Desiro BR 642 model train, covering unpacking, assembly, maintenance, technical specifications, and digital operation for both DC and AC systems. Includes component replacement guides and model overview.</p>
	<p>PIKO Electric Locomotive Rh 1000 NS: Instruction Manual & Spare Parts (#97504)</p> <p>Detailed instructions for the PIKO HO scale Electric Locomotive Rh 1000 NS (Model #97504), including assembly, disassembly, decoder and sound installation, and a comprehensive spare parts list.</p>
	<p>PIKO RH S489.0 TT Electric Locomotive Model: Instructions and Spare Parts</p> <p>Comprehensive guide for the PIKO RH S489.0 TT electric locomotive model, featuring detailed instructions, technical specifications, function assignments, and a complete spare parts list. Includes information on the PIKO SmartDecoder XP Sound Next18.</p>
	<p>PIKO Starter Set Rh 2016 ÖBB Freight Train #57033 - Product Overview</p> <p>Detailed overview of the PIKO Starter Set Rh 2016 ÖBB Freight Train #57033, including contents, recommended layout, operation, maintenance, and spare parts. Features a Herkules diesel locomotive and two ÖBB goods wagons.</p>
	<p>PIKO Vectron Dual Mode Locomotive Operating Instructions</p> <p>Comprehensive operating instructions for the PIKO HO scale Vectron Dual Mode locomotive, detailing prototype information, safety guidelines, maintenance procedures, and PluX interface assignments. Includes technical specifications and disposal information.</p>