

## Piko 35226

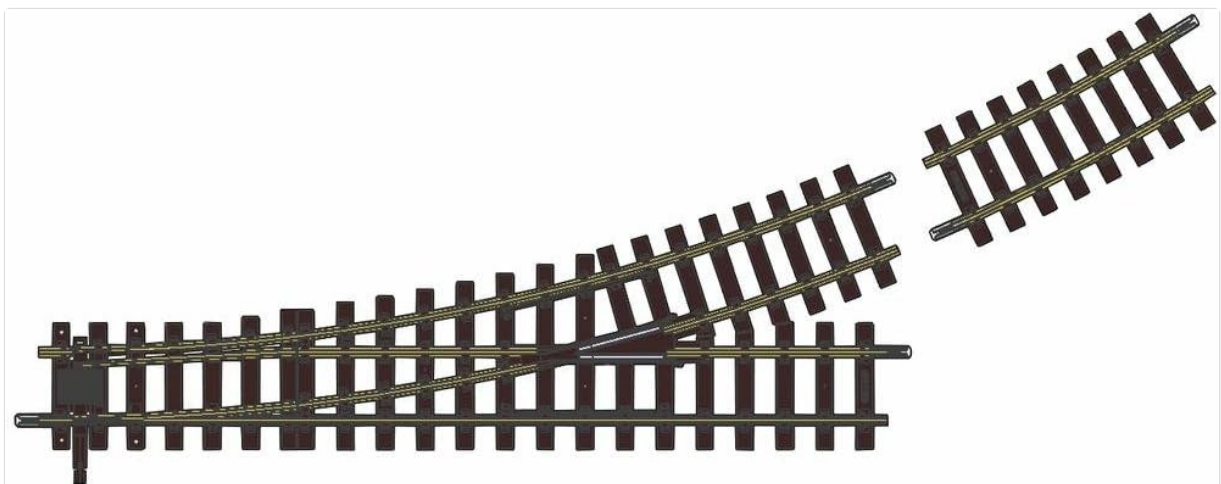
# PIKO G Scale Manual R7 Curved Switch Left (Model 35226) User Manual

## INTRODUCTION

This manual provides detailed instructions for the setup, operation, and maintenance of your PIKO G Scale Manual R7 Curved Switch Left, Model 35226. Please read this manual thoroughly before installation and use to ensure proper function and longevity of your model train accessory.

## PRODUCT OVERVIEW

The PIKO G Scale Manual R7 Curved Switch Left is a precision-engineered track component designed for G scale model railway layouts. It allows for the diversion of trains from one track to another, facilitating complex track configurations. This specific switch is a left-hand curved switch with a radius of 1564.6 mm and an angle of 22.5 degrees, suitable for DC power systems.



**Figure 1:** The PIKO G Scale Manual R7 Curved Switch Left (Model 35226). This image displays the track component from an overhead perspective, showing the main straight track and the diverging curved track to the left. The sleepers are dark brown, and the rails are metallic. The manual throw mechanism is visible at the base of the switch.

For automated operation, this manual switch can be upgraded with the suitable electric drive, item number

35271, which is sold separately.

## SETUP

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1. **Layout Planning:** Before installing, plan your track layout carefully. Ensure the R7 radius (1564.6 mm) and 22.5° curve angle of this switch fit your design.
2. **Track Preparation:** Ensure the track sections connecting to the switch are clean and free of debris. The rail ends should be straight and undamaged.
3. **Connection:** Align the switch with the existing track sections. Carefully push the rail joiners together to create a secure electrical and mechanical connection. Ensure the rails are flush and there are no gaps or misalignments that could cause derailments.
4. **Securing the Track:** Once positioned, secure the switch to your layout base using appropriate track fasteners (e.g., track nails, screws, or ballast adhesive) to prevent movement during operation.
5. **Testing:** After installation, manually operate the switch several times to ensure smooth movement of the points. Run a train slowly over the switch in both directions to confirm proper alignment and operation.

## OPERATING INSTRUCTIONS

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The PIKO G Scale Manual R7 Curved Switch Left is operated manually. To change the direction of the train, you must physically move the switch lever located at the base of the switch.

- **Changing Direction:** Gently push the switch lever to the desired position. The points (movable rails) will shift to align with either the straight track or the curved track.
- **Confirm Position:** Always visually confirm that the points are fully seated against the stock rails before allowing a train to pass over the switch. Improperly set points can lead to derailments.
- **Electric Drive (Optional):** If you have installed the PIKO electric drive (item no. 35271), refer to its specific instruction manual for details on electrical connection and remote operation.

## MAINTENANCE

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Regular maintenance ensures reliable operation and extends the lifespan of your switch.

- **Cleaning Rails:** Keep the rail surfaces clean from dirt, dust, and oxidation. Use a track cleaning tool or a soft cloth with a suitable track cleaning fluid.
- **Cleaning Moving Parts:** Periodically inspect the switch points and the throw mechanism. Remove any accumulated dust, debris, or ballast particles that might hinder smooth movement. A small brush or compressed air can be useful.
- **Lubrication:** Lightly lubricate the pivot points of the switch mechanism with a small amount of plastic-compatible lubricant if movement becomes stiff. Avoid over-lubrication, as it can attract dirt.
- **Inspection:** Regularly check for loose connections, damaged rail joiners, or bent rails. Address any issues promptly to prevent operational problems.

## TROUBLESHOOTING

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Problem	Possible Cause	Solution
Switch points do not move smoothly.	Debris in mechanism, lack of lubrication, bent components.	Clean the mechanism, apply light lubricant, inspect for damage.
Train derails when passing over the switch.	Improperly set points, misaligned track, dirty rails.	Ensure points are fully seated, check track alignment, clean rails.
No electrical contact through the switch.	Dirty rails, loose rail joiners, internal wiring issue (if applicable).	Clean rails, check rail joiner connections.

## SPECIFICATIONS



- **Model Number:** 35226
- **Brand:** PIKO
- **Gauge:** G Scale
- **Power System:** DC
- **Radius:** R7 (1564.6 mm)
- **Angle:** 22.5°
- **Switch Type:** Manual, Curved, Left
- **Recommended Age:** 15 years and up
- **Item Weight:** Approximately 39.6 pounds (Note: This weight seems unusually high for a single track piece and might be a shipping weight. Please verify actual product weight upon receipt.)
- **Compatible Electric Drive:** PIKO Item No. 35271 (sold separately)

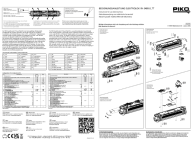


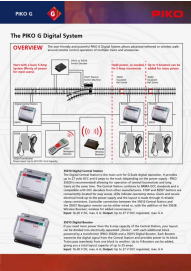
## WARRANTY AND SUPPORT

Specific warranty details for the PIKO G Scale Manual R7 Curved Switch Left (Model 35226) are not provided in this manual. For warranty information, technical support, or to inquire about replacement parts, please contact PIKO directly or refer to their official website. Keep your proof of purchase for any warranty claims.

Manufacturer: PIKO

### Related Documents - 35226

	<p><a href="#">PIKO 76790 Multiprotocol Decoder Installation and Operation Guide</a></p> <p>Comprehensive guide for installing, programming, and operating the PIKO 76790 Multiprotocol Decoder. Learn about DCC and Motorola compatibility, load regulation, pickup shoe switching, and technical specifications for model train enthusiasts.</p>
	<p><a href="#">PIKO Electric Locomotive Rh 1000 NS: Instruction Manual &amp; Spare Parts (#97504)</a></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><a href="#">PIKO RH S489.0 TT Electric Locomotive Model: Instructions and Spare Parts</a></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><a href="#">PIKO SmartControlwlan Digital Command Control System - Owner's Manual</a></p> <p>Comprehensive owner's manual for the PIKO SmartControlwlan DCC system, detailing setup, operation, locomotive and accessory control, route programming, and settings for model railroad enthusiasts. Learn to control trains, switches, signals, and program CVs with this user-friendly system.</p>
	<p><a href="#">PIKO G Scale Elektrotriebzug 'Gläserner Zug' DB Ep. IV Instruction Manual</a></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><a href="#">PIKO G Digital System: Overview and Components for G-Scale Model Trains</a></p> <p>Explore the PIKO G Digital System, a comprehensive solution for advanced G-Scale model train operation. Learn about the Digital Central Station, Boosters, Switch Decoders, Navigator Remote, and more for both tethered and wireless control.</p>