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- › [Piko](#) /
- › [Piko 55225 HO Scale Three-Way Turnout Instruction Manual](#)

Piko 55225

Piko 55225 HO Scale Three-Way Turnout Instruction Manual

Model: 55225

PRODUCT OVERVIEW

The Piko 55225 is an HO scale three-way turnout (switch) designed for model train layouts. This component allows for flexible track configurations, enabling trains to switch between three different paths. It features realistic detail and robust construction, making it suitable for various model railway environments.



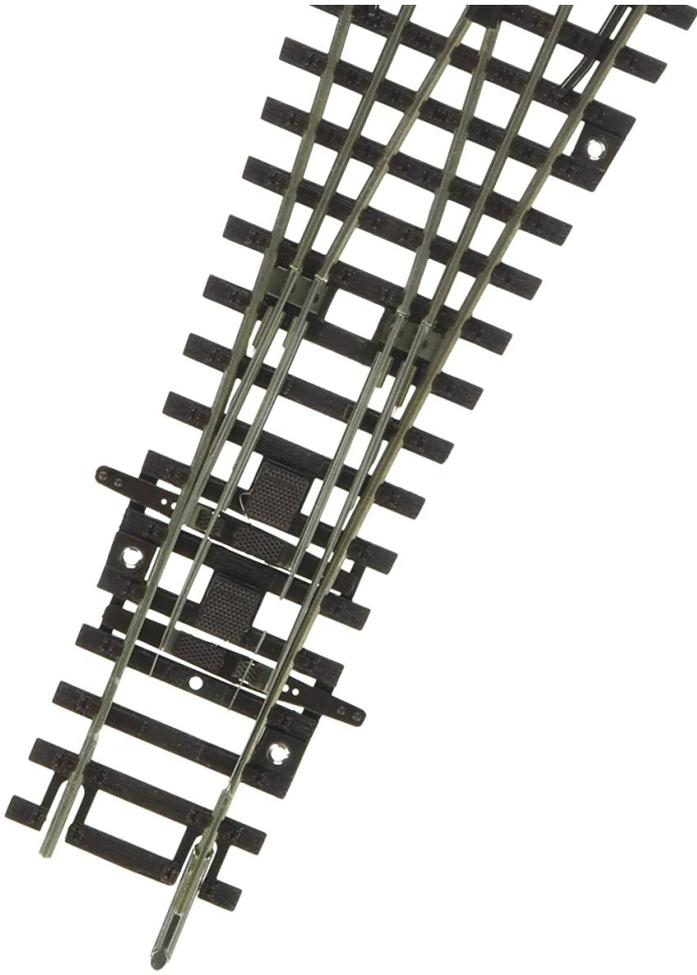
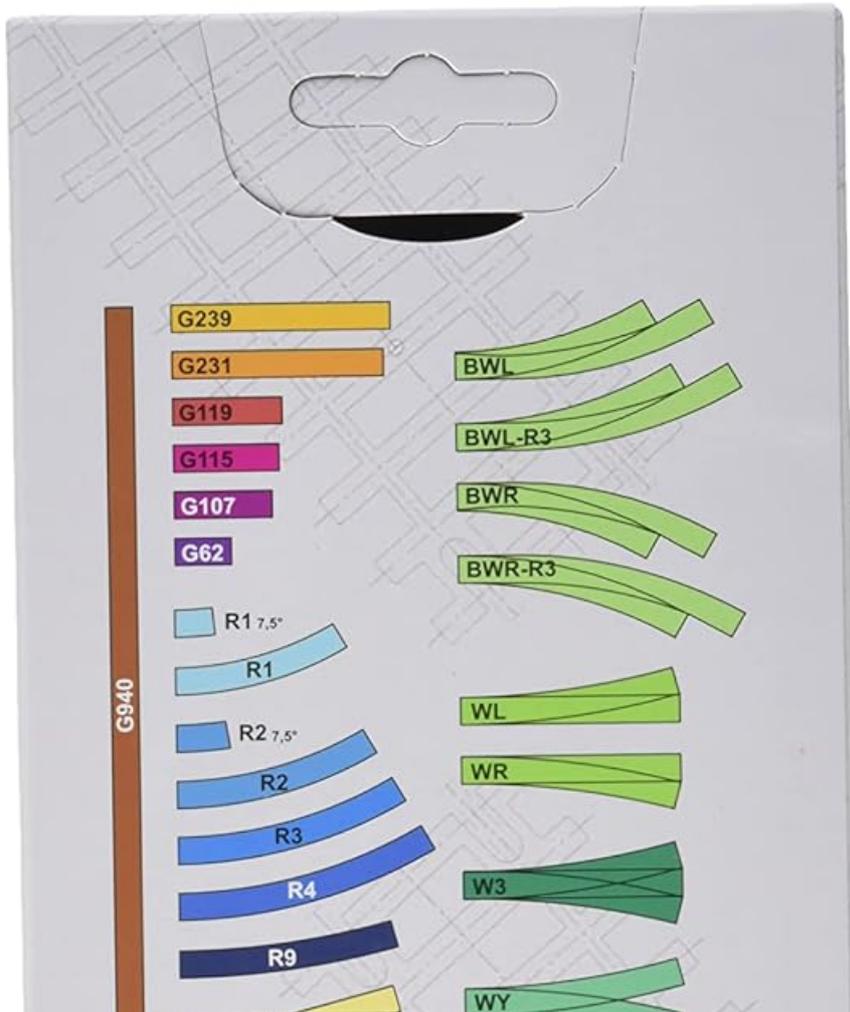


Image of the Piko 55225 HO Scale Three-Way Turnout, showcasing its design and track connections.





Packaging of the Piko 55225 Three-Way Turnout, illustrating various compatible track elements and their dimensions.

SETUP AND INSTALLATION

Follow these steps for proper installation of your Piko 55225 three-way turnout:

1. Remove the three-way switch from its packaging.
2. Align the track pieces with the switch according to your desired layout.
3. Secure the switch to the track pieces using appropriate fasteners or adhesive (not included).
4. Ensure the switch is properly aligned and can change directions as intended.







Underside view of the Piko 55225 Three-Way Turnout, showing the mechanism for track switching.

OPERATING THE TURNOUT

The Piko 55225 three-way turnout is designed for both manual and optional electrical operation:

- **Manual Operation:** The turnout switch can be operated manually using the positioning lever. Once a direction is set, the turnout remains fixed in that position after a train passes over it, eliminating the need for additional manual adjustments.
- **Electrical Operation (Optional):** An electrical switch machine (Piko #55271, sold separately) can be installed to automate turnout operation. Refer to the switch machine's instructions for installation.
- **Current Carrying:** The turnout is fully current-carrying. No special wiring is required for power when changing positions.
- **Frog:** The frog section of the turnout does not carry current. However, due to the short distance between rail sections, even vehicles with small axle distances can pass over it without issues. The frogs cannot be polarized after installation.

Betriebsanleitung PIKO A-Gleis Weiche / Instruction of the PIKO turnout



Die PIKO-Weiche ist als Handweiche mit einer definierter Endstellung zur Fahrwegebestimmung ausgerüstet.

Die Betätigung der Weichenzungen kann per Hand über die Stellschwelle, wie im Bild 1 dargestellt, vorgenommen werden.

Alle Handweichen werden nach Durchfahren der Weiche immer in der Durchfahrtsrichtung fix positioniert. Ein gesonderter Handweichenantrieb ist damit nicht erforderlich.

Die Weichen werden ohne elektrischen Weichenantrieb geliefert. Ein nachträglicher Anbau des elektrischen PIKO-Weichenantriebs # 55271 ist jederzeit möglich. (Bild 2)

Die PIKO-Weiche ist komplett stromführend und muß daher nicht beim Befahren in eine bestimmte Stellung gebracht werden.

Das Herzstück der Weiche ist stromlos, ein Überfahren selbst mit Fahrzeugen von geringen Achsabständen ist aber durch einen sehr engen Schienenprofil-

The PIKO turnouts are constructed as manual turnouts with a set limit to control the path of travel.

The turnouts switch can be operated manually using the positioning lever as shown in illustration 1.

All manual turnouts remain fixed in the direction last travelled after the train has passed over them. This means that no extra manual operation is necessary.

An electrical switch machine is **not included** with the turnouts. The PIKO switch machine # 55271 can be fitted subsequently at any time (Illustration 2).

The PIKO turnouts are fully current carrying so do not need to be set in a special position when travelled over.

The turnouts frog carries no current but even vehicles with very little distance between the axles can travel over it without any problems owing to the very short distance between the rail sections in the frog.

The frogs cannot be polarised later.

abstand im Herzstück ohne Probleme durchführbar.

Eine nachträgliche Polarisierung der Herzstücken ist nicht möglich.

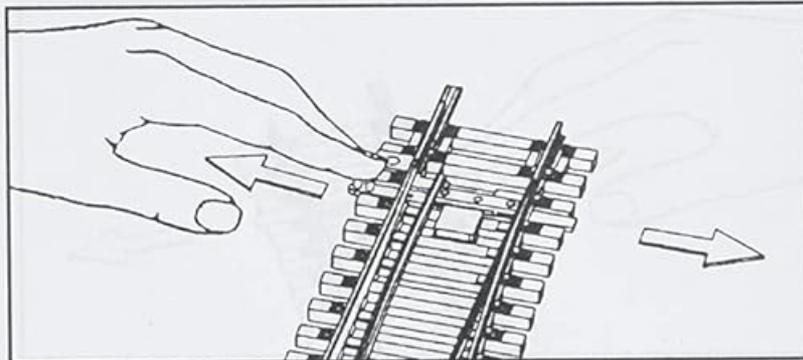


Bild 1 / picture 1

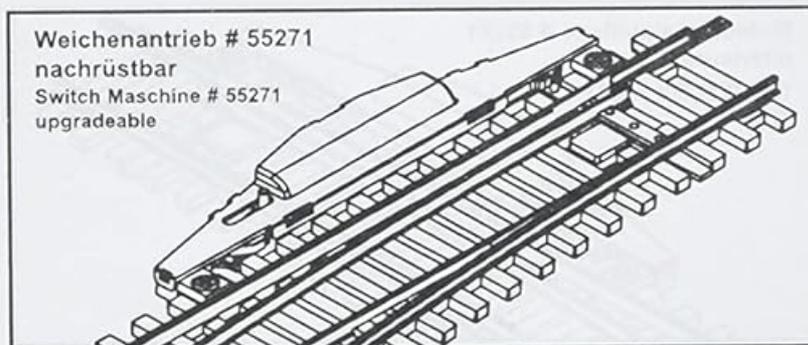


Bild 2 / picture 2

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德国比高有限公司 • 德国图林根州索内堡市路德街30号

Diagrams from the instruction manual illustrating the manual operation of the turnout (Picture 1) and the optional installation of an electrical switch machine (Picture 2, Piko #55271).

MAINTENANCE

To ensure long-lasting performance of your Piko 55225 turnout, regular maintenance is recommended:

- Keep the track and turnout mechanism clean from dust, debris, and foreign objects. Use a soft brush or cloth for cleaning.
- Periodically check all connections to ensure they are secure.
- Avoid applying excessive force to the manual operating lever.
- Store the turnout in a dry, temperate environment when not in use.

TROUBLESHOOTING

If you encounter issues with your Piko 55225 turnout, consider the following:

- **Train Derailment:** Check track alignment, ensure the turnout is fully switched to the desired path, and inspect for any obstructions on the rails or in the frog area.
- **Difficulty Switching:** Ensure the manual lever moves freely and is not obstructed. If an electrical switch machine is installed, verify its power supply and connections.
- **Poor Electrical Contact:** Clean the rail surfaces and connections. Ensure all track pieces are

properly joined to the turnout.

SPECIFICATIONS

| Feature | Detail |
|------------------------------|---------------------------------|
| Model Number | 55225 |
| Product Type | HO Scale Three-Way Turnout (W3) |
| Brand | Piko |
| Product Dimensions | 10.3 x 3.6 x 0.6 inches |
| Item Weight | 2.08 ounces |
| Manufacturer Recommended Age | 14 years and up |
| Release Date | October 1, 2005 |
| UPC | 4015615552253 |



Image illustrating the approximate dimensions of the Piko 55225 Three-Way Turnout.

WARRANTY AND SUPPORT

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

Official Piko Website: www.piko.de