

Piko 57802

Piko H0 57802 Diesel Locomotive Series 218 User Manual

Model: 57802 | Brand: Piko

1. INTRODUCTION

This manual provides essential information for the safe and effective use of your Piko H0 57802 Diesel Locomotive Series 218. Please read these instructions carefully before operating the model to ensure proper function and longevity.

2. SAFETY INFORMATION

Warning: This product is intended for professional use and is not suitable for children under 15 years of age. Danger of swallowing small pieces.

- Always handle the locomotive with care to avoid damage to delicate parts.
- Ensure the power supply is disconnected before performing any maintenance or adjustments.
- Keep small parts away from young children to prevent choking hazards.
- Operate the model in a well-ventilated area.

3. PRODUCT OVERVIEW

The Piko H0 57802 is a detailed model of the Diesel Locomotive Series 218 of the DB AG, designed for H0 scale railway systems.



Figure 1: Side view of the Piko H0 57802 Diesel Locomotive Series 218, showcasing its yellow and grey livery.



Figure 2: Angled view of the Piko H0 57802 Diesel Locomotive, highlighting its detailed bogies and coupling.

4. SETUP

Follow these steps to prepare your locomotive for operation:

1. **Unboxing:** Carefully remove the locomotive from its packaging. Retain the packaging for future storage or transport.
2. **Initial Inspection:** Visually inspect the locomotive for any signs of damage during transit. Ensure all wheels and delicate parts are intact.
3. **Track Placement:** Place the locomotive gently onto a clean, properly assembled H0 scale track. Ensure all wheels are correctly seated on the rails.
4. **Power Connection:** Connect your H0 scale power supply to the track as per your track system's instructions. This model is designed for 3 Rail AC track supply.

5. OPERATING INSTRUCTIONS

Once set up, you can begin operating your Piko H0 57802 locomotive:

1. **Power On:** Turn on your model railway power supply.
2. **Speed Control:** Gradually increase the power output from your controller to start the locomotive moving. Avoid sudden acceleration.
3. **Direction Change:** Use your controller's direction switch to change the locomotive's travel direction. Ensure the locomotive is stopped or moving slowly before changing direction to prevent damage.
4. **Stopping:** Gradually decrease the power to bring the locomotive to a smooth stop. Turn off the power supply when not in use.

5. **Decoder Ready:** This model is 8-pin decoder ready. If you wish to operate it digitally, install a compatible 8-pin DCC decoder according to the decoder manufacturer's instructions.

6. MAINTENANCE

Regular maintenance ensures optimal performance and extends the life of your locomotive:

- **Cleaning:** Regularly clean the wheels and track with a soft, lint-free cloth to remove dust and debris. Use a specialized track cleaner if necessary.
- **Lubrication:** Periodically apply a small amount of model railway lubricant to the moving parts as recommended by Piko or a reputable model railway specialist. Avoid over-lubrication.
- **Storage:** When not in use, store the locomotive in its original packaging or a protective case in a dry, dust-free environment away from direct sunlight and extreme temperatures.
- **Coupling:** Inspect the NEM coupling for wear or damage and replace if necessary.

7. TROUBLESHOOTING

This section addresses common issues you might encounter:

Problem	Possible Cause	Solution
Locomotive does not move	No power to track, dirty track/wheels, locomotive not seated correctly, faulty power supply.	Check power connections, clean track and wheels, re-seat locomotive, test power supply.
Erratic movement	Dirty track/wheels, poor electrical contact, track irregularities.	Clean track and wheels, ensure good contact, check track for smooth joins.
Lights not working (if applicable)	Bulb failure, wiring issue, decoder setting (for DCC).	Inspect bulbs/LEDs, check wiring, consult decoder manual if using DCC.

If the problem persists after attempting these solutions, please contact Piko customer support or a qualified model railway technician.

8. TECHNICAL SPECIFICATIONS

Feature	Specification
Model Number	57802
Scale	H0 (1:87)
Rail Gauge	H0
Class	BR218
Railway Administrator	DB AG
Epoch	6 (2006 Onwards)
Wheel Configuration	Bo-Bo


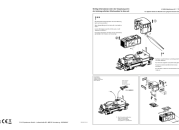


Feature	Specification
Minimum Radius	358 mm
Length	180 mm
Decoder	8 pin ready
Coupling	NEM
Track Supply	3 Rail AC
Batteries Required	No
Manufacturer Recommended Age	15 years and up

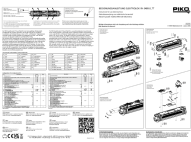
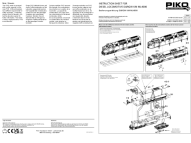
9. WARRANTY AND SUPPORT

For warranty information, technical support, or spare parts, please refer to the official Piko website or contact your authorized Piko dealer. Keep your proof of purchase for any warranty claims.

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Related Documents - 57802

	<p>PIKO Krauss-Maffei ML4000 Diesel Hydraulic HO Scale Model Locomotive Instruction Manual</p> <p>This instruction manual provides detailed information for the PIKO HO scale model of the Krauss-Maffei ML4000 diesel-hydraulic locomotive. It covers prototype history, safety precautions, operation, maintenance, and technical specifications, merging content from English, German, French, and Dutch versions.</p>
	<p>PIKO Diesel Locomotive BR V 23 Instruction Manual and Parts List</p> <p>Instruction sheet and spare parts list for the PIKO HO scale Diesel Locomotive BR V 23 (Model 52552). Includes details on decoder installation, sound retrofit, and a comprehensive parts breakdown.</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>

	<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 D&RGW KM ML4000 Diesel Locomotive Instruction Manual and Parts List</p> <p>Instruction sheet and spare parts list for the PIKO D&RGW KM ML4000 Diesel Locomotive, including disassembly, maintenance, and part ordering information.</p>