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Piko 57903

Piko 57903 Hobby DB BR218 Diesel Locomotive IV User Manual

Model: 57903 | Brand: Piko

INTRODUCTION

This manual provides essential information for the setup, operation, and maintenance of your Piko 57903 Hobby DB BR218 Diesel Locomotive IV. Please read these instructions carefully before operating your model to ensure safe and optimal performance.



Image: The Piko 57903 Hobby DB BR218 Diesel Locomotive IV, a detailed model of a German Federal Railways diesel locomotive, shown on model train tracks.

SAFETY INFORMATION

It is crucial to observe the following safety guidelines:

- **Not suitable for children under 3 years.**
- **Danger of swallowing small pieces.** Keep out of reach of small children.
- Always disconnect power from the track before placing or removing the locomotive.
- Do not attempt to modify the electrical components of the locomotive.
- Operate the locomotive on a clean, dry track.

Setup

1. **Unpacking:** Carefully remove the locomotive from its packaging. Retain the original packaging for future storage or transport.
2. **Inspection:** Inspect the locomotive for any visible damage. Ensure all wheels are properly seated and the couplers are intact.
3. **Track Preparation:** Ensure your model railway track is clean and free of dust or debris. A clean track ensures good electrical contact.
4. **Power Connection:** Connect your direct current (DC) power supply to the track as per your power supply's instructions. Ensure the voltage is appropriate for HO scale models (typically 0-16V DC).
5. **Placing on Track:** Carefully place the locomotive on the tracks, ensuring all wheels are correctly aligned with the rails.

Operating Instructions

The Piko 57903 is designed for direct current (DC) operation.

1. **Power On:** Turn on your DC power supply.
2. **Speed Control:** Slowly increase the voltage using your power supply's throttle. The locomotive should begin to move smoothly. Avoid sudden changes in speed.
3. **Direction Change:** To change direction, reduce the throttle to zero, then reverse the polarity on your power supply (if it has this feature) or use the direction switch on your controller. Slowly increase the throttle again.
4. **Lighting:** The locomotive features direction-dependent light changes (white/white). This function operates automatically with the direction of travel.
5. **Coupling:** Use the integrated couplers to attach rolling stock. Ensure secure connections to prevent derailments.

Maintenance

Regular maintenance ensures the longevity and smooth operation of your locomotive.

- **Wheel Cleaning:** Periodically clean the locomotive's wheels with a soft, lint-free cloth and a small amount of model railway cleaning fluid. Dirty wheels can impair electrical contact and performance.
- **Track Cleaning:** Keep your tracks clean. Use a track cleaning block or fluid to remove dirt and oxidation.
- **Lubrication:** Refer to specialized model railway lubrication guides for appropriate lubrication points and frequency. Use only lubricants designed for model trains. Avoid over-lubrication.
- **Storage:** When not in use, store the locomotive in its original packaging or a protective case, away from dust, direct sunlight, and extreme temperatures.

Troubleshooting

Problem	Possible Cause	Solution
Locomotive does not move.	No power to track; dirty wheels/track; derailment.	Check power supply connection; clean wheels and track; re-rail locomotive.
Locomotive runs erratically.	Dirty wheels/track; poor electrical contact; track imperfections.	Clean wheels and track thoroughly; ensure track sections are securely joined.

Problem	Possible Cause	Solution
Lights are not working.	Incorrect direction; electrical contact issue.	Verify direction of travel; check for clean wheels and track.

SPECIFICATIONS

- Model Number:** 57903
- Brand:** Piko
- Scale:** HO Scale (1:87)
- Power System:** Direct Current (DC)
- Railroad:** DB (German Federal Railways)
- Epoch:** IV
- Length over buffer:** 180 mm
- Minimum radius:** 358 mm
- Digital interface:** NEM 652
- Light Change:** Direction of travel-dependent light change white / white
- Special Features:** Engine driver figure in the cab
- Recommended Age:** 14 years and older
- Item Weight:** 1.21 pounds

WARRANTY AND SUPPORT

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

Piko Official Website: www.piko.de

