

## Roco 63120

# Instruction Manual

## Roco 63120 SBB RAM TEE 4-CAR SET HO GAUGE

### 1. INTRODUCTION

#### 1.1 About This Manual

This instruction manual provides essential information for the safe and proper use, setup, operation, and maintenance of your Roco 63120 SBB Ram TEE 4-Car Set HO Gauge model train. Please read this manual thoroughly before operating the model and retain it for future reference.

#### 1.2 Product Overview

The Roco 63120 SBB Ram TEE 4-Car Set is a highly detailed HO gauge model train replica of the Swiss National Railway's Trans Europ Express (TEE) Ram train. This set includes one powered locomotive and three passenger cars, designed for realistic operation on HO scale railway layouts.



Figure 1.1: Roco 63120 SBB Ram TEE 4-Car Set packaging.

## 2. SAFETY INFORMATION

Always observe the following safety precautions to prevent injury or damage to the product:

- This product is not a toy. It contains small parts and is intended for adult collectors aged 14 and above. Keep out of reach of small children.
- Ensure your power supply unit (transformer) is compatible with HO gauge model trains and provides the correct voltage (typically 0-16V DC or AC, depending on system).
- Do not operate the model train near water or in damp conditions.
- Disconnect power before performing any maintenance or adjustments to the train or track.
- Avoid touching moving parts during operation.

## 3. PACKAGE CONTENTS

Carefully unpack the contents and verify that all items listed below are present and undamaged. If any items are missing or damaged, please contact your retailer.

- 1 x Roco SBB Ram TEE Powered Locomotive
- 3 x Roco SBB Ram TEE Passenger Cars



- 1 x Accessory Bag (may contain small parts like brake hoses, coupling hooks, etc.)
- 1 x Instruction Manual (this document)



Figure 3.1: Contents of the Roco 63120 set as packaged.



Figure 3.2: Detailed view of the train cars and accessory compartment within the packaging.

## 4. SETUP

---

### 4.1 Track Preparation

Ensure your HO gauge track is clean, dry, and properly assembled on a stable surface. Check all track connections for good electrical contact. Dirty tracks can lead to poor performance or non-operation.

### 4.2 Placing the Train Set

1. Carefully remove the locomotive and passenger cars from their packaging. Handle them by the body, avoiding delicate details.
2. Place the locomotive and passenger cars onto the track, ensuring all wheels are correctly seated on the rails.
3. Connect the passenger cars to the locomotive and to each other using the provided couplings. Ensure couplings are securely engaged.

### 4.3 Connecting Power

Connect your HO gauge power supply (transformer) to the track according to the power supply's instructions. Ensure the power supply is turned off before connecting.

## 5. OPERATING INSTRUCTIONS

---

### 5.1 Basic Operation

Once the train is on the track and power is connected:

1. Slowly increase the voltage on your power supply. The train should begin to move.
2. Observe the train's movement. If it does not move, check track connections and power supply.

### 5.2 Speed Control

Adjust the speed of the train by varying the voltage output of your power supply. Higher voltage typically results in higher speed.

### 5.3 Direction Change

To change the direction of the train, momentarily reduce the voltage to zero, then quickly increase it again. This action typically triggers the direction change mechanism in the locomotive.

## 6. MAINTENANCE

---

### 6.1 Cleaning

Regular cleaning ensures optimal performance and longevity of your model train:

- **Wheels:** Clean the locomotive and car wheels periodically with a soft cloth and a specialized model railway cleaning fluid. Dirty wheels can impair electrical pickup and running performance.
- **Track:** Keep your track clean using a track cleaning block or fluid.
- **Body:** Dust the train body with a soft, dry brush or cloth. Avoid using harsh chemicals.

### 6.2 Lubrication

The locomotive's moving parts may require occasional lubrication. Refer to the specific lubrication points indicated in the locomotive's detailed diagram (if provided separately) or consult a Roco service manual. Use only specialized model railway lubricants.

### 6.3 Storage

When not in use, store the model train set in its original packaging or a suitable protective case, away from direct sunlight, dust, and extreme temperatures or humidity.

## 7. TROUBLESHOOTING

If you encounter issues with your model train, consult the table below for common problems and solutions.

Problem	Possible Cause	Solution
Train does not move.	No power to track; dirty track/wheels; poor electrical connection; train derailed.	Check power supply and connections; clean track and wheels; ensure train is properly on track.
Train runs erratically or stalls.	Dirty track/wheels; insufficient power; track uneven.	Clean track and wheels; increase power slightly; ensure track is level.
Lights flicker or do not work.	Poor electrical contact; bulb/LED failure.	Clean wheels and track; check for loose connections; replace bulb/LED if necessary (consult service manual).

## 8. SPECIFICATIONS

Technical specifications for the Roco 63120 SBB Ram TEE 4-Car Set:

Feature	Detail
Model Number	63120
Gauge	HO (1:87 scale)
Train Type	SBB Ram TEE (Trans Europ Express)
Set Composition	1 Powered Locomotive, 3 Passenger Cars
Power System	2-rail DC (Direct Current)





Figure 8.1: Product label on the side of the box confirming model number 63120.

## 9. WARRANTY AND SUPPORT

### 9.1 Warranty Information


This Roco product is manufactured to high quality standards. For specific warranty terms and conditions, please refer to the warranty card included with your purchase or visit the official Roco website. Keep your proof of purchase for warranty claims.

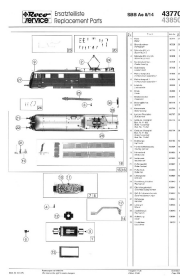
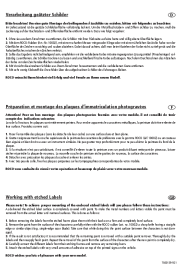


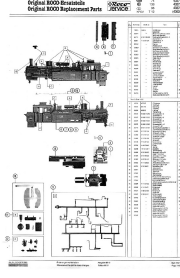
### 9.2 Customer Support

For technical assistance, spare parts, or service inquiries, please contact your authorized Roco dealer or visit the Roco official website for contact information and support resources.

© 2024 Roco. All rights reserved.

## Related Documents - 63120

	<p><a href="#">Roco HO-Model Electric Locomotive Ae 8/14 of the SBB Operating Manual</a></p> <p>Operating manual and maintenance guide for the Roco HO-model electric locomotive Ae 8/14 of the SBB, covering unpacking, running-in, operation, and maintenance procedures.</p>
---	---

	<p><a href="#">Roco SBB Ae 8/14 Electric Locomotive Replacement Parts List (Models 43770, 43850)</a></p> <p>Comprehensive replacement parts list for the Roco SBB Ae 8/14 electric locomotive, models 43770 and 43850. Includes detailed diagrams and a parts table with article numbers for ordering spare components.</p>
	<p><a href="#">ROCO Etched Label Application Guide for Model Trains</a></p> <p>Detailed instructions for preparing and applying ROCO etched model train number plates and signs, including paint removal and adhesive application. Compatible with ROCO model number 7500139-921.</p>
	<p><a href="#">Roco 7100026 CSD Rh 354 Model Train Replacement Parts List with Diagrams</a></p> <p>Detailed replacement parts list for the Roco 7100026 CSD Rh 354 model train. Includes part numbers, descriptions, article numbers, and visual representations of each component for easy identification and ordering.</p>
	<p><a href="#">Roco 7500126 Beacon Vectron Locomotive Replacement Parts List</a></p> <p>Comprehensive replacement parts list for the Roco 7500126 Beacon Vectron model train locomotive, detailing components, article numbers, and descriptions for maintenance and repair.</p>
	<p><a href="#">Roco Original Replacement Parts for 43271, 43272, 43273, 43025 Model Trains</a></p> <p>Comprehensive list of original Roco replacement parts for model train series 43271, 43272, 43273, and 43025. Includes part numbers, descriptions, and detailed diagrams.</p>