

Piko 35040

Piko 35040 G Scale R/C Loco Receiver Instruction Manual

Model: 35040 | Brand: Piko

INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, and maintenance of your Piko 35040 G Scale R/C Loco Receiver with Pocket Remote. This system is designed to provide reliable radio control for G-scale/Gauge 1 locomotives, enhancing your model railroading experience with precise control.

SAFETY INFORMATION

Please read all safety instructions carefully before operating the device to ensure safe and proper use.

- Keep the device away from moisture, direct sunlight, and extreme temperatures.
- Ensure proper electrical connections to avoid short circuits and electrical hazards.
- This product is recommended for users aged 14 years and up due to small parts and electrical components.
- Do not attempt to disassemble, modify, or repair the receiver or remote. Refer all servicing to qualified personnel.

For detailed electrical safety guidelines, consult a qualified professional or refer to relevant electrical safety standards.

PACKAGE CONTENTS

Verify that all components are present in the packaging upon unboxing:

- Piko 35040 G Scale R/C Loco Receiver (Circuit Board)
- Piko Pocket Remote Control
- Instruction Manual (this document)

Note: Additional wiring, power supply components, and locomotive are required for operation and are sold separately.

SETUP AND INSTALLATION

The Piko 35040 receiver is designed for seamless integration into G-scale/Gauge 1 locomotives. Careful installation ensures optimal performance.

Receiver Installation

The receiver circuit board, illustrated below, features convenient terminal blocks for electrical connections.



Image: The Piko 35040 G Scale R/C Loco Receiver circuit board (bottom) and its accompanying pocket remote control (top). The circuit board is green with a prominent green terminal block for wiring, along with various integrated circuits. The black pocket remote features four distinct buttons: two triangular directional arrows (up and down), a single horizontal bar,

and a double horizontal bar, with the "PIKO" logo visible at the bottom.

1. **Power Connection:** Connect your locomotive's power source to the designated input terminals on the green terminal block. Ensure the power supply matches the receiver's voltage requirements and does not exceed its 3.5A current capacity.
2. **Motor Connection:** Connect the locomotive's motor leads to the appropriate output terminals on the receiver. Verify correct polarity to ensure the desired direction of travel corresponds to the remote control inputs.
3. **Auxiliary Connections (Optional):** If your locomotive supports additional functions (e.g., lights, sound), connect them to the auxiliary terminals as per the detailed wiring diagram provided with your product or Piko's official documentation.
4. **Secure Mounting:** Mount the receiver securely within the locomotive chassis. Use non-conductive standoffs or appropriate adhesive to prevent short circuits, vibration damage, and ensure stable operation.

Remote Control Pairing

The pocket remote control is typically pre-paired with the receiver at the factory. If re-pairing becomes necessary, consult the specific instructions included in the product packaging or refer to Piko's official support resources for the pairing procedure.

OPERATING INSTRUCTIONS

Familiarize yourself with the functions of the pocket remote control for effective operation of your locomotive.

Remote Control Functions

The pocket remote control (refer to the image in the Setup section) features the following buttons:

- **Up Arrow Button (▲):** Increases locomotive speed in the forward direction.
- **Down Arrow Button (▼):** Increases locomotive speed in the reverse direction.
- **Single Bar Button (I):** Decreases locomotive speed gradually or applies brakes.
- **Double Bar Button (II):** Brings the locomotive to a complete stop or activates a specific auxiliary function (e.g., emergency stop, horn, bell).

Basic Operation

1. Ensure both the locomotive (with installed receiver) and the remote control are powered on.
2. Use the **Up Arrow** or **Down Arrow** buttons to control the locomotive's speed and direction. Pressing repeatedly will increase speed.
3. Press the **Single Bar** button to gradually reduce the locomotive's speed.
4. Press the **Double Bar** button to bring the locomotive to a complete stop or to activate its assigned auxiliary function.

For advanced functions, programming, or custom assignments of the auxiliary button, consult the full Piko R/C system manual or Piko's online resources.

MAINTENANCE

The Piko 35040 receiver and remote are engineered for durability and require minimal maintenance to

ensure long-term performance.

- Keep both the receiver and remote control clean and free from dust, dirt, and debris. Use a soft, dry cloth for cleaning.
- Avoid exposing the components to excessive moisture, high humidity, or direct sunlight, which can damage internal electronics.
- Periodically inspect all wiring connections for looseness or signs of corrosion. Secure or clean connections as necessary.
- Replace the remote control batteries as needed. Refer to the remote's battery compartment for the correct battery type and replacement procedure.

Do not use harsh chemicals, solvents, or abrasive cleaners on any part of the device, as these can damage the finish or internal components.

TROUBLESHOOTING

This section addresses common issues you might encounter and provides solutions.

Problem	Possible Cause	Solution
Locomotive does not respond to remote commands.	No power to receiver; Remote control batteries are low or dead; Receiver is not properly paired with the remote; Wiring issue.	Check the power supply to the receiver and locomotive; Replace the remote control batteries; Attempt to re-pair the receiver and remote (refer to pairing instructions); Verify all wiring connections are secure and correct.
Intermittent control or erratic behavior.	Radio interference from other devices; Loose electrical connection; Low remote control battery.	Operate the locomotive in an area with less potential radio interference; Check and secure all wiring connections; Replace the remote control battery.
Locomotive moves in the wrong direction when commanded.	Motor wiring polarity is reversed on the receiver.	Carefully reverse the motor lead connections on the receiver's terminal block.

If you continue to experience issues after attempting these solutions, please contact Piko customer support or consult a qualified model train technician for further assistance.

SPECIFICATIONS

- Model:** Piko 35040
- Product Type:** G Scale R/C Loco Receiver with Pocket Remote
- Current Capacity:** 3.5 Amperes (A)
- Recommended Age:** 14 years and up
- ASIN:** B07N89WN6F
- Manufacturer:** Piko

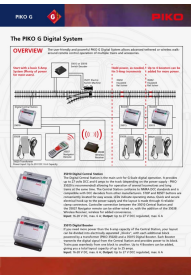
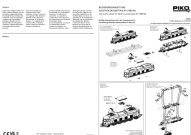


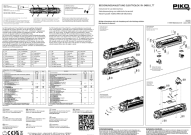
WARRANTY AND SUPPORT

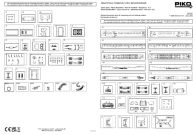
For detailed warranty information regarding your Piko 35040 R/C Loco Receiver, please refer to the official Piko website or the warranty documentation included with your product packaging. Piko is committed to providing high-quality products built with robust materials and realistic detail.

For technical support, troubleshooting assistance beyond this manual, or inquiries about spare parts, please contact Piko customer service directly or reach out to your authorized Piko dealer.

Piko Official Website: www.piko.de

Related Documents - 35040

	<p>PIKO G Digital System: Overview and Components for G-Scale Model Trains</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>
	<p>PIKO Electric Locomotive Rh 1000 NS: Instruction Manual & Spare Parts (#97504)</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>PIKO SmartDecoder XP Sound Next18 for Electric Locomotive BR 243 TT - Multiprotocol Sound Decoder</p> <p>Detailed specifications and features of the PIKO SmartDecoder XP Sound Next18, a multiprotocol sound decoder for TT scale electric locomotives, offering advanced sound, motor control, and digital system compatibility.</p>
	<p>PIKO SmartControlwlan Digital Command Control System - Owner's Manual</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>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>



[PIKO VT612 Regioswinger Spare Parts List](#)

This document provides a comprehensive list of spare parts for the PIKO VT612 Regioswinger model train. It includes part numbers, descriptions in multiple languages, and visual references for easy identification.