

Garmin Rally XC100

Garmin Rally XC100 Single-Sensing Power Meter Pedal Instruction Manual

Model: Rally XC100

INTRODUCTION

The Garmin Rally XC100 is a single-sensing power meter pedal designed for durability and versatility. It provides reliable power and cadence measurements to enhance your cycling performance analysis. Compatible with SHIMANO SPD cleats, it offers easy installation and transferability between bicycles. This manual provides essential information for setup, operation, and maintenance of your Rally XC100 pedals.



Image: Garmin Rally XC100 pedals shown with included Wearable4U PowerBank and charging cables.

WHAT'S IN THE BOX

- 1 x Garmin Rally XC100 Pedals
- 1 x Cleat hardware
- 1 x 55 mm Q-factor washers
- 1 x Wearable4U PowerBank

SETUP

1. Pedal Installation

The Rally XC100 pedals install like any standard bicycle pedal. Use an 8 mm hex wrench to securely attach the pedals to your bike's crank arms. Ensure the pedals are tightened to the manufacturer's recommended torque specifications to prevent loosening during use.



Image: A pair of Garmin Rally XC100 pedals, one installed on a bicycle crank arm, the other detached.

2. Cleat Installation

The Rally XC100 pedals are compatible with SHIMANO SPD cleats. Attach the cleats to your cycling shoes according to the cleat manufacturer's instructions. Proper cleat positioning is crucial for comfort and efficient power transfer.



Image: A close-up view of the Garmin Rally XC100 pedal, highlighting the SHIMANO SPD compatible cleat mechanism.

3. Device Pairing and Calibration

Pair your Rally XC100 pedals with a compatible Garmin Edge cycling computer or the Garmin Connect app via ANT+ or Bluetooth. After pairing, perform a zero-offset calibration before each ride for accurate power readings. This process typically involves unclipping from the pedals and following the on-screen prompts on your Garmin device.

Your browser does not support the video tag.

Video: An overview of Garmin Rally 110/210 power meter pedals, demonstrating features including easy installation, responsiveness, and data measurement. This video highlights the ease of use and data accuracy for both single and dual-sensing models.

OPERATING THE RALLY XC100

Power and Cadence Tracking

The Rally XC100 is a single-sensing power meter, measuring power and cadence from the left pedal. It doubles this value to provide an estimate of your total power output. This data is transmitted wirelessly to your paired Garmin device or other compatible head units, allowing you to monitor your performance in real-time and analyze it post-ride.

Upgradeable to Dual-Sensing

For advanced metrics such as left/right balance and power phase, the Rally XC100 can be upgraded to a dual-sensing system. Upgrade kits are sold separately and allow you to convert your single-sensing pedal into a full dual-sensing system for more comprehensive data analysis.

Your browser does not support the video tag.

Video: This video showcases the durability and versatility of Garmin Rally power meters, highlighting their robust design for various cycling environments and the option to choose between different pedal types (SPD, SPD-SL, KEO).

MAINTENANCE

Battery Charging

The Rally XC100 pedals feature a rechargeable battery with up to 120 hours of runtime. Connect the included charging cable to the pedal's charging port and a USB power source. The LED indicator on the pedal will show charging status. Regular charging ensures consistent performance.

Cleaning and Care

Clean your pedals regularly with a damp cloth to remove dirt and debris. Avoid using harsh chemicals or abrasive materials that could damage the pedal body or sensors. The pedals are designed to be shock, mud, and waterproof, making them suitable for various conditions.

TROUBLESHOOTING

- **No Power Data:** Ensure pedals are charged and properly paired with your device. Perform a zero-offset calibration.
- **Inconsistent Readings:** Re-calibrate the pedals. Check for any physical damage or loose connections. Ensure firmware is up to date via the Garmin Connect app.
- **Pedal Not Turning On:** Charge the pedals for at least 30 minutes. If issues persist, contact Garmin Support.
- **Difficulty Clipping In/Out:** Adjust the cleat tension on the pedal body using a hex wrench.

SPECIFICATIONS

Brand	Garmin
Model Name	Rally XC100
Color	Black
Material	Carbon Composite or Plastic
Item Weight	330 Grams
Product Dimensions	13.1"L x 14.6"W
Battery Life	Up to 120 hours
Cleat Compatibility	SHIMANO SPD

WARRANTY AND SUPPORT

For detailed warranty information, please refer to the official Garmin website:[Garmin Limited Warranty](#). For technical support, product registration, or additional resources, visit the Garmin support page or contact their customer service.

<div>GARMIN</div> <div>RALLY™ 110/210 Owner's Manual</div>	Garmin Rally 110/210 Power Meter Pedals: Owner's Manual Comprehensive owner's manual for Garmin Rally 110 and Rally 210 cycling power meter pedals. Covers installation, setup, pairing, calibration, data fields, care, and maintenance.
<div>GARMIN</div> <div>RALLY™ 110/210 Manual do proprietário</div>	Manual do Proprietário do Sistema de Pedais Garmin Rally™ 110/210 Este manual do proprietário fornece instruções detalhadas sobre a instalação, configuração, uso, manutenção e solução de problemas dos pedais de medição de potência Garmin Rally™ 110/210.
<div>GARMIN</div> <div>RALLY™ 110/210 Korisnički priručnik</div>	Garmin Rally™ 110/210 Korisnički priručnik Detaljni korisnički priručnik za pedale Garmin Rally™ 110/210, koji pokriva postavljanje, uparivanje, održavanje, specifikacije i napredne značajke poput dinamike bicikliranja.
<div>GARMIN</div> <div>RALLY™ 110/210 Κατ'εξοχήν</div>	Garmin Rally 110/210 Power Meter Pedals User Manual Comprehensive user manual for the Garmin Rally 110 and Rally 210 cycling power meter pedals, covering setup, installation, pairing, maintenance, and technical specifications.
<div>GARMIN</div> <div>RALLY™ 110/210 Priručnik posivatelja</div>	Garmin Rally 110/210 User Manual Comprehensive user manual for the Garmin Rally 110/210 cycling power meter pedals. Covers installation, pairing with devices and apps, charging, system settings, maintenance, troubleshooting, cycling dynamics, data fields, and technical specifications.
<div>GARMIN</div> <div>TACX® NEO BIKE PLUS Panduan</div>	Garmin Tacx NEO Bike Plus User Manual: Assembly, Setup, and Operation Comprehensive guide for the Garmin Tacx NEO Bike Plus indoor cycling trainer, covering assembly, setup, posture adjustment, training modes, app integration, maintenance, and troubleshooting.

