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Garmin T2875.60

Garmin Tacx Neo 2T Smart Trainer User Manual

Model: T2875.60 | Brand: Garmin

Introduction

The Garmin Tacx Neo 2T Smart Trainer is an advanced indoor cycling trainer designed to provide a realistic and immersive training experience. With its improved design and revamped components, it offers precise power measurement, quiet operation, and dynamic road feel simulation. This manual provides essential information for setting up, operating, maintaining, and troubleshooting your trainer.

Safety Information

Before using the Tacx Neo 2T Smart Trainer, please read all safety warnings and instructions carefully. Failure to follow these guidelines could result in injury or damage to the product. Always ensure the trainer is placed on a stable, level surface. Keep children and pets away from the trainer during operation. For detailed safety information, refer to the official Safety Information PDF document available from Garmin.

What's in the Box

Verify that all components are present before beginning assembly or setup:

- NEO 2T Smart Trainer unit
- Front wheel support
- Quick release for road bikes and mountain bikes (5 mm)
- SHIMANO/SRAM Free Hub
- Direct drive quick release with adapter set (142 x 12 mm and 148 x 12 mm)
- 1-month Tacx Premium software voucher

Setup

1. **Unpack the Trainer:** Carefully remove all components from the packaging.
2. **Position the Trainer:** Place the trainer on a firm, level surface. Ensure adequate space around the trainer for safe operation.
3. **Install Cassette (if not pre-installed):** Attach a compatible bicycle cassette to the freehub body. Ensure it is securely tightened. Note: A cassette is not included with the trainer.

4. **Attach Your Bicycle:** Remove the rear wheel from your bicycle. Mount the bicycle frame onto the trainer's axle. Use the appropriate quick release or thru-axle adapters provided to secure your bike firmly. Ensure the chain is properly aligned with the cassette on the trainer.
5. **Connect Power:** Plug the power adapter into the trainer and then into a wall outlet. The trainer will power on automatically.
6. **Install Front Wheel Support:** Place the front wheel support under your bicycle's front wheel to level the bike.
7. **Initial Calibration (Recommended):** For optimal accuracy, perform an initial calibration using the Tacx Training app or a compatible third-party application.



Image: The Garmin Tacx Neo 2T Smart Trainer with a cassette installed and the front wheel support.

Operating Instructions

The Tacx Neo 2T Smart Trainer offers a highly interactive and realistic indoor cycling experience. It can be used with various training applications via ANT+ FE-C and Bluetooth Smart connectivity.

Connecting to Applications:

- **Bluetooth Smart:** Enable Bluetooth on your device (smartphone, tablet, computer). Open your preferred training app (e.g., Tacx Training app, Zwift, TrainerRoad) and search for available trainers. Select "Tacx Neo 2T" to connect.
- **ANT+ FE-C:** Ensure your device has ANT+ connectivity (e.g., Garmin Edge device, ANT+ USB dongle for computers). Open your training app and search for ANT+ FE-C compatible trainers. Select "Tacx Neo 2T" to connect.

Key Operational Features:

- **Dynamic Inertia:** The trainer automatically adjusts resistance to simulate the feel of outdoor riding, compensating for weight, speed, and inclination.
- **Road Feel:** When connected to compatible software (e.g., Tacx software, Zwift), the trainer vibrates to simulate various road surfaces like cobblestones or gravel.
- **Descent Simulation:** When connected to an external power source, the trainer can simulate downhill gradients, providing a more complete ride experience.
- **Stand-Alone Mode:** If not connected to an application, the trainer operates in stand-alone mode, simulating a flat road. Resistance increases with pedaling speed.



Image: The side profile of the Tacx Neo 2T Smart Trainer, highlighting its compact design.

Maintenance

Regular maintenance ensures the longevity and optimal performance of your Tacx Neo 2T Smart Trainer.

- **Cleaning:** Wipe down the trainer with a damp cloth after each use to remove sweat and dust. Avoid using abrasive cleaners or solvents.
- **Storage:** When not in use, store the trainer in a dry, cool place away from direct sunlight. The trainer can be folded for more compact storage.
- **Firmware Updates:** Periodically check for and install firmware updates via the Tacx Training app to ensure your trainer has the latest features and performance improvements.
- **Cassette and Drivetrain:** Keep your bicycle's cassette and chain clean and lubricated to prevent excessive wear on both the bike and the trainer's freehub.



Image: The Tacx Neo 2T Smart Trainer in its folded position, demonstrating its space-saving design for storage.

Troubleshooting

Problem	Possible Cause	Solution
Trainer not connecting to app	Bluetooth/ANT+ interference, app not recognizing trainer, trainer not powered on.	Ensure trainer is powered on. Check Bluetooth/ANT+ settings on your device. Close and reopen the training app. Try restarting the trainer by unplugging and replugging it. Ensure no other devices are connected to the trainer.
Unusual noise during operation	Loose cassette, misaligned chain, foreign object, internal issue.	Check if the cassette is securely tightened. Ensure your bike's chain is clean and properly aligned. Inspect for any foreign objects. If noise persists, contact Garmin support.

Problem	Possible Cause	Solution
Inaccurate power readings	No recent calibration, firmware outdated.	Perform a calibration (spin down) using the Tacx Training app. Check for and install any available firmware updates.
Disc brake rubbing	Improper axle installation, need for a spacer.	Ensure your bike is correctly mounted and the thru-axle/quick release is properly seated. Some disc brake frames may require a specific spacer from Garmin for proper clearance. Refer to the setup section or Garmin support for guidance.

Specifications

Brand	Garmin
Model Name	NEO 2T
Item Model Number	T2875.60
UPC	753759254186
Color	Black/Blue
Material	Metal (neodymium magnets)
Product Dimensions (L x W x H)	26.69" x 19.02" x 9.92"
Item Weight	47.4 pounds
Load Capacity (Max Power)	2200 watts
Resistance Mechanism	Electronic
Max Incline Simulation	25%
Power Accuracy	1%
Connectivity	ANT+ FE-C, Bluetooth Smart

Warranty and Support

Garmin provides support for the Tacx Neo 2T Smart Trainer. For specific warranty details, please refer to the warranty information included with your product or visit the official Garmin support website. You may also consider purchasing extended protection plans for additional coverage.
For further assistance, visit the Garmin Store on Amazon or consult the User Manual (PDF) and Safety Information (PDF) documents.

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