

ThinkRider A1

ThinkRider A1 Bike Trainer User Manual

Model: A1

INTRODUCTION

The ThinkRider A1 is a direct-drive bike trainer designed for indoor cycling. It offers precise power output and is compatible with popular cycling software like Zwift for an engaging training experience. This manual provides essential information for setting up, operating, maintaining, and troubleshooting your A1 bike trainer. Key features include:

- **Accurate Power Data:** Provides precise power readings for effective training.
- **Fixed 3% Slope Resistance:** Designed to meet professional training needs with a consistent resistance level.
- **Super Quiet Operation:** Operates at a low noise level (as low as 58dB), ensuring minimal disturbance.
- **Durable Battery Life:** Offers a stand-by time of up to 300 days and training time of up to 300 hours.
- **Wireless Connectivity:** Supports BLE 4.0 and ANT+ protocols for broad compatibility with devices and software.

Product accessories included: Quick release lever, quick release converter, and this instruction manual. Please note that a thru-axle converter and ANT+ receiver are optional and sold separately.

SETUP

Follow these steps to set up your ThinkRider A1 Bike Trainer:

1. **Unpack and Assemble:** Carefully remove all components from the packaging. Attach the foot braces to the main unit using the provided hardware. Ensure they are securely fastened for stability.
2. **Install Cassette:** A cassette (not included) must be installed on the trainer's freehub. Ensure the cassette matches your bike's drivetrain (e.g., 10-speed, 11-speed). Use any necessary spacers to ensure proper alignment.
3. **Adjust Hub Width:** The trainer includes aluminum adapters to adjust for different hub widths. Depending on your bike's rear axle type (quick release or thru-axle), you may need to flip or adjust these adapters to match your bike's spacing.
4. **Mount Your Bicycle:** Remove the rear wheel from your bicycle. Carefully align your bike's rear dropouts with the trainer's axle. Secure the bike using the quick release lever or thru-axle (if using an optional converter). Ensure the chain is properly seated on the cassette.



Image: Hands attaching a bicycle to the ThinkRider A1 bike trainer. This shows the process of securing the bike's rear dropouts onto the trainer's axle.



Image: Close-up of hands adjusting the quick release mechanism on a bicycle that is already mounted on the ThinkRider A1 trainer. This illustrates the final step of securing the bike.

OPERATING INSTRUCTIONS

The ThinkRider A1 is a direct-drive trainer with a fixed 3% slope resistance. This means the resistance level is constant and cannot be adjusted via software. Your power output is measured by an internal sensor.

1. **Power On:** The trainer is powered by a CR2032 battery. Ensure the battery is installed correctly. The trainer will automatically activate when pedaling begins.
2. **Connect to Software/Device:** The A1 trainer transmits data wirelessly via BLE 4.0 (Bluetooth Low Energy) and ANT+.
 - **Bluetooth:** On your smartphone, tablet, or computer, enable Bluetooth. Open your preferred cycling application (e.g., Zwift, Rouvy, ThinkRider Powerfun) and search for available sensors. Select the ThinkRider A1 to connect. Note that some Android devices may require location services to be enabled for Bluetooth sensor pairing.
 - **ANT+:** If using an ANT+ compatible device (e.g., bike computer, PC with ANT+ dongle), ensure ANT+ is enabled. Your device should automatically detect the trainer as a power meter.

- [illegible]

Image: A cyclist actively using the ThinkRider A1 bike trainer, with a large screen displaying the Zwift virtual cycling environment. This demonstrates the trainer's compatibility with popular training platforms.

compatible bike computer: **GARMIN** **bryton**

compatible protocol: **BLE** **ANT+**

compatible system:   

compatible software:       



Image: A cyclist using the ThinkRider A1 bike trainer, with a screen showing the ThinkRider Powerfun application. This highlights the trainer's compatibility with its dedicated software for virtual rides.

MAINTENANCE

The ThinkRider A1 bike trainer is designed for durability and smooth operation with minimal maintenance. Regular checks can help ensure its longevity and performance.

- **Cleaning:** Periodically wipe down the trainer with a damp cloth to remove sweat, dust, and grime. Avoid using harsh chemicals.
- **Battery Replacement:** The internal sensor is powered by a CR2032 battery. If you experience inconsistent power readings or connectivity issues, replace the battery. The battery compartment is typically located on the side of the main unit.
- **Check Connections:** Ensure all bolts, especially those for the foot braces, remain tight. Regularly inspect the quick release or thru-axle connection for secure bike mounting.
- **Storage:** When not in use, store the trainer in a dry, clean environment away from extreme temperatures.

Durable Battery Life



Image: A graphic highlighting the durable battery life of the ThinkRider A1 trainer, indicating 300 days of standby time and 300 hours of training time. This emphasizes the low maintenance aspect related to power.

TROUBLESHOOTING

If you encounter issues with your ThinkRider A1 trainer, refer to the following common problems and solutions:

- **No Power Data or Connectivity Issues:**

- **Check Battery:** The most common cause for data dropouts or no connection is a low or dead CR2032 battery. Replace the battery with a fresh one.
- **Bluetooth/ANT+ Interference:** Ensure there are no other devices causing interference. Try moving closer to the trainer or restarting your device/application.
- **Software Issues:** Ensure your cycling application is up-to-date. Try restarting the application or your device.
- **Location Services (Android):** For Android devices, ensure location services are enabled for Bluetooth sensor pairing.

- **Unstable Trainer:**

- **Foot Braces:** Ensure the foot braces are securely attached and all bolts are tightened.

- **Level Surface:** Place the trainer on a flat, stable surface.
- **Bike Not Mounting Securely:**
 - **Axle Adapters:** Verify that the correct axle adapters are used and properly configured for your bike's hub width.
 - **Quick Release/Thru-Axle:** Ensure the quick release lever or thru-axle is fully tightened and secured.

SPECIFICATIONS

Below are the technical specifications for the ThinkRider A1 Bike Trainer:

| Feature | Specification |
|-----------------------|------------------------------------|
| Construction | Triangular steel structure |
| Drive Mode | Direct drive |
| Wireless Signal | BLE 4.0 / ANT+ |
| Simulated Slope | Preset 3% slope (fixed resistance) |
| Maximum Power | 0-1200W |
| Power Error | ±3% |
| Noise Level | 58dB (@1.0m & 30kph) |
| Power Source | CR2032 battery |
| Training Time | Up to 300 hours |
| Stand-by Time | Up to 300 days |
| Packing Size | 520 x 460 x 200 mm |
| Packing Weight | 14.8 kg (net 12.55 kg) |
| Material | Metal, Alloy Steel |
| Color | Black |
| Compatible Wheel Size | Up to 29 Inches |
| Item Weight | 14 kg 300 g |

Technical Parameters:




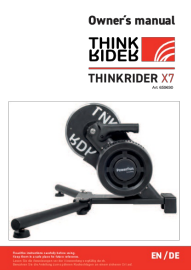

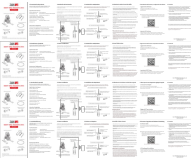
| | | |
|--|---------------------------------|---|
| Construction Triangular steel structure | Packing Size 520*460*200mm | Packing Weight 14.8kg(net 12.55kg) |
| Drive Mode Direct drive | Wireless Signal BLE 4.0/ANT+ | Simulated Slope Preset 3% slope (fixed resistance) |
| Maximum Power 0-1200W | Power error ±3% | Noise Level 58db(@1.0m&30kph) |
| Power Source CR2032 battery | Training Time 300 hours | Stand-by Time 300 days |

Image: A visual representation of the technical parameters for the ThinkRider A1 bike trainer, including construction, drive mode, wireless signal, simulated slope, power, noise level, and battery life.

WARRANTY AND SUPPORT

Information regarding the specific warranty period and detailed support contact information for the ThinkRider A1 Bike Trainer was not available in the provided product data. For warranty claims or technical assistance, please refer to the official ThinkRider website or contact the retailer from whom you purchased the product. It is recommended to keep your proof of purchase for any warranty-related inquiries.

Related Documents - A1

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|--|---|
|  <p>POWER TRAINER A1 User Manual • Uživatelský manuál • Ultratransladyt manual • Handboka manual • Handboka manual</p> | <p>ThinkRider A1 Smart Bike Trainer User Manual</p> <p>Comprehensive user manual for the ThinkRider A1 smart bike trainer, covering product introduction, specifications, installation, safety precautions, and software compatibility.</p> |
|  | <p>ThinkRider A1 Bike Trainer User Manual and Specifications</p> <p>Comprehensive guide to the ThinkRider A1 Bike Trainer, covering product introduction, installation, usage, safety precautions, and warranty information. Features include steel triangle construction, +/- 3% power accuracy, ANT+ and Bluetooth connectivity, and compatibility with various cycling software.</p> |
|  | <p>ThinkRider X5 Smart Bike Trainer User Manual and Specifications</p> <p>Comprehensive guide to the ThinkRider X5 Smart Bike Trainer, covering product introduction, technical specifications, installation, usage caveats, firmware updates, calibration, cycling app compatibility, and warranty information.</p> |
|  | <p>Thinkrider X7 Smart Trainer Owner's Manual</p> <p>Comprehensive owner's manual for the Thinkrider X7 Smart Trainer, detailing features, safety instructions, specifications, installation, compatibility, firmware updates, and warranty information.</p> |
|  | <p>ThinkRider XX PRO Smart Bike Trainer User Manual</p> <p>Explore the ThinkRider XX PRO Smart Bike Trainer with this comprehensive user manual. Learn about its advanced features, installation, technical specifications, software compatibility (like Zwift), and warranty information from ThinkRider.</p> |
|  | <p>ThinkRider X2 MAX Smart Bike Trainer: Manual de Usuario y Guía de Instalación</p> <p>Descubra cómo instalar y usar su ThinkRider X2 MAX Smart Bike Trainer. Este manual cubre especificaciones técnicas, instrucciones de montaje, advertencias de seguridad, actualización de firmware, configuración de software y detalles de garantía.</p> |