

Gotrax CTI

CTI Commuter E-Bike User Manual

Model: CTI | Brand: Gotrax

1. INTRODUCTION

Welcome to the user manual for your new Gotrax CTI Commuter E-Bike. This manual provides essential information for the safe operation, assembly, maintenance, and troubleshooting of your electric bicycle. Please read this manual thoroughly before your first ride to ensure proper usage and to maximize the lifespan of your e-bike.

Safety Guidelines

- Always wear a helmet and appropriate safety gear when riding.
- Familiarize yourself with local traffic laws and regulations.
- Perform a pre-ride inspection before each use, checking brakes, tires, and battery level.
- Do not operate the e-bike under the influence of alcohol or drugs.
- Avoid riding in adverse weather conditions or on slippery surfaces.
- Ensure the battery is fully charged before long rides.

2. PRODUCT OVERVIEW

The Gotrax CTI Commuter E-Bike is designed for urban riding, offering a blend of electric assistance and traditional cycling. Key components include the aluminum alloy frame, 27.5-inch wheels, 350W motor, and 36V 10.4aH battery.



Figure 2.1: Overview of the CTI Commuter E-Bike. This image displays the full bicycle, showcasing its sleek black frame, large 27.5-inch wheels, and the integrated battery within the downtube. The handlebars, seat, pedals, and disc brakes are also visible.

Main Components

- **Frame:** Aluminum alloy A6061 for durability and lightweight performance.
- **Motor:** 350W electric motor, providing assistance for speeds up to 20 mph.
- **Battery:** 36V 10.4aH lithium battery, offering a range of up to 40.5 miles.
- **Wheels:** 27.5-inch aluminum wheels with rigid suspension.
- **Brakes:** Dual braking system on front and back wheels for reliable stopping power.
- **Gears:** 7-speed system with trigger shifter for varied terrain.

3. SETUP

The CTI Commuter E-Bike is largely pre-assembled. Minimal setup is required before your first ride.

Initial Assembly (if required)

1. **Handlebar Installation:** Securely attach the handlebars to the stem, ensuring all bolts are tightened to the manufacturer's specifications.
2. **Pedal Attachment:** Identify left (L) and right (R) pedals. Thread them into the crank arms carefully. Note that the left pedal has a reverse thread.
3. **Seat Post Adjustment:** Insert the seat post into the frame and adjust the seat height to a comfortable riding position, ensuring the quick-release lever is securely fastened.
4. **Tire Inflation:** Inflate tires to the recommended pressure indicated on the tire sidewall.

Battery Charging

Before first use, fully charge the battery. The battery can be charged while installed on the bike or removed.

- Connect the charger to the charging port on the battery or bike.
- Plug the charger into a standard wall outlet.
- The indicator light on the charger will change color (e.g., red to green) when charging is complete.
- Unplug the charger once charging is complete to prevent overcharging.

4. OPERATING

Powering On/Off

- To power on the e-bike, press and hold the power button on the display panel.
- To power off, press and hold the power button again until the display turns off.

Riding Modes

The CTI E-Bike offers two primary electric assist modes:

- **Pedal Assist:** The motor provides assistance as you pedal. You can adjust the level of assistance via the display panel.
- **Throttle:** Engage the throttle (typically a thumb throttle or twist grip) to propel the bike without pedaling. This mode is ideal for quick acceleration or maintaining speed without effort.

Gear Shifting

Your e-bike is equipped with a 7-speed gear system. Use the trigger shifter on the handlebars to change gears. Shift to lower gears for climbing hills and higher gears for flat terrain or downhill riding.

Braking System

The CTI features dual braking on both front and back wheels. Apply both brakes simultaneously for effective and safe stopping. Avoid sudden, hard braking, especially at high speeds.

5. MAINTENANCE

Regular maintenance ensures the longevity and safe operation of your e-bike.

- **Battery Care:**
 - Charge the battery regularly, even if not in use, to maintain its health.
 - Store the battery in a cool, dry place away from direct sunlight.

- Avoid fully discharging the battery frequently.
- **Tire Pressure:** Check tire pressure before each ride. Maintain the recommended PSI (pounds per square inch) found on the tire sidewall for optimal performance and safety.
- **Brake Inspection:** Regularly inspect brake pads for wear and ensure brake levers provide firm and responsive stopping power. Adjust or replace as necessary.
- **Chain Lubrication:** Keep the chain clean and lubricated to ensure smooth gear changes and prevent rust.
- **General Cleaning:** Clean the e-bike with a damp cloth. Avoid using high-pressure washers directly on electrical components.
- **Fastener Check:** Periodically check all bolts and fasteners for tightness, especially on critical components like handlebars, wheels, and seat post.

6. TROUBLESHOOTING

This section addresses common issues you might encounter with your CTI Commuter E-Bike.

Problem	Possible Cause	Solution
E-bike does not power on.	Battery is not charged or not properly connected.	Ensure battery is fully charged and securely seated. Check power button.
Motor not assisting.	Low battery, pedal assist level set to zero, or sensor issue.	Charge battery. Increase pedal assist level on display. Check for loose sensor cables.
Brakes feel weak.	Worn brake pads or loose brake cable.	Inspect brake pads for wear and replace if necessary. Adjust brake cable tension.
Unusual noises from drivetrain.	Dry chain, misaligned gears, or debris.	Clean and lubricate chain. Check gear alignment. Remove any debris from chain or gears.

If you encounter issues not listed here or require further assistance, please contact Gotrax customer support.

7. SPECIFICATIONS

Detailed technical specifications for the Gotrax CTI Commuter E-Bike:

- Bike Type:** Electric Bike
- Model Name:** CTI
- Brand:** Gotrax
- Motor Size:** 350W
- Top Speed:** 20 mph
- Battery Size:** 36V 10.4aH (Lithium Battery Energy Content: 374.4 Watt Hours)
- Range:** Up to 40.5 Miles
- Payload Capacity:** 300 lbs (Maximum Weight Recommendation: 265 Pounds)
- Wheel Size:** 27.5 Inches
- Frame Material:** Aluminum alloy A6061
- Suspension Type:** Rigid

Brake Style: Dual Braking on Front/Back Wheels

Number of Speeds: 7

Electric Assist Type: Pedal Assist and Throttle

Color: Black

Assembly Required: No (largely pre-assembled)

UPC: 810066089334

8. WARRANTY INFORMATION

The Gotrax CTI Commuter E-Bike comes with a **2-Year Limited Warranty**. This warranty covers manufacturing defects and issues arising from normal use. Please retain your proof of purchase for warranty claims. For detailed terms and conditions of the warranty, please refer to the official Gotrax website or contact customer support.




9. SUPPORT




For further assistance, technical support, or warranty inquiries, please contact Gotrax customer service:

- **Website:** Visit the official Gotrax website for FAQs, support articles, and contact forms.
- **Email:** Refer to your purchase documentation or the Gotrax website for direct email support.
- **Phone:** Contact numbers may be available on the official Gotrax support page.

Please have your model name (CTI) and purchase information ready when contacting support.

Related Documents - CTI

	<p>GOTRAX Nephele Electric Bike User Manual: Assembly, Operation, and Maintenance Guide</p> <p>Your essential guide to the GOTRAX Nephele electric bike. Learn how to assemble, operate safely, charge, maintain, and understand the warranty for your e-bike.</p>
	<p>GOTRAX SHIFT S1 E-BIKE User Manual</p> <p>This user manual provides comprehensive instructions for assembling, operating, and maintaining the GOTRAX SHIFT S1 Foldable Electric Bike. It includes safety guidelines, troubleshooting tips, and warranty information.</p>
	<p>GOTRAX R5 Electric Bike User Manual: Assembly, Operation, and Safety Guide</p> <p>This user manual provides comprehensive instructions for the GOTRAX R5 electric bike, covering assembly, safe operation, maintenance, and troubleshooting. Learn how to get the most out of your new electric bicycle.</p>

	<p>GOTRAX CTI 2 Electric Scooter User Manual</p> <p>Comprehensive user manual for the GOTRAX CTI 2 electric scooter. This guide provides essential information on safety, assembly, operation, maintenance, troubleshooting, and specifications for your GOTRAX CTI 2.</p>
	<p>CTI 2500 Series Controller Programming Reference Manual</p> <p>This manual provides comprehensive reference information for programming the CTI 2500 Series Controller, detailing various instructions, operations, and configurations for developing user programs.</p>
	<p>GOTRAX F1V2 Electric Bike User Manual</p> <p>Comprehensive user manual for the GOTRAX F1V2 electric bike, covering assembly, operation, maintenance, troubleshooting, and warranty information.</p>

Documents - Gotrax – CTI



[\[pdf\]](#) User Manual Specifications
CTI 3 Manuals for Products GOTRAX® Official Site GOTRAX Manual v 1698155473 cdn shopify s files 1 0071 0406 9747 |||
CTI3 Electric Bike USER MANUAL Congratulations on your purchase This user manual will help you ... 20 Tire Inflation Instructions 21 Maintenance Rep...
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[GOTRAX CTI 2 Electric Scooter User Manual](#)

Comprehensive user manual for the GOTRAX CTI 2 electric scooter. This guide provides essential information on safety, assembly, operation, maintenance, troubleshooting, and specifications for your GOTRAX CTI 2.

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4 UL-US-2405056-0 E504792-20240202 Certificate of Compliance Certificate

Number: UL-US-2405056-0 Re ... d on this certificate were tested according to the current UL requirements. Model E09-G, TRANSFER, **CTI** E10-G, TRANSIT Product Description Pedelecs and E-Bikes Pedelecs and E-Bikes David Piecuch UL ...

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