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LEXGO CT26

Lexgo CT26 Electric Bicycle User Manual

Model: CT26 | Brand: LEXGO

1. Introduction

Welcome to the Lexgo CT26 Electric Bicycle User Manual. This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your new electric bicycle. Please read this manual thoroughly before your first ride and keep it for future reference. Proper understanding and adherence to these instructions will ensure a long and enjoyable experience with your Lexgo CT26 E-bike.



Image: The Lexgo CT26 Electric Bicycle, showcasing its sleek design and robust frame.

2. Safety Information

Your safety is paramount. Always observe the following safety guidelines:

- **Helmet Use:** Always wear a certified bicycle helmet when riding.
- **Traffic Laws:** Obey all local traffic laws, regulations, and road signs.
- **Pre-Ride Check:** Before each ride, check tire pressure, brake functionality, battery level, and ensure all bolts and quick releases are secure.
- **Visibility:** Use the integrated lights and wear reflective clothing, especially when riding in low light conditions.
- **Weather Conditions:** Exercise caution when riding in wet or slippery conditions. Braking distances may increase.
- **Weight Limit:** Do not exceed the maximum weight capacity of the bicycle.
- **Children:** This bicycle is designed for adults. Keep out of reach of children.



Image: Illustration highlighting the LED front light, rear light, and disc brakes for enhanced safety and visibility.

3. Package Contents

Upon unpacking, please verify that all the following components are included:

- Lexgo CT26 Electric Bicycle (main unit)
- Battery Charger
- Kickstand
- Reflectors (front and rear)
- Bell
- User Manual (this document)

If any items are missing or damaged, please contact customer support immediately.

4. Setup and Initial Preparation

4.1 Assembly

Your Lexgo CT26 E-bike comes partially assembled. Follow these general steps for final assembly:

1. **Handlebar Installation:** Securely attach the handlebar to the stem, ensuring it is centered and tightened properly.
2. **Pedal Attachment:** Identify the left (L) and right (R) pedals. Thread them carefully into the crank arms. Note that the left pedal has a reverse thread. Tighten firmly.
3. **Seat Post Adjustment:** Insert the seat post into the frame and adjust the seat height to a comfortable and safe riding position. Ensure the quick release or bolt is securely fastened.
4. **Accessory Installation:** Attach the reflectors and bell as per local regulations.
5. **Pre-Ride Check:** Before your first ride, double-check all connections, bolts, and quick releases to ensure they are tight and secure.

If you are unsure about any assembly steps, it is highly recommended to seek assistance from a qualified bicycle mechanic.

4.2 Initial Battery Charge

Before your first ride, fully charge the battery. This typically takes approximately 4 hours.

1. Locate the charging port on the bicycle.
2. Connect the charger to the charging port, then plug the charger into a standard wall outlet.
3. The charger's indicator light will show the charging status (e.g., red for charging, green for fully charged).
4. Once fully charged, disconnect the charger from the outlet first, then from the bicycle.



Image: Visual representation of the 36V battery and 4-hour fast charging capability.

5. Operating Instructions

5.1 Powering On/Off

To power on your Lexgo CT26, locate the power button on the control panel (usually on the handlebar). Press and hold the button for a few seconds until the display illuminates. To power off, press and hold the button again until the display turns off.

5.2 Pedal Assist System (PAS)

The Lexgo CT26 features a pedal assist system that provides motor power as you pedal. You can typically select different levels of assistance (e.g., Low, Medium, High) using buttons on the control panel. Higher levels provide more assistance and consume more battery power.

- **Level 0 (Off):** No motor assistance, operates like a regular bicycle.
- **Level 1-3 (or more):** Provides increasing levels of motor assistance.

The motor will assist up to a maximum speed of 25 km/h (15.5 mph).

5.3 Braking

Your Lexgo CT26 is equipped with reliable disc brakes on both the front and rear wheels. Apply both brakes simultaneously for effective and controlled stopping. Avoid sudden, hard braking, especially at high speeds or on slippery surfaces.

5.4 Lights and Bell

Activate the integrated LED front light and rear light for improved visibility, especially during dawn, dusk, or night riding. Use the bell to alert pedestrians and other cyclists of your presence.

6. Maintenance

Regular maintenance will prolong the life of your Lexgo CT26 and ensure safe operation.

6.1 Cleaning

Clean your e-bike regularly with a damp cloth and mild soap. Avoid using high-pressure washers directly on electrical components or bearings.

6.2 Tires

Check tire pressure before each ride. Maintain the recommended pressure (usually indicated on the tire sidewall) for optimal performance and safety. Inspect tires for wear, cuts, or punctures.

6.3 Brakes

Regularly inspect brake pads for wear. Replace them when they become thin. Ensure brake levers feel firm and responsive.

6.4 Battery Care

- Charge the battery regularly, even if not used frequently.
- Avoid completely draining the battery.
- Store the battery in a cool, dry place, away from direct sunlight and extreme temperatures.
- If storing for an extended period, charge the battery to about 50-70% and check it periodically.

6.5 General Inspection

Periodically check all nuts, bolts, and screws for tightness. Lubricate the chain regularly with appropriate bicycle chain lubricant.

7. Troubleshooting

This section addresses common issues you might encounter with your Lexgo CT26. For problems not listed here, please contact customer support.

Problem	Possible Cause	Solution
Bike does not power on.	Battery is low or depleted; Power button not pressed correctly; Loose battery connection.	Charge the battery; Press and hold the power button firmly; Ensure battery is securely seated.
Motor not assisting.	PAS level set to 0; Brake levers engaged; Sensor issue.	Increase PAS level; Release brake levers completely; Check for any obstructions around sensors.

Problem	Possible Cause	Solution
Battery not charging.	Charger not properly connected; Faulty outlet; Damaged charger or battery.	Ensure secure connections; Try a different outlet; Contact support if charger/battery is suspected faulty.
Brakes feel spongy or weak.	Worn brake pads; Air in hydraulic lines (if applicable); Misaligned calipers.	Inspect and replace brake pads; Consult a mechanic for brake bleeding or caliper adjustment.

8. Specifications

Detailed technical specifications for the Lexgo CT26 Electric Bicycle:



Image: Infographic detailing high-performance motor specifications including range, motor power, max speed, and wheel size.

- **Model:** CT26
- **Motor Power:** 250W
- **Battery:** 36V, 5.2 Ah, 216 Wh

- **Max Speed:** 25 km/h (15.5 mph)
- **Max Range:** Up to 65 km (40 miles) on a single charge (depending on terrain, rider weight, and assist level)
- **Charging Time:** Approximately 4 hours
- **Wheel Size:** 26 inches
- **Frame Material:** Aluminum
- **Brakes:** Front and Rear Disc Brakes
- **Suspension Type:** Double Suspension
- **Recommended Age:** Adults
- **Product Weight:** 35 kg (77 lbs)
- **Color:** Black

9. Warranty and Support

Your Lexgo CT26 Electric Bicycle comes with a**24-month warranty** from the date of purchase, covering manufacturing defects. Please retain your proof of purchase for warranty claims.
For technical support, warranty claims, or any questions not covered in this manual, please contact Lexgo customer service through the retailer where you purchased the product or visit the official Lexgo website for contact information.



Image: Branding image emphasizing Lexgo CT26's quality and security features.

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