

Likebike UM1

Likebike UM1 Electric Mountain Bike User Manual

Model: UM1

[Box](#) [Assembly](#) [Introduction](#) [Safety Information](#) [What's in the](#)
[Operation](#) [Maintenance](#) [Troubleshooting](#) [Specifications](#) [Warranty & Support](#)

1. INTRODUCTION

This manual provides essential instructions for the safe assembly, operation, and maintenance of your Likebike UM1 Electric Mountain Bike. Please read this manual thoroughly before your first ride to ensure proper usage and to maximize your riding experience.

The Likebike UM1 is an electric mountain bike designed for adults, featuring a powerful motor, a removable 48V battery, 20-inch fat tires, full suspension, and a 7-speed gear system. It is built for various terrains and offers multiple riding modes.

2. SAFETY INFORMATION

Your safety is paramount. Always wear a helmet and appropriate safety gear when riding. Adhere to all local traffic laws and regulations. Regular maintenance checks are crucial for safe operation.

2.1 General Safety Guidelines

- Always perform a pre-ride inspection, including brakes, tires, and battery.
- Ensure all bolts and quick releases are securely fastened.
- Do not ride under the influence of alcohol or drugs.
- Be aware of your surroundings and ride defensively.
- Avoid riding in adverse weather conditions if possible.

2.2 Anti-Theft Measures

To help prevent theft of your Likebike UM1, consider the following steps:

1. Record the bicycle's serial number, typically found on the frame underneath the bottom bracket or on the head tube.
2. Register your bicycle with local police or a national bicycle registration service.
3. Invest in a high-quality bicycle lock that resists cutting tools. Always secure your bicycle to an immovable object

when unattended.



Image: Likebike electric bike highlighting safety certifications.

3. WHAT'S IN THE BOX

Upon opening your Likebike UM1 package, please verify that all the following components are present:

- Likebike UM1 Electric Mountain Bike (partially assembled)
- User Manual (this document)
- 48V 23Ah Removable Lithium Battery
- Battery Charger
- NFC Card (for unlocking)
- Tool Kit (for assembly)

4. ASSEMBLY INSTRUCTIONS

Your Likebike UM1 Electric Mountain Bike is 85% pre-assembled. The following steps, along with the provided video, will guide you through the final assembly process. Please use the included tool kit.

4.1 Assembly Video Guide

Your browser does not support the video tag.

Video: Official Likebike UM1 Plus Unboxing and Assembly Guide. This video demonstrates the step-by-step process of unboxing and assembling your electric bike, including handlebar installation, fender attachment, wheel installation, and battery insertion.

4.2 Step-by-Step Assembly

1. **Unboxing and Initial Inspection:** Carefully remove the bike and all components from the packaging. Remove all protective wrapping.



Image: The Likebike UM1 Electric Mountain Bike after unboxing, showing main frame and components.

2. **Handlebar Installation:** Attach the handlebars to the stem. Ensure they are centered and tightened securely using the provided hex keys.

SMART LCD DISPLAY



Image: Handlebar assembly with smart LCD display and controls.

3. **Fender and Taillight Attachment:** Install the front and rear fenders. Attach the taillight to the rear fender or seat post area, ensuring it is securely fastened.

SAFETY SYSTEM

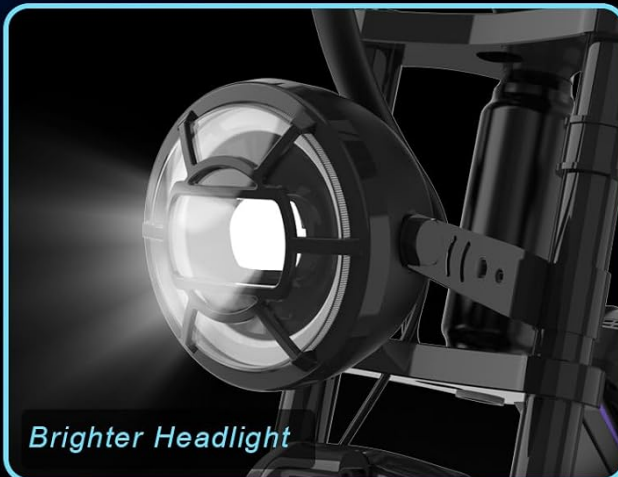
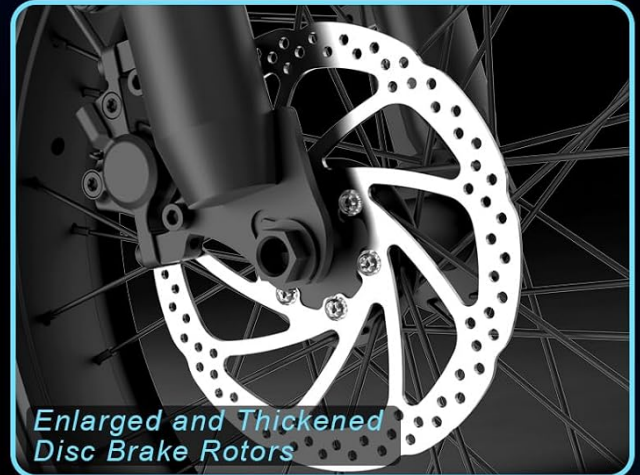


Image: Rear fender and taillight installation.

4. **Headlight Installation:** Mount the headlight to the front fork assembly. Connect any necessary wiring as per the instructions.

SAFETY SYSTEM

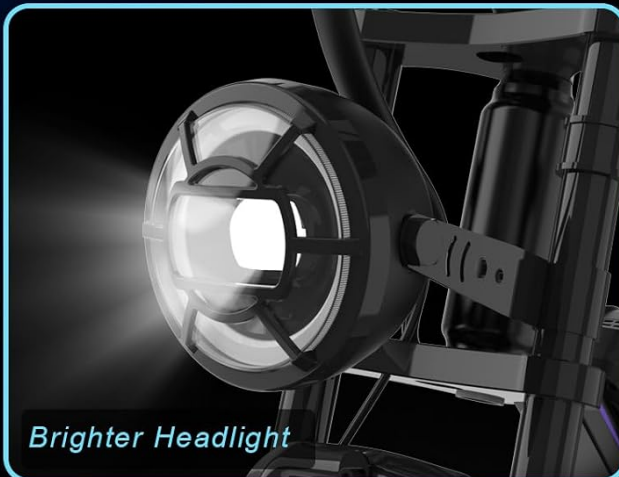
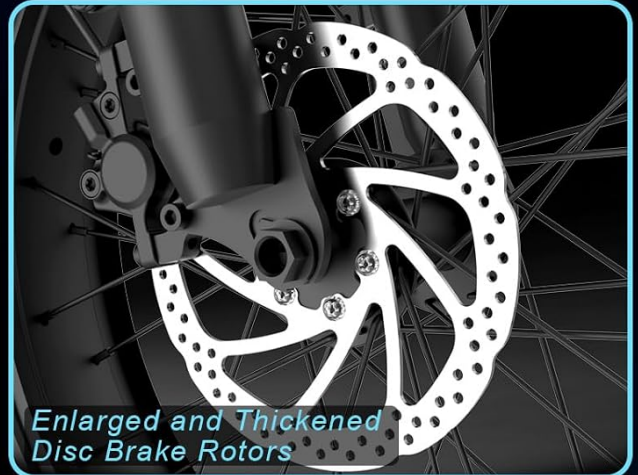
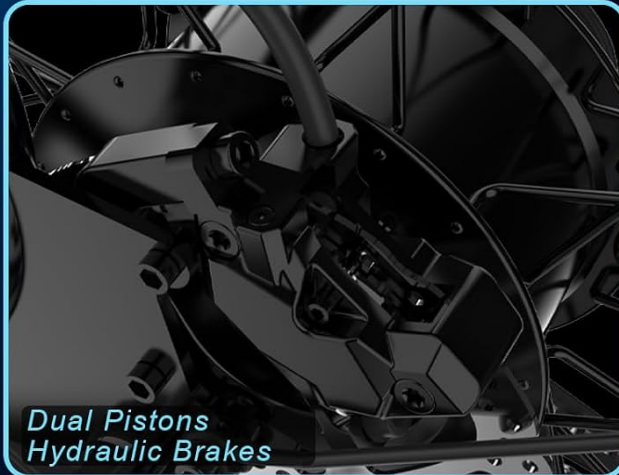


Image: Front headlight installation.

5. **Front Wheel Installation:** Carefully install the front wheel into the fork. Ensure the brake rotor aligns correctly with the caliper and secure the wheel axle.

20"X4.0"

All Terrains Fat Tire

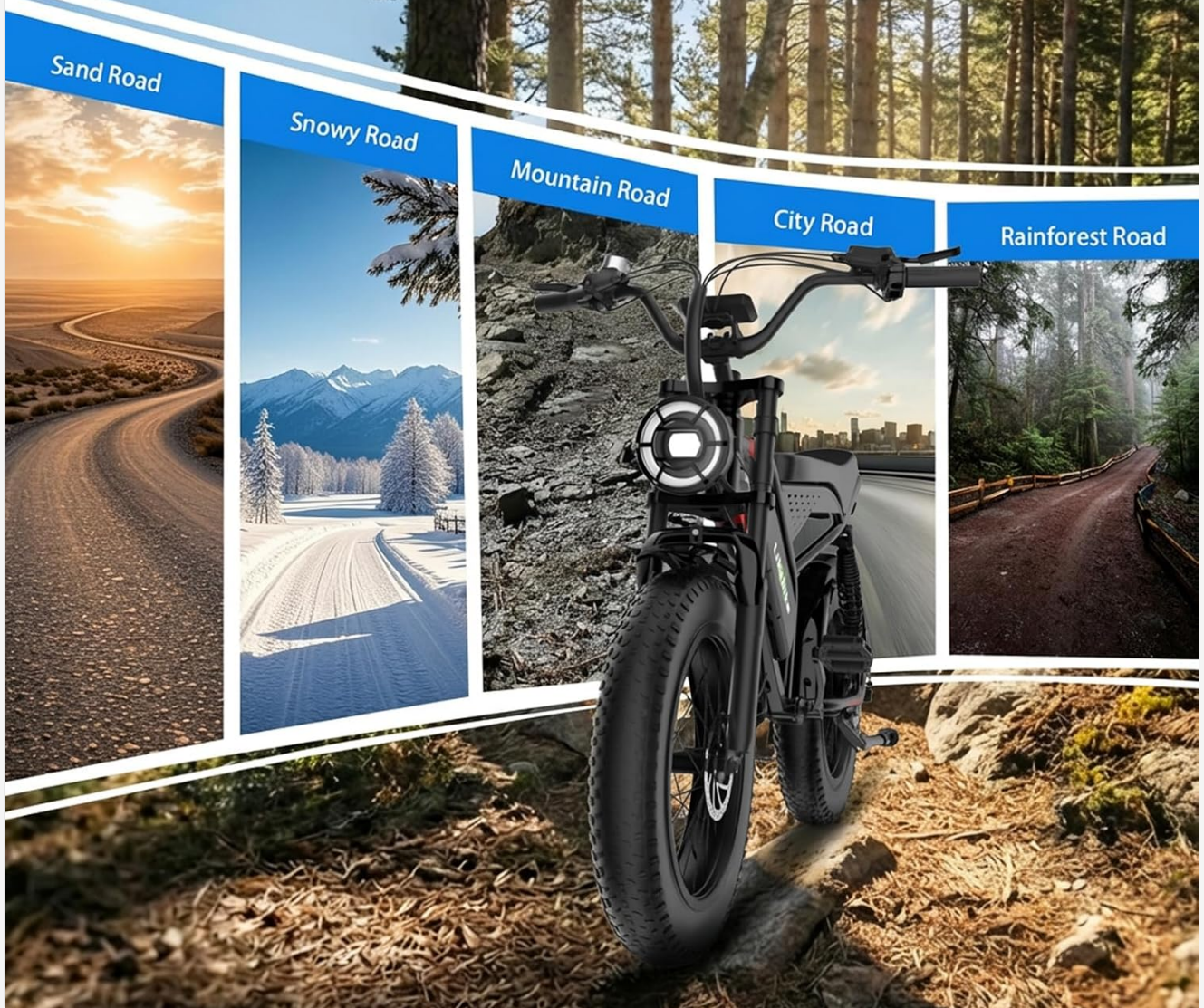


Image: Front fat tire and disc brake assembly.

6. **Pedal Installation:** Identify the left (L) and right (R) pedals. Thread them into the crank arms, ensuring correct orientation, and tighten them firmly.
7. **Battery Insertion:** Insert the 48V removable battery into its designated compartment on the frame. Ensure it clicks securely into place and is locked with the key.

UPGRADE DRIVING RANGE

48V 23AH Removable High Capacity Battery



3A Charger

6-8 Hours Charging Time

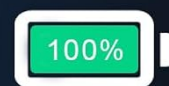


Image: The 48V 23Ah removable battery being inserted into the bike frame.

8. **Tire Inflation:** Inflate both tires to the recommended pressure indicated on the tire sidewall.
9. **Final Checks:** Double-check all connections, bolts, and components for tightness and proper alignment before your first ride.

5. OPERATING INSTRUCTIONS

5.1 Powering On/Off and NFC Unlock

To power on your Likebike UM1, use the smart NFC card. Tap the card to the designated area on the display to unlock and activate the bike. To power off, typically hold the power button on the display or use the NFC card again.

5.2 Smart LCD Display

The integrated smart LCD display provides real-time information about your ride. It shows:

- Current Speed
- Mileage (Trip/Odometer)
- Riding Status (e.g., current assist level)

- Battery Life/Voltage

Use the control buttons near the handlebar grip to navigate through display modes and adjust settings.

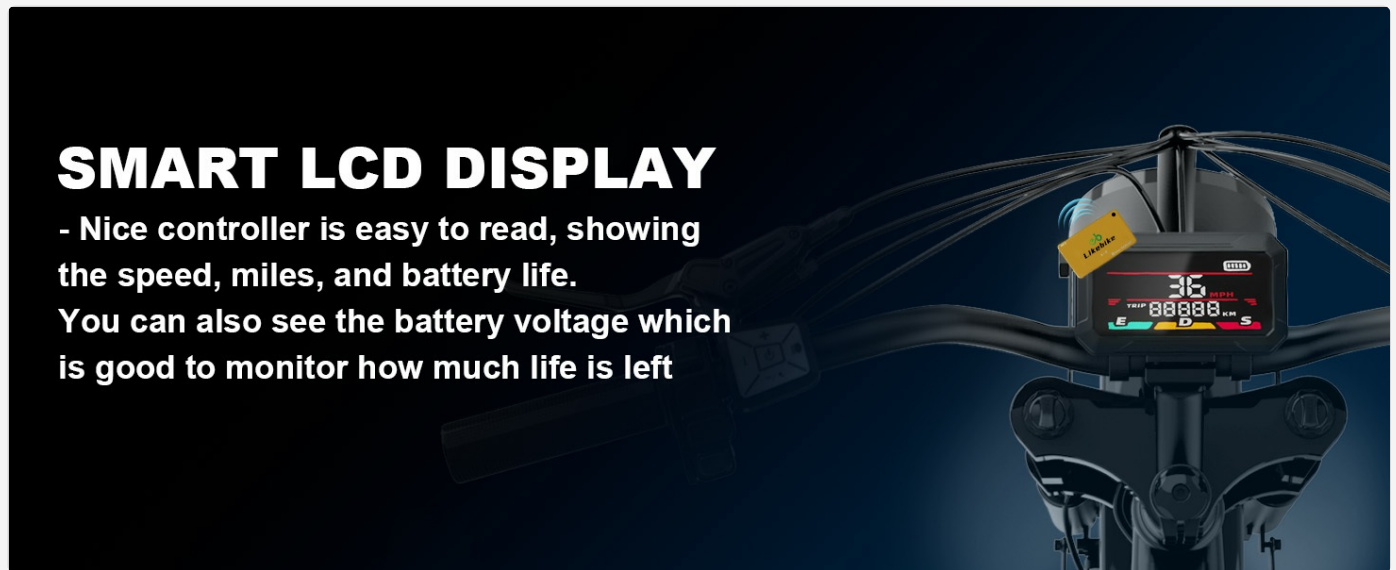


Image: Close-up of the smart LCD display, showing various ride metrics and NFC card functionality.

5.3 Riding Modes

Your Likebike UM1 offers 5 distinct riding modes, allowing you to adapt to different terrains and preferences:

- **Pure Electric Mode:** The bike is propelled solely by the motor, without pedal assistance.
- **Pedal Assist Mode:** The motor provides assistance as you pedal, offering a boost to your effort. This mode extends battery range significantly (up to 80 miles).
- **Normal Bike Mode:** The motor is off, and the bike functions as a traditional bicycle, relying entirely on pedal power.
- **Cruise Mode:** Maintains a set speed without continuous throttle input (refer to display manual for activation).
- **Walk Mode:** Provides low-speed motor assistance for walking the bike alongside you.



Image: Illustration of different riding modes and their applications.

5.4 Braking System

The bike is equipped with 4-piston hydraulic disc brakes (180mm) for reliable stopping power. Always apply both brakes simultaneously for optimal control and shorter stopping distances. Test brakes before each ride.



Image: Detailed view of the dual-piston hydraulic disc brakes.

5.5 Gear System

The 7-speed gear system allows you to adjust pedaling effort for different inclines and speeds. Shift gears smoothly while pedaling to avoid strain on the drivetrain components.

6. MAINTENANCE

Regular maintenance ensures the longevity and safe operation of your Likebike UM1. Perform these checks periodically:

6.1 General Care

- Keep the bike clean, especially after riding in wet or muddy conditions. Use a damp cloth; avoid high-pressure washing directly on electrical components.
- Lubricate the chain regularly with bicycle-specific chain lubricant.
- Check all bolts and fasteners for tightness before each ride.

6.2 Battery Care

- Charge the 48V 23Ah lithium battery using only the provided charger.
- Charging time is approximately 6 to 8 hours for a full charge.
- Do not overcharge the battery. Disconnect the charger once fully charged.
- Store the battery in a cool, dry place, away from direct sunlight and extreme temperatures.
- If storing for extended periods, charge the battery to 50-70% every 2-3 months.
- The battery is removable for convenient recharging indoors.

48V 23AH

Removable Safety Protection Battery

- Fully charged in 6-8 hours
- Handle long commutes,max 60 miles

6.3 Tires and Brakes

- Check tire pressure before each ride. Maintain pressure within the range specified on the tire sidewall.
- Inspect tires for wear, cuts, or punctures regularly.
- Check brake pads for wear and replace them when necessary.
- Ensure brake levers are firm and responsive. Adjust cable tension or bleed hydraulic brakes if needed (professional service recommended for hydraulic brake bleeding).

7. TROUBLESHOOTING

This section covers common issues you might encounter with your Likebike UM1. For more complex problems, please contact customer support.

Problem	Possible Cause	Solution
Bike does not power on.	Battery not inserted correctly, battery discharged, NFC card not detected.	Ensure battery is fully seated and locked. Charge the battery. Tap NFC card correctly.
Motor not assisting.	Low battery, incorrect riding mode, loose motor connection.	Check battery level. Switch to Pedal Assist or Pure Electric mode. Inspect motor cable connections.
Brakes feel weak.	Worn brake pads, air in hydraulic lines, loose caliper.	Inspect and replace brake pads. Consult a bike mechanic for hydraulic brake service. Ensure caliper bolts are tight.
Unusual noises during riding.	Loose components, dry chain, misaligned gears.	Check all fasteners. Lubricate chain. Adjust gear derailleur (professional service recommended).

8. SPECIFICATIONS

Key technical specifications for the Likebike UM1 Electric Mountain Bike:

- **Bike Type:** Electric Mountain Bike
- **Model Number:** UM1
- **Brand:** Likebike
- **Motor:** 2000W Peak (also available in 1500W/3000W variants)

- **Battery:** 48V 23Ah Removable Lithium Battery (960 Watt Hours)
- **Top Speed:** Up to 40 MPH (depending on motor variant and local regulations)
- **Range:** Up to 80 miles (with pedal assist, depending on load and terrain)
- **Brakes:** 180mm Hydraulic Disc Brakes (4-piston)
- **Suspension:** Full Suspension (Front and Rear)
- **Wheels:** 20 Inches
- **Tires:** 20x4 Inch Fat Tires
- **Gears:** 7-Speed System
- **Frame Material:** High Carbon Steel
- **Waterproof Rating:** IPX6
- **Total Payload Capacity:** 330 lbs
- **Net Weight:** 105 lbs
- **Recommended Rider Height:** 4.8 - 6.5 ft
- **Special Features:** Smart NFC Unlock, Color Digital Display, Headlight, Taillight with Turn Signal, Electric Horn
- **Certifications:** UL2849 & GCC (Safety-backed)

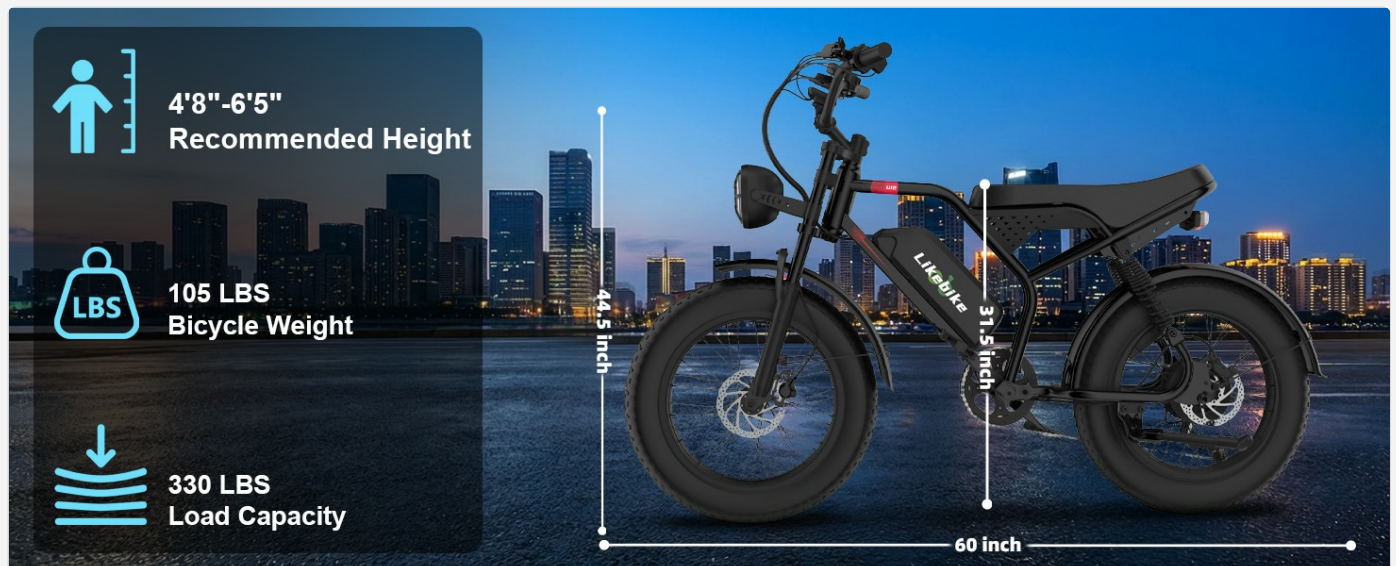


Image: Dimensions and weight specifications for the Likebike UM1 electric bike.

9. WARRANTY & SUPPORT

9.1 Warranty Information

The Likebike UM1 Electric Mountain Bike comes with a **one-year manufacturer's warranty**. This warranty covers defects in materials and workmanship under normal use. Please retain your proof of purchase for warranty claims.

9.2 Customer Support

For any questions, concerns, or assistance with assembly, operation, or troubleshooting, please contact Likebike customer service. We are committed to providing support and will respond within 24 hours.

- **Email Support:** Support@likebike.bike
- **Text Support:** (281) 905-6035
- **Assembly Help Video:** Scan the QR code below or visit <https://qr07.cn/B9F8qu>



Image: Customer support contact details and QR code for assembly video.

© 2026 Likebike. All rights reserved.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Email

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Details

Submit question

