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X-koala F30

X-koala F30 Electric Mountain Bike User Manual

Model: F30 | Brand: X-koala

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1. INTRODUCTION

This manual provides essential information for the safe and efficient operation of your X-koala F30 Electric Mountain Bike. Please read this manual thoroughly before your first ride and keep it for future reference. Proper assembly, maintenance, and usage are crucial for your safety and the longevity of your e-bike.



Image 1.1: Side view of the X-koala F30 Electric Mountain Bike.

2. SAFETY INFORMATION

Your safety is paramount. Always adhere to the following guidelines:

- Always wear a helmet that meets safety standards.
- Familiarize yourself with local traffic laws and regulations for e-bikes.
- Perform a pre-ride inspection before each use, checking brakes, tire pressure, and battery charge.
- Do not ride under the influence of alcohol or drugs.
- Be aware of your surroundings and ride defensively.
- Ensure all components are securely fastened before riding.
- Avoid riding in extreme weather conditions or on excessively slippery surfaces.

3. PACKAGE CONTENTS

Upon unpacking, ensure all the following items are present:

- X-koala F30 Electric Mountain Bike (partially assembled)
- Removable 48V 10.4Ah Battery
- Battery Charger
- Headlight
- Mudguard (Front and Rear)
- Pedals
- Tool Kit for Assembly
- User Manual
- Battery Keys (2)

4. SETUP AND ASSEMBLY

Your X-koala F30 e-bike comes 90% pre-assembled. Follow these steps to complete the assembly:

4.1. Unpacking and Initial Inspection

1. Carefully remove the bike and all components from the packaging.
2. Remove all protective packing materials.
3. Inspect for any visible damage during shipping. Contact customer support immediately if any damage is found.

4.2. Front Wheel Installation

1. Align the front wheel with the fork.
2. Ensure the disc brake rotor slides correctly into the brake caliper.
3. Secure the wheel using the quick-release skewer or axle nuts, ensuring it is tight and centered.

4.3. Handlebar Attachment

1. Remove the screws from the stem.
2. Position the handlebar in the stem clamp.
3. Adjust the handlebar to your desired angle and tighten the stem screws securely.

4.4. Pedal Installation

1. Identify the left (L) and right (R) pedals.
2. Screw the pedals into the crank arms. The right pedal tightens clockwise, and the left pedal tightens counter-clockwise.
3. Use a wrench to ensure they are firmly tightened.

4.5. Fender and Headlight Attachment

1. Attach the front and rear mudguards to their designated mounting points.
2. Mount the headlight to the front of the bike and connect its wiring.

4.6. Seat Post Installation

1. Insert the seat post into the frame's seat tube.
2. Adjust the seat height to a comfortable riding position.
3. Secure the seat post with the quick-release lever or bolt.

4.7. Assembly Video Guide

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Video 4.1: This video demonstrates the assembly process for a similar electric fat bike, including unpacking, front wheel installation, handlebar attachment, pedal installation, and seat adjustment. While the brand shown is 'LuxeVelo', the steps are generally applicable to the X-koala F30.

5. OPERATING INSTRUCTIONS

5.1. Battery Charging and Installation

- To charge the 48V 10.4Ah removable battery, connect the charger to the battery and a power outlet.
- The battery can be charged on or off the bike.
- Use the provided keys to lock or unlock the battery from the frame.
- A full charge typically takes 5-6 hours.



Image 5.1: Detail of the removable 48V 10.4Ah battery and its lock mechanism.

5.2. Multi-function LCD Display

The bike features a multi-function LCD display on the handlebar. This display provides information such as:

- Battery Level Display
- Current Speed (Travel Speed)
- Gear Shift Indicator
- Mileage (Odometer)
- Pedal Assist Level (PAS)

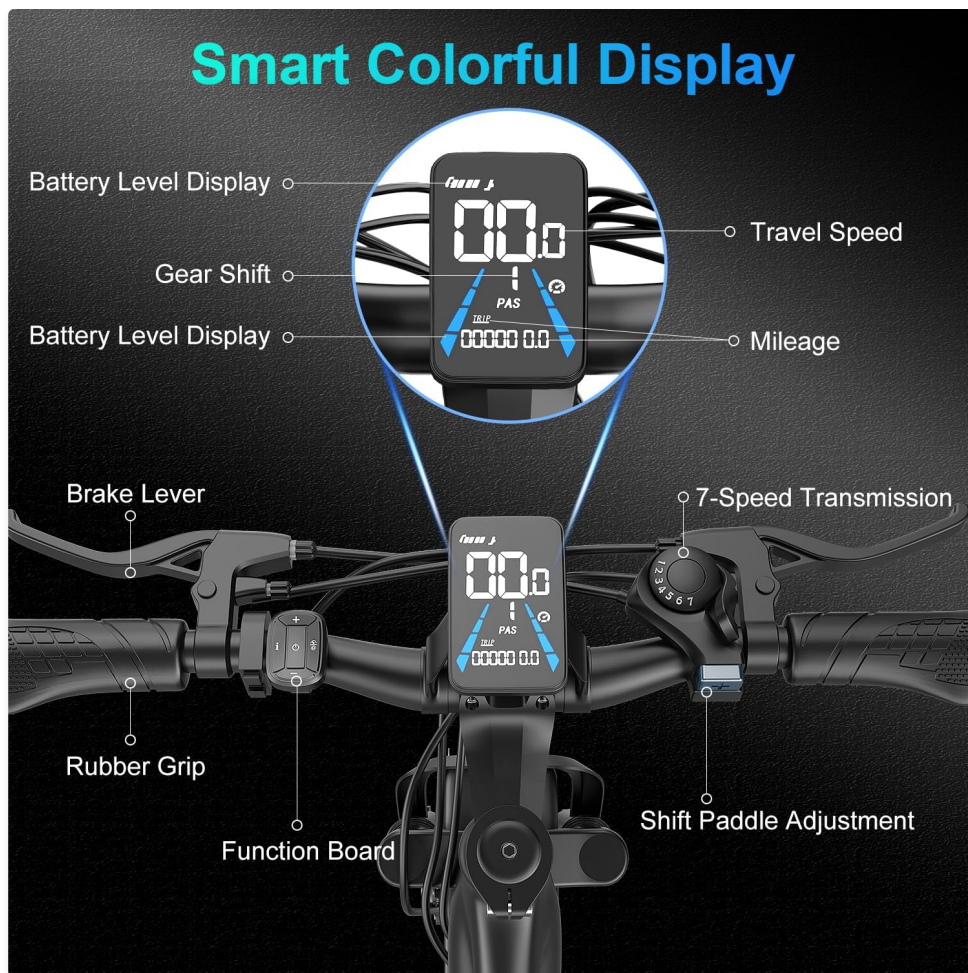


Image 5.2: Close-up of the smart colorful LCD display and handlebar controls, showing battery level, speed, gear, and mileage indicators.

5.3. Riding Modes

The X-koala F30 offers three riding modes:

- **Pure Electric Mode:** Engages the motor fully via the throttle, providing power without pedaling. Range: 25-30 miles.
- **Pedal-Assist Mode (PAS):** The motor provides assistance as you pedal. The level of assistance can be adjusted (5 levels) via the display controls. Range: 40-50 miles.
- **Pedal Mode:** Ride the bike like a traditional bicycle without motor assistance.

5.4. Gear Shifting

The 7-speed drivetrain allows you to adjust your pedaling effort to match terrain and speed. Use the shift paddle adjustment on the right handlebar to change gears.



Image 5.3: Detailed view of the 7-speed drivetrain, illustrating gear sections for low speed (1-3), medium speed (3-5), and high speed (5-7).

5.5. Braking System

The bike is equipped with dual disc brakes for reliable stopping power. Apply both brake levers smoothly and evenly for effective braking.



Image 5.4: Close-up view of the front and rear disc brakes, highlighting their design for consistent stopping power.

6. KEY FEATURES

- **High-Speed Motor:** Features a 750W powerful motor (1000W peak) for a top speed of 22mph, suitable for various terrains.
- **Removable Battery:** Powered by a 48V 10.4Ah battery, offering 25-30 miles in pure electric mode and 40-50 miles in pedal-assist mode. The removable design allows for convenient charging.
- **7-Speed Drivetrain & Front Shock Absorber:** A high-strength front suspension fork absorbs shocks for better control and a smoother ride. The 7-gear shifting system provides reliable precision.
- **26-inch Puncture-Resistant Tires:** Provides stable grip on diverse terrains, including beaches, rough mountain roads, snow, and mud.
- **Dual Disc Brakes:** Offers greater stopping power and precise, instant braking in various conditions, enhancing safety.
- **Upgraded Display & Lighting:** Includes a multi-function LCD display, high brightness front light, and tail light for improved visibility and safety.

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Video 6.1: This video showcases the electric bike's performance in snowy conditions, highlighting the fat tires, suspension, and lighting features. It demonstrates the bike's capability across various terrains.

7. SPECIFICATIONS

Feature	Detail
Bike Type	Mountain Bike
Age Range	Adult
Brand	X-koala

Model Name	F30
Motor Power	750W (1000W Peak)
Battery	48V 10.4Ah Removable
Max Speed	22 MPH
Range (Pure Electric)	25-30 miles
Range (Pedal-Assist)	40-50 miles
Number of Speeds	7
Wheel Size	26 Inches
Frame Material	Alloy Steel / Carbon Steel
Suspension Type	Front
Brake Style	Disc (Dual Disc Brakes)
Special Features	Adjustable Seat, Digital Display, Headlight, Multi-Speed
Included Components	Headlight, Mudguard
Color	Black
Manufacturer	Shenzhen Beirui industrial Co.,Ltd.

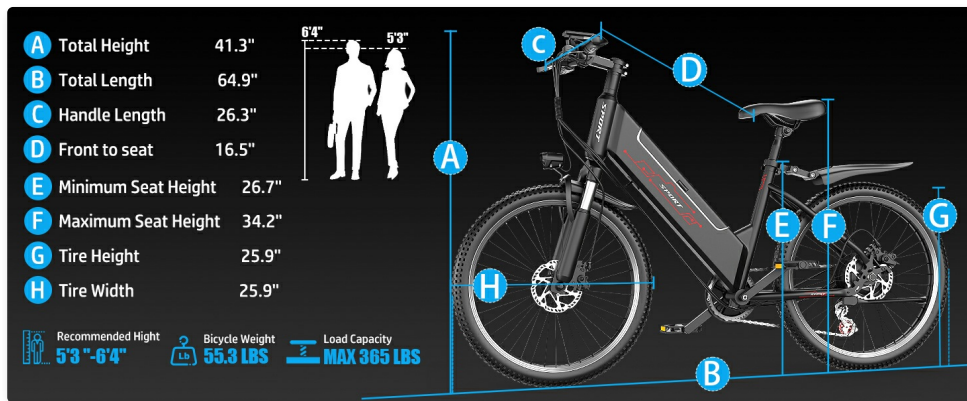


Image 7.1: Diagram illustrating the dimensions of the X-koala F30 Electric Mountain Bike, including total height, total length, handle length, front to seat, minimum/maximum seat height, tire height, and tire width. Recommended rider height is 5'3"-6'4".

8. MAINTENANCE

Regular maintenance ensures optimal performance and extends the lifespan of your e-bike:

- **Cleaning:** Clean your bike regularly with a damp cloth. Avoid high-pressure washing directly on electrical components.
- **Lubrication:** Keep the chain and moving parts lubricated with appropriate bicycle lubricant.
- **Tire Pressure:** Check tire pressure before each ride. Maintain recommended PSI for optimal performance and safety.
- **Brakes:** Regularly inspect brake pads and rotors for wear. Adjust brake tension as needed.
- **Battery Care:** Store the battery in a cool, dry place. Avoid fully discharging the battery and charge it regularly, even when not in use, to maintain battery health.
- **Fasteners:** Periodically check all bolts and screws for tightness, especially on the handlebars, seat post, and wheels.

9. TROUBLESHOOTING

Here are some common issues and their potential solutions:

Problem	Possible Cause	Solution
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Bike does not power on	Battery not charged or not properly installed; loose connections	Ensure battery is fully charged and securely seated. Check all electrical connections.
Motor not assisting	PAS level set to 0; throttle not engaged; sensor issue	Increase PAS level on the display. Check throttle connection. Inspect pedal assist sensor.
Brakes feel weak	Worn brake pads; loose brake cable; air in hydraulic system	Inspect and replace brake pads if worn. Adjust brake cable tension. Consult a bike mechanic for hydraulic brake issues.
Gears are not shifting smoothly	Derailleur out of adjustment; dirty or dry chain	Clean and lubricate the chain. Adjust the derailleur.
Unusual noises during riding	Loose components; rubbing parts; worn bearings	Inspect all parts for tightness. Check for rubbing between tires/fenders or chain/frame. Consult a mechanic if noise persists.

If you encounter issues not listed here or cannot resolve a problem, please contact customer support.

10. WARRANTY INFORMATION

The X-koala F30 Electric Mountain Bike comes with a manufacturer's warranty. Please refer to the warranty card included in your package for specific terms, conditions, and duration of coverage. The warranty typically covers manufacturing defects in materials and workmanship under normal use.

Keep your proof of purchase for any warranty claims.

11. CUSTOMER SUPPORT

For further assistance, technical support, or spare parts, please contact X-koala customer service:

- **Email:** support@x-koala.com (example)
- **Phone:** 1-800-XXX-XXXX (example)
- **Website:** www.x-koala.com (example)

When contacting support, please have your model number (F30) and purchase date ready.