

## GYROCOPTERS Rizz

# GYROCOPTERS Rizz Electric Folding Bike User Manual

## INTRODUCTION

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This manual provides essential information for the safe operation, assembly, maintenance, and troubleshooting of your GYROCOPTERS Rizz Electric Folding Bike. Please read this manual thoroughly before your first ride and retain it for future reference.

## SAFETY INFORMATION

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Your GYROCOPTERS Rizz Electric Folding Bike is designed with safety in mind and is UL 2849 certified, meeting stringent Canadian safety standards. Adherence to these guidelines is crucial for your safety and the longevity of the product.

### UL 2849 Certification

The UL 2849 certification confirms that the e-bike has passed rigorous safety tests for:

- **Brakes:** Ensuring reliable stopping power.
- **Battery Systems:** Preventing overcharging, overheating, and short circuits.
- **Electrical Components:** Verifying integrity and performance.
- **Mechanical Components:** Assessing structural strength and durability.
- **Structural Integrity:** Confirming the overall build quality.

### Battery Management System (BMS)

The integrated Battery Management System (BMS) protects the battery from:

- Overload
- Short Circuit
- Overcurrent
- Overvoltage
- Undervoltage

- Over Temperature
- Catching Fire

This system optimizes performance and extends battery life.



Image: The GYROCOPTERS Rizz Electric Folding Bike showcasing its design and key safety features like the UL 2849 certification and Battery Management System (BMS).

## PACKAGE CONTENTS

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Upon unpacking, ensure all the following items are present:

- 1 x GYROCOPTERS Rizz E-bike
- 1 x Ebike Charger
- 1 x Instruction Manual (this document)
- 1 x SMART ANTI-THEFT GPS TRACKER
- 2 x Pedals
- Tools for assembly



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EASY TO INSTALL

# 99% PRE-ASSEMBLED



Package Contains:



2 Pedals



Charger



Tool



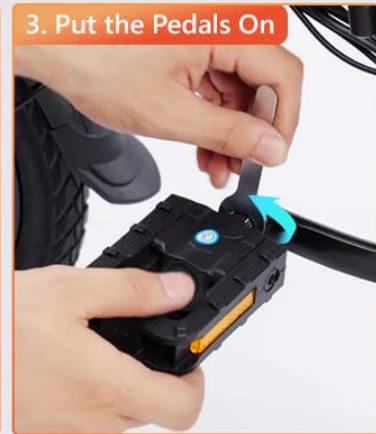
Manual



1. Unfold Frame



2. Set Up Handlebar



3. Put the Pedals On

Image: A visual representation of the items included in the GYROCOPTERS Rizz E-bike package, including the folded bike, charger, pedals, and tools.

## SETUP AND INITIAL ASSEMBLY

Your GYROCOPTERS Rizz E-bike arrives 99% pre-assembled. Follow these steps to complete the setup:

- 1. Unfold the Frame:** Carefully unfold the main frame of the bike until it locks into place. Ensure all locking mechanisms are secure.
- 2. Set Up the Handlebar:** Raise the handlebar stem and secure it. Adjust the handlebar to a comfortable height and angle, then tighten all fasteners.
- 3. Install Pedals:** Identify the left (L) and right (R) pedals. Screw them into the corresponding crank arms. Remember that the left pedal tightens counter-clockwise.
- 4. Adjust Seat Height:** Adjust the seat post to a height that allows for comfortable pedaling with a slight bend in your knee at the bottom of the pedal stroke. Secure the quick-release lever.
- 5. Initial Charge:** Before your first ride, fully charge the battery. Connect the charger to the bike's charging port and then to a power outlet. The LCD display will indicate charging status. A full charge takes approximately 4 hours.



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14\*2.1 BIG TIRES

# MULTIPLE BENEFITS

2.1" WIDE TREAD

Shock Absorption

14" BIG TIRE

Comfortable Riding

WEAR-RESISTANT

Durable Material



Front & Rear Fenders

Protection from Mud and Water



Flat



Beach



Gravel



Snow

Image: Step-by-step visual guide demonstrating how to unfold the bike frame, set up the handlebar, and install the pedals for the GYROCOPTERS Rizz E-bike.

## OPERATING INSTRUCTIONS

### Power On/Off

To power on the bike, press and hold the power button on the handlebar control panel. To power off, press and hold the same button.

### Riding Modes

The GYROCOPTERS Rizz E-bike offers three riding modes:

- **Pure Electric Mode:** Engages the motor using only the throttle/accelerator. Provides a range of approximately 30 km (18.6 miles).
- **Pedal-Assist Mode (PAS):** Combines motor assistance with pedaling. This mode extends the range up to 55 km (33 miles).
- **Normal Riding Mode:** Operates as a traditional bicycle, using only pedal power with no motor assistance.

Switch between modes using the control panel on the handlebar.



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### 3 RIDING MODES

# MULTIPLE RIDE OPTIONS



#### Pure Electric Mode

30km (18.6mi)



#### Pedal Assist Mode

55km (34mi)



#### Normal Riding Mode

Conquer the Miles

**3 MODES**

\* Ebike speed and range may vary due to terrain, battery condition, and legal restrictions; estimates provided but not guaranteed by Gyrocopters.



Image: Illustration of the three distinct riding modes available on the GYROCOPTERS Rizz E-bike: Pure Electric, Pedal-Assist, and Normal Riding Mode.

### LCD Display

The LCD display on the handlebar provides essential information, including battery status. Monitor your battery level to plan your rides and charging schedule.

### Headlight and Taillight

The bike is equipped with a front headlight and an integrated rear taillight. The taillight is brake-activated for enhanced visibility. Operate the lights using the dedicated button on the handlebar control panel.



**GYROCOPTERS**

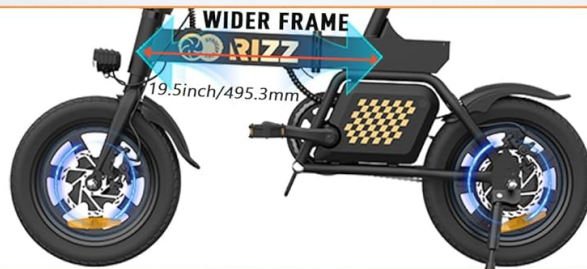
### Shock-absorbing & Height Adjustable Seat



### Headlight Alignment Choose your focus



### Front and Rear Dual Disc Brakes For extra safety



### Integrated Taillight Rear Brake-activated Taillight Clean look Weather resistant



Image: Close-up view of the GYROCOPTERS Rizz E-bike's handlebar, showing the LCD display, power on/off, digital horn, and headlight controls.

## Smart Anti-Theft GPS Tracker

The included Smart Anti-Theft GPS TRACKER (World Tag) works seamlessly with the 'Find My' App (compatible only on iOS devices). This feature allows for real-time location tracking, enhanced security, and convenience. You can locate your bike if lost or stolen, plan routes, and monitor rides.

## MAINTENANCE

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

### General Care

- Keep the bike clean. Wipe down the frame with a damp cloth. Avoid using high-pressure washers directly on electrical components.
- Regularly check and tighten all bolts and fasteners, especially on the handlebars, seat post, and wheels.
- Inspect tires for wear and proper inflation. The 14\*2 inch tires are designed for comfort and durability.
- Lubricate the chain periodically to ensure smooth operation.

## Brakes

The bike features EABS + front and rear dual disc brakes. Regularly check brake pads for wear and ensure brake levers provide firm and responsive stopping power. Adjust or replace as needed.

## Battery Care

- Charge the battery fully after each use, especially if it will be stored for an extended period.
- Avoid completely draining the battery.
- Store the bike and battery in a cool, dry place, away from direct sunlight and extreme temperatures.
- If storing for a long time, charge the battery to about 50-70% every 1-2 months.

## TROUBLESHOOTING

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This section addresses common issues you might encounter with your GYROCOPTERS Rizz E-bike.

### Bike Does Not Power On

- Ensure the battery is fully charged.
- Check that the battery is properly seated and connected.
- Verify that the power button is pressed and held for a few seconds.

### Motor Not Assisting / No Power

- Check the battery level on the LCD display.
- Ensure you are in Pure Electric or Pedal-Assist mode.
- Verify that the throttle is engaged (Pure Electric) or pedals are being turned (Pedal-Assist).
- Inspect all electrical connections for looseness or damage.

### Reduced Range

- Battery performance can be affected by terrain, rider weight, temperature, and riding style (e.g., frequent stops and starts, consistent high speed).
- Ensure the battery is fully charged before each ride.
- Consider using Pedal-Assist mode more frequently to extend range.
- Battery capacity naturally degrades over time and with usage cycles.

### Brakes Not Responsive

- Check brake cables for proper tension and ensure they are not frayed.
- Inspect brake pads for wear; replace if necessary.
- Ensure disc rotors are clean and free from oil or grease.

### Folding Mechanism Issues

- Ensure all parts of the folding mechanism are clean and free of debris.
- Lubricate hinges if they are stiff.
- Do not force the mechanism; if it's stuck, re-check the steps in the setup section.

For issues not covered here, please contact customer support.

## SPECIFICATIONS

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Feature	Detail
Model	Rizz
Brand	GYROCOPTERS
Motor	Peak 400W Brushless Motor
Max Speed	Up to 25 km/h (15.5 mph)
Electric Only Range	Up to 30 km (18.6 miles)
Pedal-Assist Range	Up to 55 km (33 miles)
Battery	Lithium Ion (1 required, included)
Charging Time	Approximately 4 hours
Wheel Size	14 Inches
Frame Material	Alloy Steel
Brake Type	Disc, EABS (Front and Rear Dual Disc Brakes)
Max Load Capacity	120 kg (265 lbs)
Recommended Rider Height	4 - 5.9 ft (121.9 - 179.8 cm)
Item Weight	20 kg (44 lbs)
Product Dimensions (Unfolded)	136.91 x 5.08 x 103.89 cm (53.9 x 2 x 40.9 inches)
Special Features	Lightweight, Smart Anti-Theft GPS Tracker, Foldable, Portable, Rechargeable
Safety Certification	UL 2849 Approved



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## SIZE & FIT

# HEIGHT ADJUSTABLE



**120kg (265lbs)**  
Max Load Capacity



**30" (762mm) ~ 35" (889mm)**  
Adjustable Seat Height



**4-Hour**  
Fast Charge  
(0% to 100%)



Image: Detailed diagram showing the dimensions and adjustable features of the GYROCOPTERS Rizz E-bike, including seat height and overall size.

## WARRANTY INFORMATION

For specific warranty terms and conditions, please refer to the warranty card included with your product or visit the official GYROCOPTERS website. Generally, the warranty covers manufacturing defects under normal use. Keep your proof of purchase for warranty claims.

## CUSTOMER SUPPORT

If you require assistance, have questions, or need to report an issue, please contact IMGadgets customer support:

- **Phone:** +1 647-797-3804
- **Email:** [customercare@imgadgets.com](mailto:customercare@imgadgets.com)
- **Business Address:** IMGadgets

Please have your product model (Rizz) and purchase details ready when contacting support.

