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› GYROCOPTERS Zeno2.0 Electric Scooter User Manual

GYROCOPTERS Zeno2.0

GYROCOPTERS Zeno2.0 Electric Scooter User Manual

Model: Zeno2.0

1. INTRODUCTION

Thank you for choosing the GYROCOPTERS Zeno2.0 Electric Scooter. This manual provides essential information for the safe operation, assembly, maintenance, and troubleshooting of your scooter. Please read this manual thoroughly before your first ride to ensure optimal performance and safety.

The Zeno2.0 is designed for adults and teens, featuring a powerful motor, long-range battery, and a comfortable adjustable seat, making it suitable for commuting, travel, and various daily activities.

2. SAFETY INFORMATION

Your safety is paramount. Always wear a helmet and appropriate protective gear when riding. Adhere to all local traffic laws and regulations.

2.1 UL2272 Certification

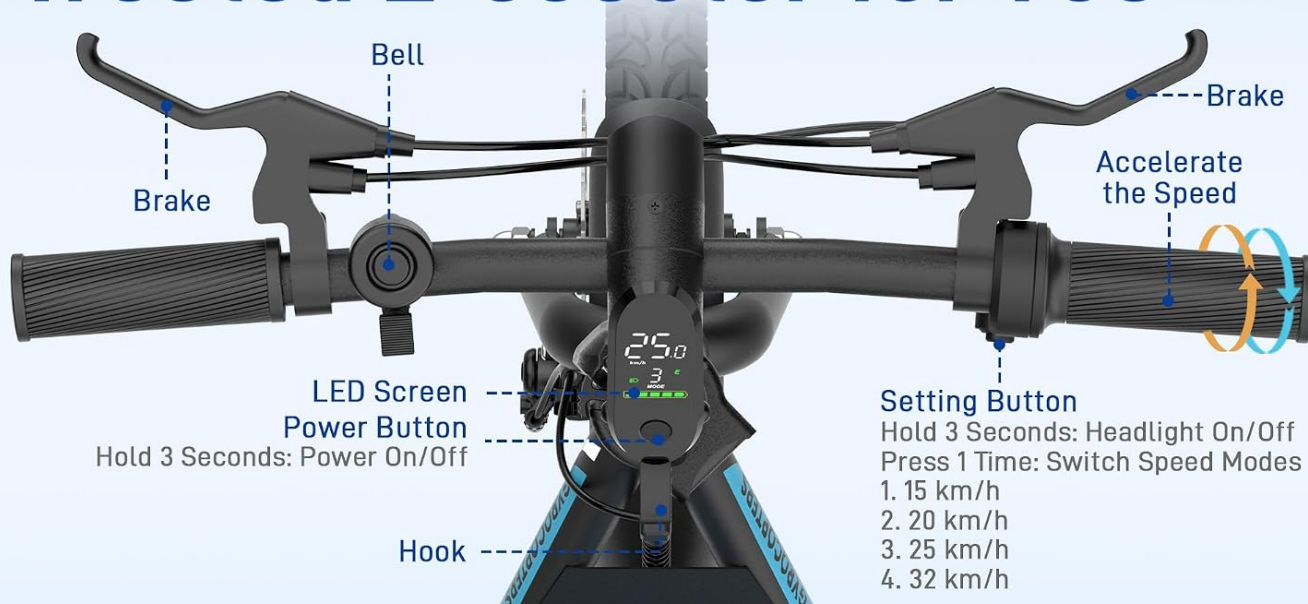
The GYROCOPTERS Zeno2.0 Electric Scooter is UL2272 certified, ensuring it meets high safety standards for electrical and battery components. This certification provides peace of mind regarding the scooter's safety and reliability.



GYROCOPTERS

SAFETY & RELIABLE

Trusted E-scooter for You



**UL 2272
Approved**

Safety approved for Canada and the US laws, ensuring a secure e-scooter that meets certain safety standards. UL2272 test:

- Brakes
- Battery Systems
- Electrical Components
- Mechanical Components
- Structural Integrity



**Battery Management
System (BMS)**

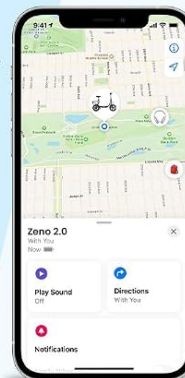
Protect battery from:

- Overload
- Short Circuit
- Overcurrent
- Overvoltage
- Undervoltage
- Over Temperature
- Catching Fire

**UL Approved
Battery**



**Smart GPS
World Tracker**



**FREE
GPS Tracker**

**Compatible with
Apple 'Find My'**

**Built-in
Privacy**

**Replaceable
Battery**

**Left Behind
Reminder**

Image: The GYROCOPTERS Zeno2.0 is UL2272 approved, indicating compliance with safety standards for electrical and battery systems. It also features a Smart GPS World Tracker.

2.2 General Safety Guidelines

- Always perform a pre-ride check: ensure brakes are functional, tires are properly inflated, and all parts are secure.
- Do not ride under the influence of alcohol or drugs.
- Avoid riding in heavy rain, on slippery surfaces, or in extreme weather conditions.
- Maintain a safe distance from other vehicles and pedestrians.
- Do not exceed the maximum load capacity of 120 kg (265 lbs).
- Children should only ride under adult supervision and with appropriate safety gear.

3. PACKAGE CONTENTS

Carefully unpack your GYROCOPTERS Zeno2.0 Electric Scooter and check for all included items:

- 1 x Gyrocopters Zeno2.0 Electric Scooter
- 1 x Adjustable Shock-Absorbing Seat
- 1 x Large Basket
- 1 x Charger
- 1 x Installation Tools
- 1 x User Manual (this document)
- 1 x GPS Tracker

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

4. PRODUCT FEATURES

The Zeno2.0 Electric Scooter is equipped with advanced features for a superior riding experience:

4.1 Performance & Power

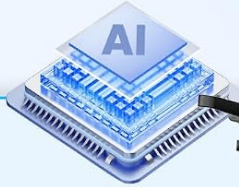
- **Motor:** Peak 500W brushless motor for efficient and responsive power.
- **Max Speed:** Up to 32 km/h (20 mph).
- **Max Range:** Up to 40 km (25 miles) on a single charge with its 10Ah high-capacity lithium battery.
- **Uphill Climb:** Capable of climbing inclines up to 15 degrees.



GYROCOPTERS

ZENO2.0 E-SCOOTER WITH SEAT

Built for All-day Riding



Smart GPS World Tracker

Avoid Losing Belongings
Easy Location Tracking
Left Behind Reminder



32km/h (20mi/h)*
Max Speed



40km (25mi)
Max Range



UL2272
Approved



7.8 AH
Battery Capacity



E-scooter speed and range may vary due to terrain, battery condition, and legal restrictions; estimates provided but not guaranteed by Gyrocopters.

Image: The Zeno2.0 scooter highlighting its 32km/h max speed, 40km max range, 7.8Ah battery capacity, UL2272 approval, and Smart GPS World Tracker.

4.2 Comfort & Durability

- **Tires:** 14-inch x 2.1-inch durable tires for all-terrain riding, offering stability on city streets, gravel paths, and even snowy trails.
- **Shock Absorption:** Integrated shock-absorbing design for smoother rides.
- **Rear Fender:** Provides protection against mud and water splashes.
- **Adjustable Seat:** Shock-absorbing and height-adjustable seat (28"-34" / 71cm-86cm) for personalized comfort.
- **Wider Deck:** Anti-slip and stylish deck design for stable footing.



GYROCOPTERS

14×2.1" BIG TIRES All-terrain Riding

REAR FENDER
Protection from Mud

14" BIG TIRE
Shock Absorption



Flat



Gravel



Beach



Snow

500W Peak Power

15° UPHILL CLIMB

Image: Detail of the 14-inch tires and rear fender, illustrating the scooter's all-terrain capability and protection from mud.

4.3 Safety & Convenience

- **Braking System:** Dual braking system with front and rear disc brakes combined with regenerative technology for reliable stopping power.
- **LED Lights:** Front and rear LED lights for increased visibility during day and night.
- **Digital Display:** Clear LED display showing speed, battery level, and speed mode.
- **Foldable Design:** Effortless folding frame for easy storage and transport.
- **Sturdy Kickstand:** For convenient parking.
- **Removable Basket:** Large basket for carrying essentials, easily removable to accommodate a passenger seat.
- **Smart GPS World Tracker:** Integrated GPS tracker compatible with Apple Find My, offering anti-theft features, easy location tracking, and a 'Left Behind Reminder'.



GYROCOPTERS

Shock-absorbing & Height Adjustable Seat



BRIGHT HEADLIGHT

Increased Visibility



FRONT AND REAR DUAL DISC BRAKES

Improved Braking Power



WIDER DECK

Anti-slip
Stylish Design



Image: Visual representation of the shock-absorbing adjustable seat, bright headlight, front and rear dual disc brakes, and wider deck.



GYROCOPTERS

FOLDABLE DESIGN

Big Fun & Small Space



21kg (46lbs)
Light Weight



Image: The Zeno2.0 scooter folded and stored in a car trunk, illustrating its compact design for easy transport.

5. SETUP

Follow these steps to prepare your Zeno2.0 Electric Scooter for its first ride:

5.1 Unpacking and Initial Inspection

1. Carefully remove the scooter and all components from the packaging.
2. Inspect the scooter for any visible damage that may have occurred during shipping.
3. Ensure all items listed in the 'Package Contents' section are present.

5.2 Unfolding the Scooter

1. Place the scooter on a flat surface.
2. Locate the folding mechanism near the base of the handlebar stem.

3. Release the locking mechanism and carefully lift the handlebar stem until it locks into an upright position. Ensure the locking mechanism is fully engaged and secure.

5.3 Handlebar Assembly (if required)

Some models may require minor handlebar assembly. If your handlebars are not pre-attached:

1. Align the handlebars with the stem.
2. Secure them using the provided screws and installation tools. Ensure all screws are tightened firmly.

5.4 Installing the Basket and Seat

1. Attach the large basket to the rear rack using the provided hardware. Ensure it is securely fastened.
2. To install the adjustable seat, slide the seat post into the designated opening on the scooter frame. Adjust the height to your preference and tighten the quick-release clamp or bolt.
3. The basket can be removed to allow for a second passenger seat (sold separately) if desired.



GYROCOPTERS

REMOVABLE BASKET

Meet Your Different Needs

TRAVELING

Ride together, double the fun.

**Removable
Basket**



COMMUTING

Carry all your essentials.



Image: The removable basket feature, showing how it can be used for commuting or removed for a second rider.

5.5 Initial Charging

Before your first ride, fully charge the scooter's battery:

1. Locate the charging port on the scooter.
2. Connect the charger to the scooter, then plug the charger into a power outlet.
3. The indicator light on the charger will typically turn red during charging and green when fully charged.
4. Do not overcharge the battery. Disconnect the charger once charging is complete.

6. OPERATING INSTRUCTIONS

Familiarize yourself with the controls and operation of your Zeno2.0 scooter.

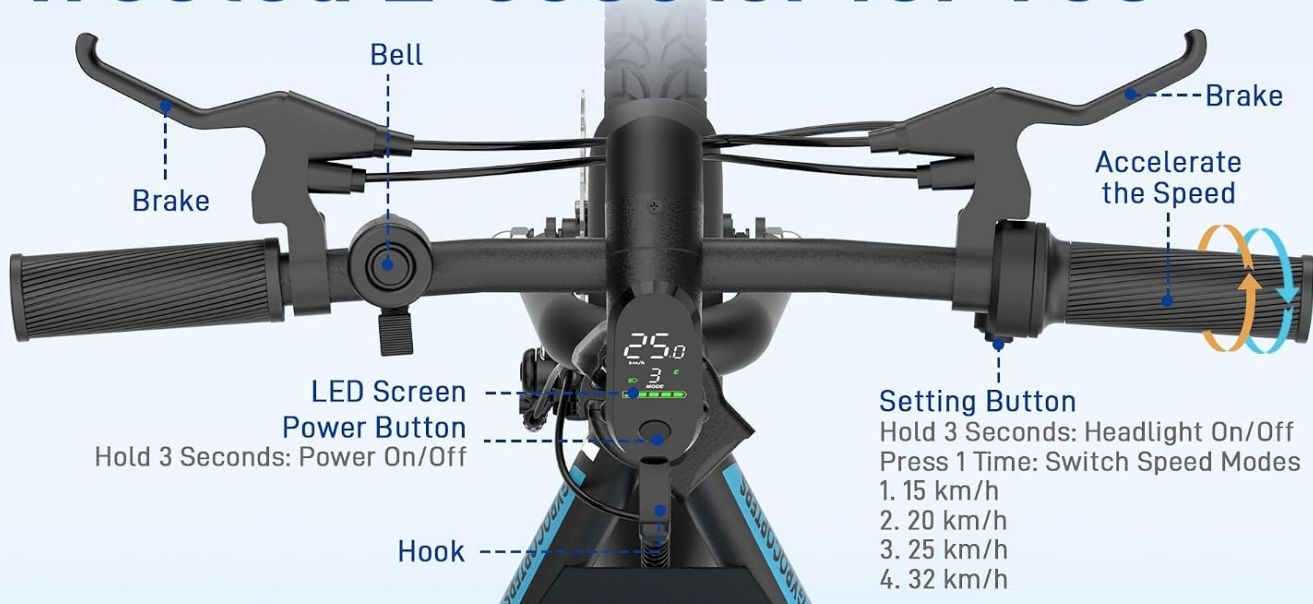
6.1 Controls Overview



GYROCOPTERS

SAFETY & RELIABLE

Trusted E-scooter for You



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**Battery Management
System (BMS)**

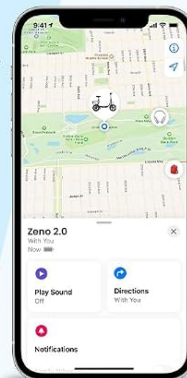
Protect battery from:

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- Over Temperature
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**UL Approved
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**Smart GPS
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**FREE
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**Compatible with
Apple 'Find My'**

**Built-in
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**Replaceable
Battery**

**Left Behind
Reminder**

Image: Detailed view of the handlebar controls, including brake levers, accelerator, LED display, power button, and setting button.

- **Power Button:** Hold for 3 seconds to power on/off the scooter.
- **Setting Button:** Press once to switch between speed modes. Hold for 3 seconds to turn the headlight on/off.
- **Brake Levers:** Located on both handlebars for front and rear disc brakes.
- **Accelerator:** Twist grip on the right handlebar to accelerate.
- **Bell:** Located on the left handlebar.
- **LED Screen:** Displays current speed, battery level, and active speed mode.

6.2 Powering On/Off

To turn the scooter on, press and hold the Power Button on the LED screen for approximately 3 seconds. The display will illuminate. To turn it off, press and hold the Power Button again for 3 seconds.

6.3 Riding and Speed Modes

1. Place one foot on the deck and push off with the other foot to gain initial momentum.
2. Gently twist the accelerator to engage the motor.
3. Press the Setting Button to cycle through the available speed modes:
 - Mode 1: 15 km/h
 - Mode 2: 20 km/h
 - Mode 3: 25 km/h
 - Mode 4: 32 km/h
4. Select the appropriate speed mode based on your riding environment and experience level.

 **GYROCOPTERS**

5X POWERFUL

UPGRADED
ZENO 2.0

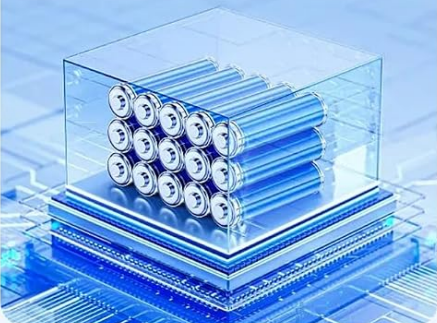
32KM/H

Improved Max Speed



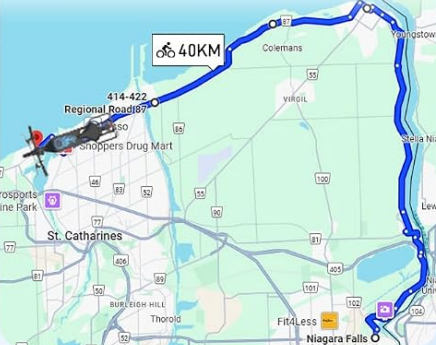
7.8AH

Larger Battery Capacity



40KM

Extended Max Range



LED DISPLAY

Sharper
Brighter
Better



REMOVABLE BASKET

From Cargo to Passenger in Seconds



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

Image: The LED display showing current speed and battery level, along with the four selectable speed modes.

6.4 Braking

To slow down or stop, gently squeeze both brake levers simultaneously. The dual disc brakes provide effective stopping power. For emergency stops, apply both brakes firmly.

6.5 Headlight Operation

To turn the headlight on or off, press and hold the Setting Button for 3 seconds. Always use the headlight when riding in low-light conditions.

6.6 GPS Tracker Usage

The integrated Smart GPS World Tracker is compatible with Apple Find My. Follow the instructions provided with the GPS tracker to pair it with your device. This allows for real-time location tracking, anti-theft alerts, and a 'Left Behind Reminder' feature.

7. MAINTENANCE

Regular maintenance ensures the longevity and safe operation of your Zeno2.0 scooter.

7.1 Battery Care

- Charge the battery fully before first use and after every ride.
- Avoid completely draining the battery.
- If storing the scooter for an extended period, charge the battery to about 50-70% and recharge every 30-60 days.
- Do not expose the battery to extreme temperatures.
- The Battery Management System (BMS) protects against overload, undervoltage, short circuit, overcurrent, overtemperature, and overvoltage.



Image: Illustration of the 7.8Ah battery and the protective functions of the Battery Management System (BMS).

7.2 Tire Maintenance

- Regularly check tire pressure and inflate to the recommended PSI (refer to tire sidewall for details).
- Inspect tires for wear, punctures, or damage before each ride.

7.3 Cleaning and Storage

- Clean the scooter with a damp cloth. Do not use high-pressure water jets or harsh chemicals.
- Store the scooter in a cool, dry place, away from direct sunlight and moisture.
- When folding for storage, ensure all locking mechanisms are secure.

7.4 Brake Inspection

Periodically check the brake levers and cables for proper tension and responsiveness. If brakes feel loose or ineffective, have them adjusted by a qualified technician.

8. TROUBLESHOOTING

This section addresses common issues you might encounter with your Zeno2.0 scooter.

Problem	Possible Cause	Solution
Scooter does not turn on	Low battery; Power button not pressed correctly; Loose connection	Charge the battery; Press and hold the power button for 3 seconds; Check all visible connections.
Reduced range or speed	Low battery; Overload; Tire pressure low; Riding uphill/against wind	Fully charge battery; Do not exceed max load; Inflate tires to correct pressure; Adjust riding style.
Brakes feel weak	Brake cables loose; Brake pads worn	Adjust brake cable tension; Inspect and replace brake pads if worn. Consult a technician if unsure.
Unusual noises	Loose components; Debris in wheels/motor	Inspect all parts for tightness; Check wheels and motor for obstructions.

If you experience issues not listed here or if the suggested solutions do not resolve the problem, please contact customer support.

9. SPECIFICATIONS

Feature	Detail
Model Name	Zeno2.0
Motor Power	Peak 500W
Maximum Speed	32 km/h (20 mph)
Maximum Range	Up to 40 km (25 miles)
Battery Capacity	10 Ah
Wheel Size	14 inches
Brake Style	Disc Brake + EABS
Item Weight	21 kg (46 lbs)
Maximum Load Capacity	120 kg (265 lbs)
Adjustable Seat Height	28" - 34" (71cm - 86cm)
Recommended Rider Height	4 - 5.9 ft

Feature	Detail
Material	Alloy Steel
Special Features	Anti-theft GPS Tracker, Removable Large Basket, Adjustable Seat, Cruise Control, Digital Display, Foldable, Rechargeable, Wide Platform



GYROCOPTERS

SIZE & FIT

Accessible to All Riders



120kg (265lbs)
Max Load Capacity



28" ~34"
Adjustable Seat Height

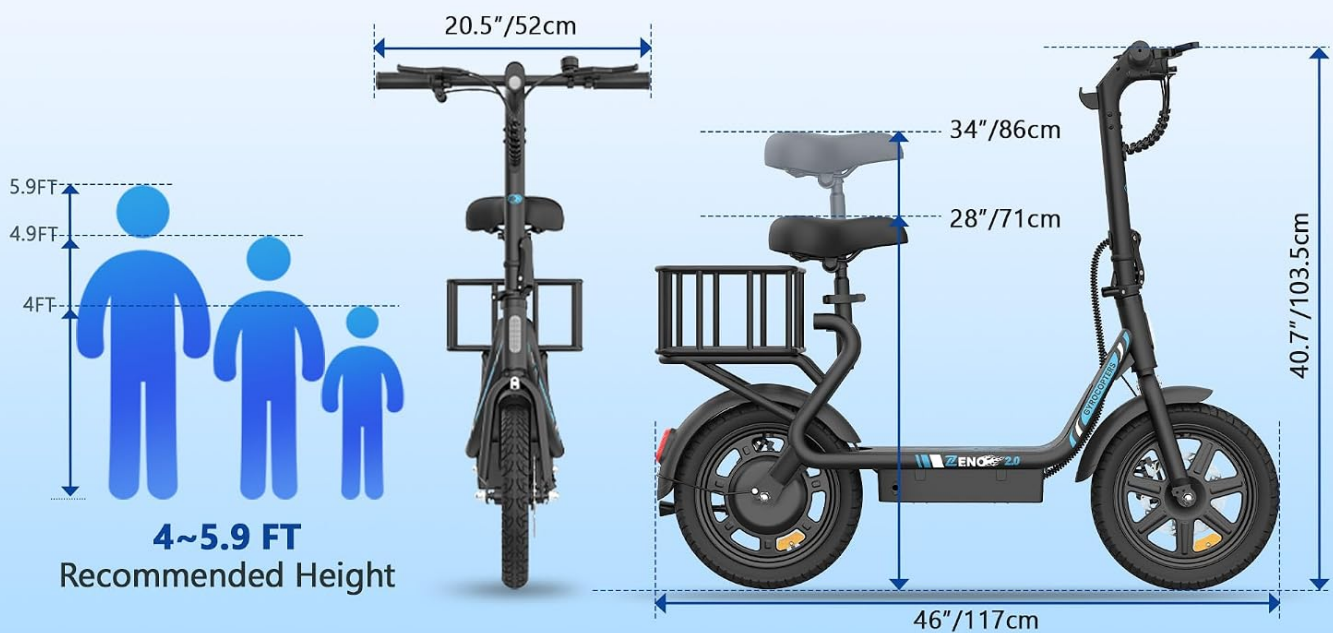


Image: Detailed size and fit diagram of the Zeno2.0 scooter, including maximum load, adjustable seat height, and recommended rider height range.

10. WARRANTY

The GYROCOPTERS Zeno2.0 Electric Scooter comes with a **90-day warranty** from the date of purchase. This warranty covers manufacturing defects under normal use. It does not cover damage caused by misuse, accidents, unauthorized modifications, or normal wear and tear. Please retain your proof of purchase for warranty claims.

11. SUPPORT

For technical assistance, warranty claims, or any other inquiries, please contact IMGadgets customer support:

- **Phone:** +1 647-797-3804
- **Email:** customercare@imgadgets.com
- **Chat:** www.imgadgets.com

Please have your model number (Zeno2.0) and proof of purchase ready when contacting support.

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Email

you@example.com

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

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

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