

Electric Scooter - User Manual

ETTRONE

Aria

www.etrone.com

ETTRONE

Aria User Manual

Thanks for choosing your new ETTRONE electric scooter.
The Aria is in a class of its own, combining a modern and sleek design,
powerful 350W motor and unique features like a removable battery,
a bluetooth module and a mobile app to control your scooter.

Enjoy your ride!

*This user manual will guide you through important safety and performance information.
Read it before you take the first ride on your new ETTRONE scooter, and keep it for future reference.

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1. Safety Reminder

Welcome

This e-scooter is a recreational vehicle which requires practice before riding it to its full potential. ETTRONE and/or its subsidiaries and affiliates are not responsible for any property damage, personal injury/death, accidents, or legal disputes caused by violations of the safety instructions presented in this User Manual.

IMPORTANT

The combination of the safety alert symbols and the word  WARNING in this manual indicates a potentially hazardous situation which may result in injury, or is an alert against unsafe practices. Please read this manual carefully and follow the recommendations.

To reduce the risk of injury, adult supervision is required. Never use in roadways, near motor vehicles, or near steep inclines or steps, swimming pools or other bodies of water; always wear shoes and protective gear including a helmet, and never allow more than 1 rider on board.

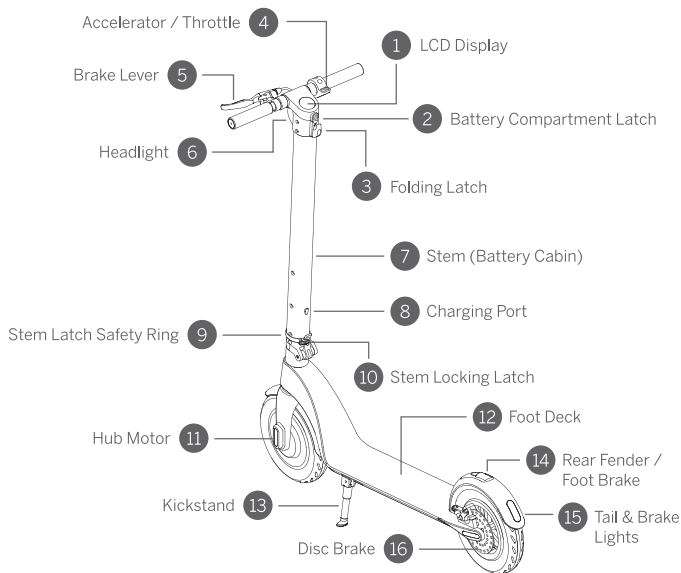
When riding in public spaces always follow and comply with the laws and regulations. Always allow enough distance while braking; higher speeds require a longer distance to come to a stop. Always apply the brakes gradually as sudden braking on low traction surfaces can cause the wheels to slip and potentially fall. Always maintain a safe distance between you and other vehicles or pedestrians.

Always wear an approved helmet which fits properly while riding. Always slow down and yield the right of way to pedestrians and overpass on the left if possible. Check for loose fasteners or hardware and/or any damaged component. If the e-scooter is making an abnormal noise stop the vehicle immediately and contact ETTRONE for assistance.

- ETTRONE recommends riders to be 14 years of age or older to ride this e-scooter.
- Riders below 18 years old should be accompanied by an adult.
- Please read this manual carefully before you ride your e-scooter.

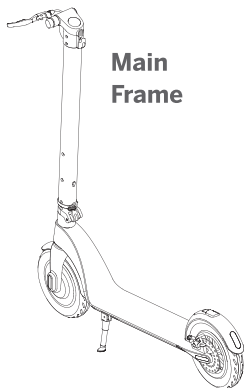
2. Product Overview

1. LCD Display
2. Battery Compartment Latch
3. Folding Latch
4. Accelerator / Throttle
5. Brake Lever
6. Headlight
7. Stem (Battery Cabin)
8. Charging Port
9. Stem Latch Safety Ring
10. Stem Locking Latch
11. Hub Motor
12. Foot Deck
13. Kickstand
14. Rear Fender / Foot Brake
15. Tail & Brake Light
16. Disc Brake



3. Packing List

Verify that all items listed are included when unboxing your e-scooter. Verify that all parts are in good condition. Retain all packaging materials and original box, in case you need to ship it in the future. Unplug the charging cable before assembling and power off the e-scooter.



**Main
Frame**

Left Handle



Right Handle



Accessories



Battery Charger
Qty: 1

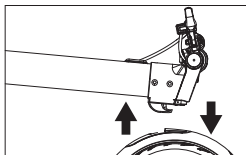
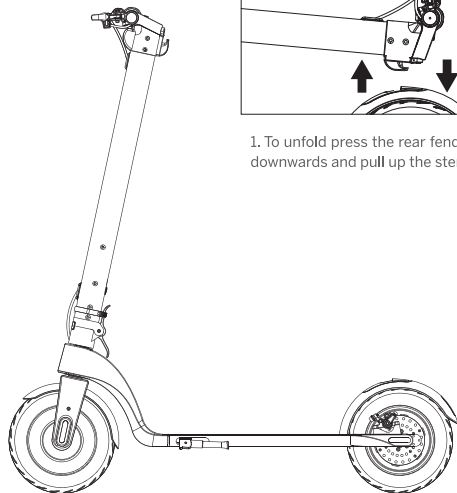


M4 Allen Key
Qty: 1

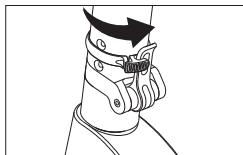


User Manual
Qty: 1

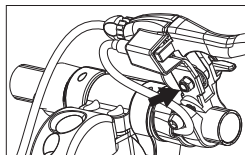
4. Assembling Your E-Scooter



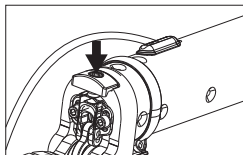
1. To unfold press the rear fender downwards and pull up the stem.



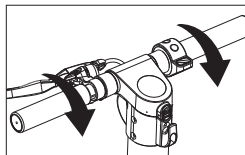
2. Lift and extend the stem completely. Secure the stem locking latch securely. Rotate the safety ring counter clockwise to secure the latch.



3. Slide the brake lever assembly into the left handle. Set your desired lever angle. Secure it tightly with an M6 wrench.

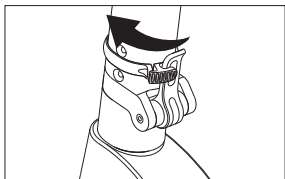


4. If the stem feels loose, you can adjust it by tightening the bolt located in the diagram.

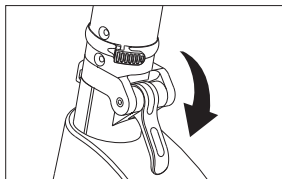


5. Screw on the left and right handles to the main frame and tighten securely.

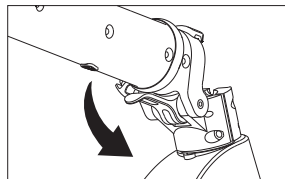
Folding the Stem



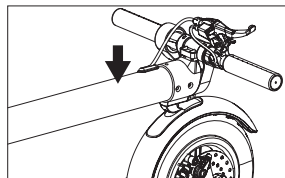
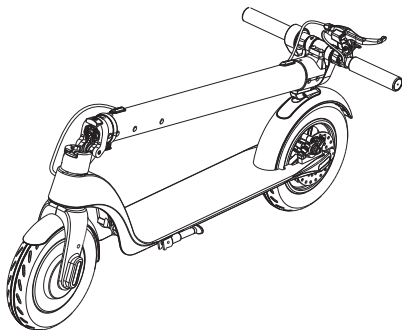
1. Loosen the stem latch safety ring.



2. Open the stem locking latch.



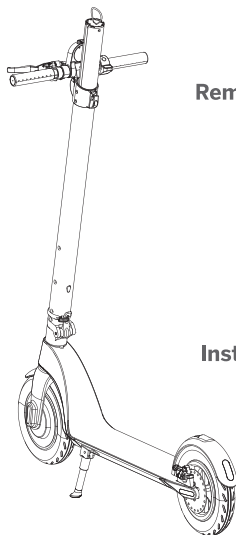
3. Slowly fold and lower the stem.



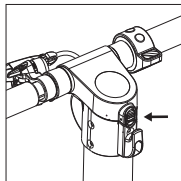
4. Align the folding latch with the hole in the rear fender and press the stem downwards until it locks.

Removing & Installing the Battery

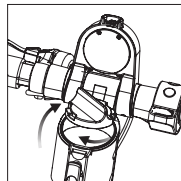
Your E-Scooter is equipped with a removable and swappable battery located inside the main stem. It can be removed to be carried and charged separately.



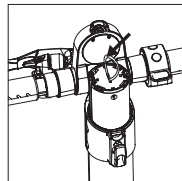
Removing



1. Press the battery compartment latch and open the cover.

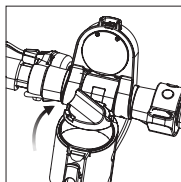


2. Unscrew and remove the battery cap.

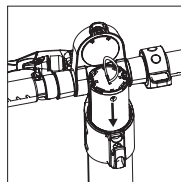


3. Hold the string and pull out the battery carefully.

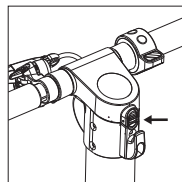
Installing



1. Open the battery cover and unscrew the cap.

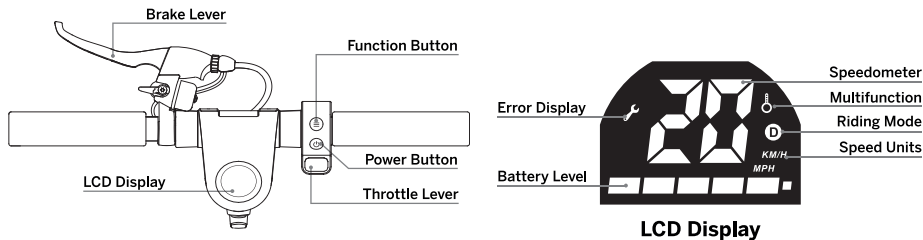


2. Align the grooves of the battery and the compartment. Gently slide the battery inside the stem.



3. Screw the battery cap and close the cover securely.

5. Button Instructions & Dashboard



1. Power ON/OFF: Long press the power button.

2. Accelerate: Gradually press the throttle lever.

3. Brake: Release the throttle, press the brake lever and/or step on the rear fender brake.

4. Short press the function button to select the riding mode:

- No "S" icon: Speed limit mode (minimum power/speed).

- White "D" icon: Standard mode (moderate power/speed).

- Red "D" icon: Sport mode (maximum power/speed).

5. Head & Tail Light: Short press the function button twice to turn ON the lights. Short press the button again to turn OFF the lights.

6. Cruise Control Feature: Cruise control will activate after six seconds of maintaining constant speed. Disengage cruise control by pressing the throttle or applying the brake lever.

6. Bluetooth Connectivity & Mobile App

Your e-scooter is equipped with bluetooth connectivity.

You can pair the e-scooter to your mobile device by downloading our application for iOS and Android.

With the app you can view information such as speed, odometer, trip, battery charge level and battery temperature. You can also control lights, change speed units and activate the zero start feature.



For more information please visit: www.etttrone.com/aria/bluetooth

7. Pre-Ride Checklist

ATTENTION

If you have any concern over the security of the product and/or there is a manifestation of a potential fault, please stop using the product immediately and contact ETTRONE.

- Make sure there are no disconnected cables, hardware and/or faulty components. Test all functional parts like the frame, handlebar, tires, throttle, brake lights and make sure every system is operating properly. Ensure that all locking devices are properly secured.
- Test the brakes to ensure proper functioning. When you apply the electric brake lever or press on the rear foot brake there should be proper braking response.
- Check the Battery Level indicator to ensure adequate battery charge to complete your trip. If the battery charge level is low, charge your e-scooter before riding.

- Use proper closed shoes and protective gear. Always wear a helmet, knee pads, elbow pads and other protection equipment. Do NOT ride barefoot or in sandals.
- Your first ride should be in a traffic free environment without children, pedestrians, pets, vehicles, bicycles, or other obstacles and potential hazards.
- Get to know your e-scooter and feel comfortable and secure before riding in congested areas.
- Review and follow local traffic laws and regulations for e-scooters before riding.


8. Warnings

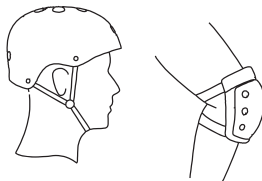
ATTENTION

Not following the following instructions can lead to serious injury/death and damage.

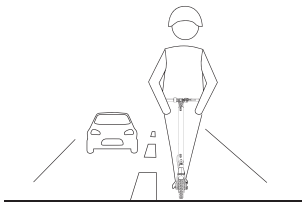
 DO NOT make calls and/or listen to music while riding.



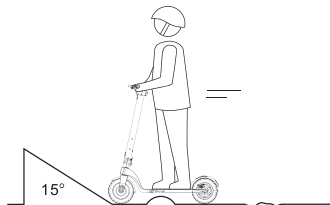
 DO NOT operate your e-scooter under the influence of drugs, alcohol or medicines that may cause impairment to ride safely.



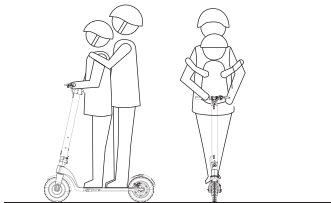
 Always wear an approved helmet, knee pads, elbow pads and other protective gear.



⚠ DO NOT drive on public roads, motorways, or highways. Severe personal injury or death can occur.



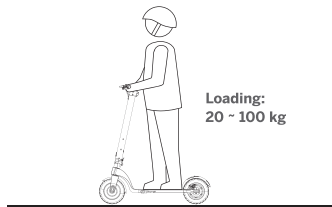
⚠ DO NOT drive through bumpy, uneven and/or slippery roads at high speeds. DO NOT ride on roads with more than 15 degrees of inclination.



⚠ Your e-scooter is designed for 1 (one) rider only. DO NOT ride with a passenger.



⚠ DO NOT take your hands off the handlebar while driving. Both hands must be grabbing the scooter handlebar firmly at all times. DO NOT ride standing in only one leg.



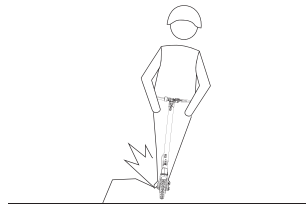
- ⚠ DO NOT ride with additional loads.
DO NOT carry objects on the handlebar.



- ⚠ DO NOT drive in the rain. If there are puddles go around them at low speeds.



- ⚠ Be alert! Pay attention to the road and/or obstacles.
DO NOT attempt any other activity while driving.
Control your speed while riding downhill as the e-scooter may obtain higher than normal speeds.

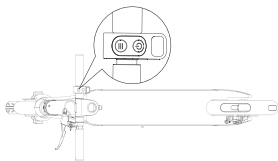


- ⚠ DO NOT ride the e-scooter through obstacles that can scratch the chassis as the friction between metal and other surfaces can cause harmful and dangerous sparks.

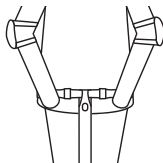
9. Go Riding

⚠ WARNING

Always wear a helmet, knee pads, elbow pads and other protective gear to avoid injury.



1. Press the Power Button once to turn on your e-scooter.



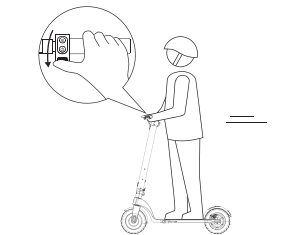
2. Grab the handlebar tightly with both hands.



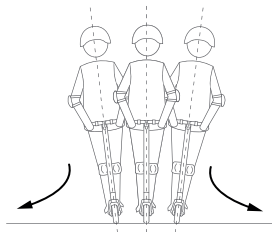
3. Put one foot on the footboard and push off with your other foot to obtain an initial minimum speed. The motor will work once you reach a minimum speed of 1.8 mph (3 km/h).



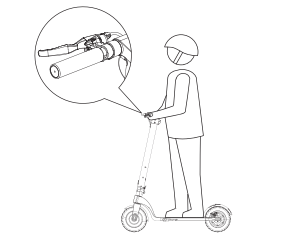
4. When the e-scooter starts gliding, place both feet on the footboard and maintain your balance.



5. Gradually apply the throttle to begin riding.



6. To turn, gently shift your body weight towards the desired direction and turn the handlebar lightly.



7. Press the brake lever to brake, and gently press the rear fender to assist the brake.

10. Battery Information

This section contains battery care, safety and charging instructions. Follow them to ensure the life and performance of your e-scooter.

Battery Specifications

Name	Parameter	Name	Parameter	Name	Parameter
Type	Li-ion battery	Working Temperature	32 - 86° (0 - 35°)	Battery Discharge Time (stored)	3 months (full charge)
Charging Time	3-4 hours	Charging Temperature	32 - 86° (0 - 35°)	Capacity	5Ah
Voltage	36V	Max Charging Voltage	42V	Max Charging Current	2A

Battery Safety

Discontinue use if any of the following conditions occur:

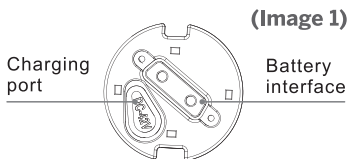
- Odor or excessive heat; leakage; do not touch anything leaking from the battery.
- Do not let children or animals touch the battery. Unplug the charger before installing the battery or riding your e-scooter.

- If you want your e-scooter to run efficiently, the battery must be charged and used within the temperature range indicated in the battery specifications.
- Lithium batteries are considered dangerous and follow local regulations for transportation and/or disposal.
- The battery contains dangerous substances. Please do not open the battery . Do not insert anything into the battery.
- It is forbidden to charge a lithium battery that has been over-discharged. A battery that has been over-discharged is a safety hazard and can only be scrapped.
- ⚠ Use only the original charger. Using other chargers may damage the battery and/or create a safety hazard.

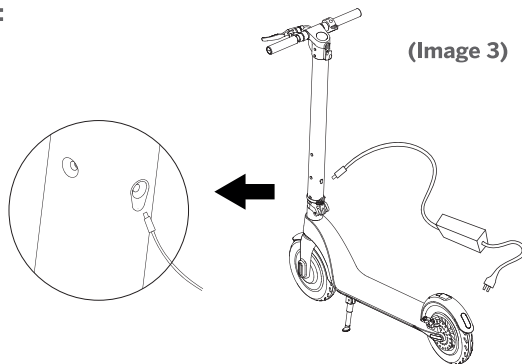
Charging the Battery

1. Open the charging port cover. Make sure the charging port is clean and dry.
2. Connect the outlet end of the charger to the power socket (100V-240V; 50/60 Hz). Then connect the charger to the battery charging port. A red or green indicator light located on the battery charger box should illuminate.
3. Red light: charging in progress. Green light: Charging is complete.
4. To charge the battery: remove the battery from the scooter and plug the charger to the battery charging port **(Image 2)**, or connect the charger directly to the battery charging port **(Image 3)**.

Charging method 1:



Charging method 2:



Tips

- Ensure all the connections are tightly secured.
- Always connect the charger to the power outlet first, then to the battery.
- Once the light indicates green, unplug the charger from the battery.
- Close the charging port cap when not in use to protect the battery.

11. Specifications

	MODEL NAME	ARIA
Rider Requirement	Payload	55–220 lbs (25–100 kg)
	Recommended Age	14 +
	Recommended Height	3'11"–6'6" (120–200 cm)
Weight and Dimensions	Net Weight	Approx. 27 lbs (12.5 kg)
	Length × Width × Height (Unfolded)	Approx. 42.24 × 16.53 × 46.29 in (1073 × 420 × 1176 mm)
	Length × Width × Height (Folded)	Approx. 42.24 × 16.53 × 17.71 in (1073 × 420 × 450 mm)
Motor	Type	Brushless, Front Wheel Mounted
	Nominal Power	350 W (0.35 kW) @ 36 V
Vehicle Parameters	Max. Speed	16 mph (25 km/h)
	Typical Range	Approx. 13 miles (21 km)
	Max. Slope	Approx. 15°

	Operating Temperature	32 - 104°F (0 - 40°C)
	IP Rating	IP54
	Charging Time	Approx. 3 - 4 h
	Tires	8.5" Tube Tire (Air Filled)
	Braking Method	Disc Brake and Foot Brake
Battery Pack	Battery Type	Lithium-ion Battery
	Nominal Voltage	36 VDC
	Charging Temperature	Recommended: 50–95°F (10–35°C); Maximum: 32–104°F (0–40°C)
	Nominal Capacity / Energy	5000 mAh / 180 Wh
	Battery Overload Protection	70A ±10A
Charger	Input Voltage	100–240 VAC
	Output Voltage	42.4 VDC
	Output Current	2 A

Others	Riding Modes	Approx: Speed Limit Mode [6 mph (10 km/h)], Standard Mode [9 mph (15 km/h)], Sport Mode [15 mph (25 km/h)]
	Headlight	LED
	Tail Light & Brake Light	LED
	Digital Dashboard	LCD Screen Indicates: Riding Mode, Speed, Battery Charge Level, Error Symbol.
	Mode Indicator	No Icon ; White "D" Icon; Red "D" Icon
	Frame Material	Aluminium-alloy
	Bluetooth Connectivity & Mobile App	Yes

12. Daily Care & Maintenance

Cleaning

- Before cleaning, disconnect the e-scooter from the charger. Ensure the power is off, and the charging port cap is covering the charging port completely.
- Use a soft, damp cloth to wipe the frame and body parts clean. You can use a toothbrush to remove hardened dirt or clean hard to reach areas.



WARNING

- **DO NOT** soak/spray/ pour water onto the e-scooter to clean.
- **DO NOT** wash your e-scooter with a hose or pressure cleaner.
- **DO NOT** use corrosive/volatile solvents including but not limited to gasoline, alcohol, acetone, etc.

Failure to follow any of the above recommendations may lead to permanent damage of the electronic components.

Storage

- Store your e-scooter in a cool, dry place indoors. Exposing your e-scooter to extreme temperatures and direct sunlight for extended periods of time will accelerate the normal aging of the body parts and may also reduce the battery life.
- Charge the battery after each ride and avoid draining the battery completely.
- **DO NOT** charge the e-scooter in temperatures outside the recommended limits [see specifications].
- If you plan to store your e-scooter for extended periods of time, charge the battery before storing to avoid the battery from being fully discharged for long periods. Charge your e-scooter at least once every three months.



WARNING

Do not attempt to disassemble the e-scooter, battery or any electrical component as this will void the manufacturer's warranty. Contact ETTRONE for support if required.

13. Contact

Enjoy your ride!

Contact **ETTRONE** for customer service and/or technical assistance.

Have your **serial number** available when contacting us.

info@ettrone.com | www.ettrone.com

