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## eAhora M1P Pro

# eAhora M1P Pro Electric Motorcycle User Manual

Model: M1P Pro

Brand: eAhora

## 1. PRODUCT OVERVIEW

The eAhora M1P Pro is a high-performance electric motorcycle designed for adults, offering a powerful 4000W motor, a top speed of 50 MPH, and a long range of up to 55 miles on a single charge. It features full suspension and dual hydraulic brakes for a safe and comfortable riding experience. This manual provides essential information for the proper assembly, operation, maintenance, and care of your M1P Pro electric motorcycle.



Figure 1.1: eAhora M1P Pro Electric Motorcycle, showcasing its sleek black design and robust build.

## 2. SAFETY INFORMATION

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Always prioritize safety when operating the eAhora M1P Pro. Adhere to all local traffic laws and regulations. Wear appropriate safety gear, including a helmet, gloves, and protective clothing, at all times.

### 2.1 Key Safety Features

- **Dual Hydraulic Brake System:** Equipped with DOT4 brakes (F 220 MM / R 180 MM) for sensitive and effective stopping power, ensuring safety in various conditions.
- **Full Suspension:** 735mm front fork and 270mm dual ring hydraulic shock absorbers minimize bumps and vibrations, enhancing stability and control.
- **360° Safety Light System:** Includes emergency flashers, high/low beams, left/right turn signals, and license plate lights for visibility during day and night.
- **Anti-Theft System:** Features a built-in anti-theft alarm system and electric lock for enhanced security.

# Dual Hydraulic Brakes



**Sensitive**  
Braking



**Less Hand**  
Fatigue



**+58% Efficiency:**

**M1P Pro** vs

**OTEHRS**

**+60% Stopping Power:**

**M1P Pro** vs

**OTEHRS**

**+75% Smoother Operation:**

**M1P Pro** vs

**OTEHRS**

**Stop Quickly in Less Time.**

Figure 2.1: Illustration of the dual hydraulic brake system, highlighting its efficiency and stopping power.

## 3. SETUP AND ASSEMBLY

The eAhora M1P Pro arrives 85% pre-assembled, requiring minimal setup. All necessary installation tools are included in the package.

### 3.1 Initial Assembly Steps

1. Carefully unbox the motorcycle and remove all packaging materials.
2. Attach the handlebar securely.
3. Install the mirrors.
4. Perform a pre-ride inspection as detailed in Section 3.2.

Assembly typically takes less than 30 minutes. A step-by-step video guide is available for visual assistance.

### 3.2 Pre-Ride Inspection Checklist

- **Tires:** Check tire pressure (250kPa for front tire) and inspect for any damage or excessive wear.
- **Brakes:** Verify that both front and rear brakes engage smoothly and effectively.
- **Lights:** Test all lights, including headlights, tail lights, and turn signals, for proper function.
- **Battery:** Ensure the battery is fully charged and securely seated.
- **Handlebar & Seat:** Confirm that the handlebar is tight and the seat is properly adjusted and secured.
- **Fasteners:** Check all visible bolts and nuts for tightness.

## 4. OPERATION

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Operating your eAhora M1P Pro is straightforward. Familiarize yourself with the controls and riding modes before your first ride.

### 4.1 Powering On/Off

- To power on, insert the key into the ignition and turn it to the 'ON' position.
- To power off, turn the key to the 'OFF' position and remove it.

### 4.2 Riding Modes and Performance

The M1P Pro offers different riding modes to suit various needs:

- **Sport Mode:** Achieves a top speed of up to 50 MPH. Battery range is approximately 30 miles.
- **Eco Mode:** Limits speed to 18 MPH for extended range, up to 55 miles on a single charge.

The 4000W motor provides 170NM of torque, allowing the motorcycle to climb slopes of 30-35° with ease.

AS FAST AS CHEETAH



Figure 4.1: Visual representation of the 4000W brushless motor and its performance capabilities, including top speed and gradeability.

### 4.3 Display and Controls

The IP67 color LCD (Double Turtle King Display) provides real-time information:

- Speedometer
- Trip Odometer
- Throttle Gear
- Battery Voltage
- Fault Indicators
- Mileage

Additional accessories include a phone holder with USB charger, metal pedals, and an electric cut-off kickstand.

## 5. BATTERY AND CHARGING

The eAhora M1P Pro is equipped with a 60V 42AH lithium battery, designed for long-lasting performance.

## 5.1 Charging Instructions

- Use the included 110V-220V universal charger.
- A full charge takes approximately 3-4 hours.
- The battery is IP66-rated for heavy rain, and the motor is IP67 waterproof (submersible up to 1m/30min).



Figure 5.1: Depiction of the 60V 42AH lithium battery and its fast charging capability.

## 5.2 Battery Lifespan and Care

- The battery is designed for 1000+ charge cycles, with an estimated lifespan of 3-5 years (600+ cycles).
- To maximize battery lifespan, avoid full discharges.
- Charge the battery after each ride.
- Store the battery in temperatures between 50-80°F (10-27°C).
- An optional second 60V 50AH battery is available for purchase separately, extending the total range to over 110

miles.

## 6. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your eAhora M1P Pro.

### 6.1 Routine Checks

- **Tires:** Regularly inspect TNT/Chengxin reinforced tires for wear, punctures, and maintain correct pressure. These tires feature self-sealing gel to reduce flats.
- **Brakes:** Check brake pads for wear and ensure brake levers operate smoothly.
- **Suspension:** Inspect the front and rear suspension components for any signs of damage or leaks.
- **Electrical Connections:** Periodically check all electrical connections for tightness and corrosion.
- **Cleaning:** Clean the motorcycle regularly with a damp cloth. Avoid high-pressure washing directly on electrical components.

**Hillside Dirt Road**

**Street Road**

**Snow Road**

**36% Anti-Puncture**  
eAhora M1P Pro

**+62% Wear-resistant**  
eAhora M1P Pro

**+1 Year Riding Distance**  
eAhora M1P Pro

**6214 Miles!**

**14IN TNT VACUUM TUBELESS TIRES**

Figure 6.1: Close-up of the 14-inch TNT vacuum tubeless tires, designed for various terrains and enhanced durability.

## 7. TROUBLESHOOTING

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This section addresses common issues you might encounter with your eAhora M1P Pro.

Problem	Possible Cause	Solution
Motorcycle does not power on.	Battery not charged, key not fully inserted, loose connection.	Ensure battery is charged. Check key position. Inspect battery and motor connections.
Reduced range or power.	Low battery charge, riding in Sport Mode excessively, tire pressure low.	Fully charge battery. Switch to Eco Mode for longer range. Check and adjust tire pressure.
Brakes feel spongy or ineffective.	Air in brake lines, worn brake pads.	Consult a qualified technician for brake system inspection and service.
Unusual noises during operation.	Loose components, motor issue.	Perform a thorough visual inspection for loose parts. If noise persists, contact customer support.

For issues not listed here or if solutions do not resolve the problem, please contact eAhora customer support.

## 8. SPECIFICATIONS

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Feature	Specification
Model Name	M1P Pro
Motor Power	4000W Brushless Motor
Max Speed	50 MPH
Battery	60V 42AH Lithium Battery (2520 Watt Hours)
Max Range	55 Miles (Eco Mode)
Charging Time	3-4 Hours
Max Load Capacity	440 lbs
Wheel Size	12 Inches
Tires	14-inch TNT Vacuum Tubeless Tires
Brake Style	Disc (Dual Hydraulic)
Suspension Type	Front (735mm hydraulic), Rear (270mm dual ring hydraulic)
Frame Material	Seamless Steel
Seat Material	Synthetic Leather (Ergonomic Airbag Seat)
Waterproof Rating	Motor: IP67, Battery: IP66

Feature	Specification
Assembly Required	Yes (Minimal)
DOT Approved	Yes

## 9. WARRANTY AND SUPPORT

### 9.1 Warranty Information

The eAhora M1P Pro comes with a **12-month limited warranty** on most parts. This warranty covers manufacturing defects and ensures the quality and performance of your electric motorcycle.

### 9.2 Customer Support

For any questions, technical assistance, or warranty claims, please contact eAhora customer support. Our professional technical team and customer service team are available to assist you.

- **Email:** [amazon@eahorabike.com](mailto:amazon@eahorabike.com)
- **Message Center:** Via the official eAhora website.
- **Phone:** +1 551-246-0188 (Call Center)

When contacting support, please have your model number (M1P Pro) and purchase details ready.



Figure 9.1: Image representing the eAhora customer support team, ready to assist users.

## 10. LEGAL AND REGISTRATION INFORMATION

The eAhora M1P Pro is DOT-certified. However, licensing and registration requirements for electric motorcycles can vary by state and local jurisdiction.

- Most states allow e-motorcycles with speeds under 50 MPH to be operated with a standard driver's license.
- For registration purposes, all eAhora Electric Motorcycles come with an MCO (Manufacturer's Certificate of Origin).

- Provide the MCO paper to your local DMV to register the vehicle if required in your state.
- It is the owner's responsibility to check and comply with all applicable local and state laws regarding electric motorcycle operation, licensing, and registration.



### Personal Shopping Assistant

Figure 10.1: Example of the MCO (Manufacturer's Certificate of Origin) document provided for registration.

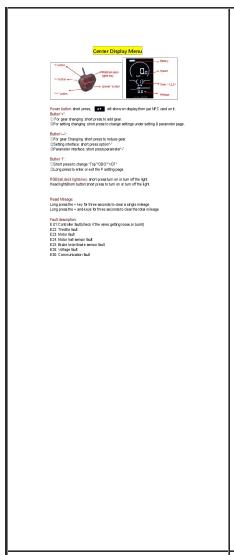
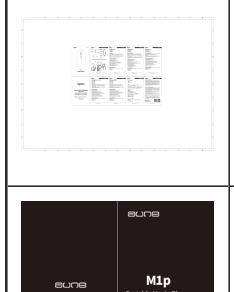
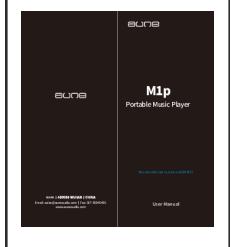
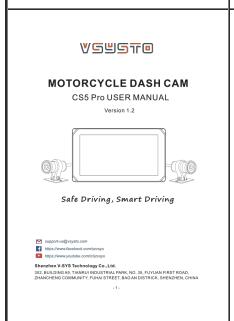
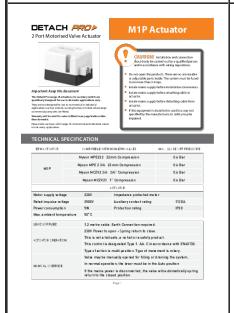
## 11. OFFICIAL PRODUCT VIDEOS

No official seller-created product videos were identified in the provided product data. Please refer to the product images and descriptions for visual and detailed information.

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This manual is for informational purposes only. Specifications are subject to change without notice.

### Related Documents - M1P Pro

	<p><a href="#">Eahora Electric Scooter Display Manual: Center Menu and P Settings</a></p> <p>Comprehensive guide to the Eahora electric scooter center display menu, covering button functions, reset procedures, fault codes, and detailed P settings configuration for optimal performance and customization.</p>
	<p><a href="#">Inphic Wireless Mouse User Manual and Specifications</a></p> <p>Comprehensive guide for the Inphic wireless mouse, including setup instructions, technical parameters, operating system compatibility, warranty information, and contact details. Covers multilingual setup in English, German, French, Italian, and Spanish.</p>
	<p><a href="#">Aune M1p Portable Music Player User Manual</a></p> <p>Comprehensive user manual for the Aune M1p portable music player, detailing its specifications, operations, settings, and connectivity features. Learn how to use your M1p for an excellent HiFi experience.</p>
	<p><a href="#">aune M1p Portable Music Player User Manual - Features, Specs, and Operation</a></p> <p>Comprehensive user manual for the aune M1p portable music player. Learn about its features, specifications, operations, settings, and connection options for this high-quality HiFi audio device.</p>
	<p><a href="#">VSYSTO CS5 Pro Motorcycle Dash Cam User Manual</a></p> <p>Comprehensive user manual for the VSYSTO CS5 Pro Motorcycle Dash Cam, covering installation, features, operation, safety guidelines, and troubleshooting for motorcycle riders.</p>
	<p><a href="#">Detach Pro M1P Actuator Installation and Operation Guide</a></p> <p>Comprehensive guide for the Detach Pro M1P Actuator, a 2-port motorised valve actuator. Includes technical specifications, installation instructions, wiring diagrams, and commissioning steps for domestic applications.</p>