

Aipas F3 MAX

Aipas F3 Max Folding Electric Bike User Manual

Model: F3 MAX

1. INTRODUCTION

Thank you for choosing the Aipas F3 Max Folding Electric Bike. This manual provides essential information for the safe assembly, operation, maintenance, and troubleshooting of your new electric bike. Please read this manual thoroughly before your first ride and keep it for future reference.

The Aipas F3 Max is designed for urban commuting and adventure, featuring an 1800W peak motor, 85-mile range, 864Wh battery, and hydraulic disc brakes. Its full suspension and 20-inch fat tires ensure a comfortable and controlled ride across various terrains.



Image: The Aipas F3 Max electric bike ready for adventure.

2. SAFETY INFORMATION

WARNING: Always wear a helmet when riding your electric bike. Obey all local traffic laws and regulations.

- Perform a pre-ride inspection before each use, checking brakes, tires, battery, and all connections.
- Ensure the battery is securely locked in place before riding.
- Do not ride under the influence of alcohol or drugs.

- Adjust your speed to suit road conditions, weather, and your riding ability.
- Be aware of your surroundings and other road users.
- Do not modify the bike's electrical system or components.
- Keep hands and feet clear of moving parts.

3. WHAT'S IN THE BOX

Your Aipas F3 Max package includes the following components:

- Aipas F3 Max Electric Bike (90% pre-assembled)
- Battery
- Charger
- Kickstand
- Tool Kit
- User Manual (this document)

FULL SUSPENSION

Dual suspension absorbs up to 90% of bumps for a smoother, more controlled ride across any terrain.



90%
Bumps



STABILITY

Confident on any terrain



COMFORT

Smoother rides. Less fatigue



CONTROL

Better grip & handling



Image: The Aipas F3 Max electric bike as it appears upon unboxing.

4. SETUP

Your Aipas F3 Max electric bike arrives 90% pre-assembled. Follow these steps to complete the setup:

1. **Unfolding the Bike:** Carefully unfold the frame and secure the folding mechanism. Ensure all quick-release levers are tightened.
2. **Handlebar Adjustment:** Adjust the handlebar height and angle for a comfortable riding position. Tighten the stem clamp securely.
3. **Seat Adjustment:** Adjust the seat post height so your feet can comfortably touch the ground when stopped. Secure the quick-release lever.
4. **Pedal Attachment:** Identify the left (L) and right (R) pedals. Thread them into the crank arms by hand, then tighten firmly with a wrench from the tool kit. Note that the left pedal is reverse-threaded.
5. **Battery Installation:** Insert the battery into its compartment and ensure it clicks into place. Use the key to lock it for security.
6. **Tire Inflation:** Inflate tires to the recommended pressure indicated on the tire sidewall.

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Video: Aipas F3 Max Unboxing and initial setup guide.



Image: Folded and unfolded dimensions of the Aipas F3 Max.

5. OPERATING INSTRUCTIONS

5.1 Powering On/Off

To power on the bike, press and hold the power button on the display. To power off, press and hold the power button again.

5.2 Pedal Assist System (PAS) and Throttle

The Aipas F3 Max features multiple Pedal Assist System (PAS) levels and a throttle for electric assistance.

- **PAS Modes:** Use the '+' and '-' buttons on the display to cycle through PAS levels (typically 0-5). Higher levels provide more motor assistance.

- **Throttle:** The throttle provides on-demand power without pedaling. Twist the throttle grip to engage the motor.

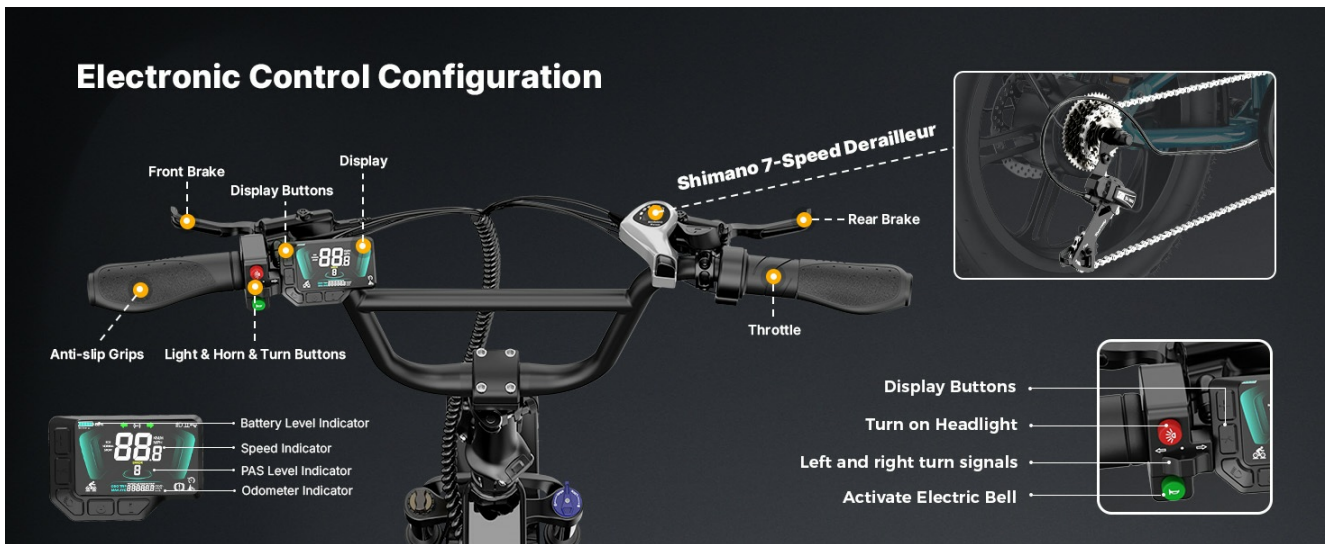


Image: Electronic control configuration and display functions.

5.3 Gear Shifting

The bike is equipped with a Shimano 7-speed derailleur. Use the shifter on the handlebar to change gears, allowing you to adapt to different terrains and optimize pedaling efficiency.

5.4 Braking System

The Aipas F3 Max features dual 180mm hydraulic disc brakes for reliable stopping power. Squeeze both brake levers gently and evenly to slow down or stop. Avoid sudden, hard braking, especially with the front brake, to prevent loss of control.

DUAL HYDRAULIC DISC BRAKES

Stronger braking confidence at higher speeds and on steep descents.

Hydraulic brakes	
3M Braking Distance	2S Full Stop
	
5M Braking Distance	4S Full Stop
Mechanical brakes	



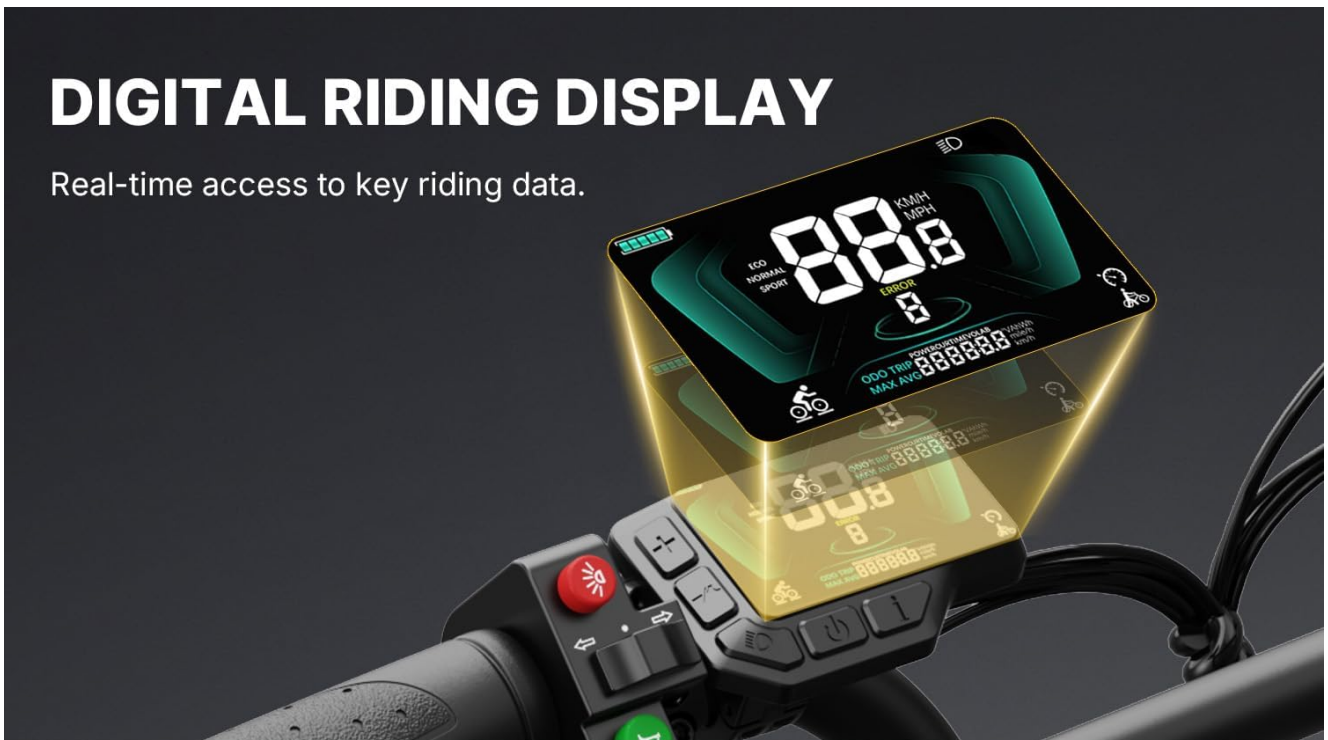
Image: Detail of the dual hydraulic disc brakes.

5.5 Digital Display

The digital display provides real-time riding data, including speed, battery level, PAS level, and odometer. Refer to the display diagram for button functions and indicators.

DIGITAL RIDING DISPLAY

Real-time access to key riding data.



ENHANCED VISIBILITY SYSTEM

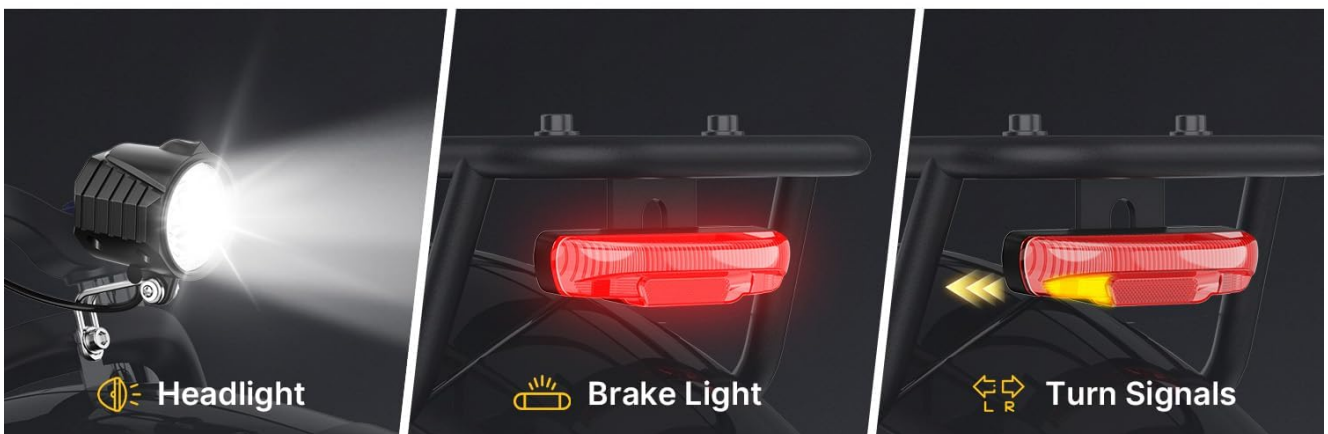


Image: Digital display and integrated lighting system.

5.6 Lights and Turn Signals

The integrated headlight, brake light, and turn signals enhance visibility. Use the control buttons on the handlebar to activate these features, especially in low-light conditions or when signaling turns.

5.7 Riding on Various Terrains

The Aipas F3 Max is equipped with full suspension and 20" x 4" fat tires, making it suitable for gravel, dirt, sand, snow, trails, and city streets. Adjust your PAS level and gear according to the terrain. The full suspension system absorbs bumps for a smoother ride.

POWER THROUGH EVERY RIDE

Powerful professional motors



Class 3
Riding Speed



25°
Climbs Up to



1800W Peak
Unleashed Power

110 N.m
Max Torque

Image: Full suspension system in action on varied terrain.

20" × 4" FAT TIRES

Confident traction on any terrain.



Image: 20" x 4" all-terrain fat tires for confident traction.

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Video: Aipas F3 Max in action, demonstrating riding capabilities.

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Video: Further demonstration of the Aipas F3 Max's performance.

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Video: Comprehensive showcase of the Aipas F3 Max features and riding experience.

6. MAINTENANCE

Regular maintenance ensures the longevity and safe operation of your Aipas F3 Max electric bike.

- **Battery Care:** Charge the battery fully after each ride. Store the battery in a cool, dry place. If storing for extended periods, charge it to 50-70% every 2-3 months.
- **Tire Pressure:** Check tire pressure before each ride. Maintain pressure within the range specified on the tire

sidewall for optimal performance and safety.

- **Brake Inspection:** Regularly check brake pads for wear and brake levers for proper function. Ensure brake cables (or hydraulic lines) are free from damage.
- **Chain Lubrication:** Keep the chain clean and lubricated to ensure smooth gear changes and prevent wear.
- **General Cleaning:** Clean the bike regularly with a damp cloth. Avoid using high-pressure water jets directly on electrical components.
- **Suspension Check:** Periodically inspect the front fork and rear suspension for proper function and any signs of damage or leaks.
- **Fastener Check:** Ensure all bolts and quick-release levers are tightened before each ride.

7. TROUBLESHOOTING

Here are some common issues and their potential solutions:

Problem	Possible Cause	Solution
Bike does not power on	Battery not charged, battery not installed correctly, loose connection.	Charge battery, ensure battery is fully inserted and locked, check all cable connections.
Motor not assisting	PAS level is 0, battery low, brake lever engaged, motor cable loose.	Increase PAS level, charge battery, ensure brake levers are fully released, check motor cable connection.
Brakes feel weak	Worn brake pads, air in hydraulic system, misaligned calipers.	Inspect and replace brake pads, bleed hydraulic system (professional service recommended), adjust calipers.
Unusual noises	Loose components, dry chain, brake rub.	Check all fasteners, lubricate chain, adjust brake calipers.

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

8. SPECIFICATIONS

Feature	Detail
Bike Type	Electric Commuting Bike, Electric Folding Bike
Age Range	Adult
Brand	Aipas
Number of Speeds	7
Color	Jet Black
Wheel Size	20 inches
Frame Material	High Carbon Steel
Suspension Type	Dual (Front Fork and Rear Horst-link)
Special Feature	Digital Display, Dual Hydraulic Disc Brake, Dual Suspension, Foldable, Portable

Feature	Detail
Power Source	Electric
Wattage	1800 watts (Peak Motor)
Battery	48V 18Ah (864Wh) Removable
Range	Up to 85 miles (PAS mode)
Charging Time	4–6 hours
Maximum Weight Recommendation	500 pounds
Recommended Rider Height	4'7" to 6'5"
Intended Riding Terrain	All terrain, Unpaved Trails, Urban Terrain

9. WARRANTY AND SUPPORT

Your Aipas F3 Max electric bike comes with a **1-Year Warranty** and lifetime technical support. Aipas is committed to providing responsive assistance for installation, troubleshooting, and after-sales care.

For any questions or support needs, please contact Aipas customer service:

Call Center: 1(844)777-0681 (Mon. - Fri. 9:00 am - 5:30 pm PST)

E-Mail: service@aipasbike.com (Response within 24 hours)





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E-Mail
service@aipasbike.com
Respond Within 24 hrs



1 YEAR WARRANTY
WARRANTY
AND FREE ACCESSORIES

»»» **Activate warranty**

Image: Aipas Customer Service contact details and warranty information.

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

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