

Forcemech Navigator Pro

Forcemech Navigator Pro Electric Wheelchair Instruction Manual

Model: Navigator Pro

1. INTRODUCTION

Welcome to the Forcemech Navigator Pro Electric Wheelchair instruction manual. This document provides essential information for the safe and effective operation, maintenance, and care of your new electric wheelchair. Please read this manual thoroughly before using the product and retain it for future reference.

2. SAFETY INFORMATION

Your safety is paramount. Always adhere to the following safety guidelines:

- Always ensure the wheelchair is fully charged before extended use.
- Operate the wheelchair on stable and appropriate terrain. Avoid excessively steep slopes or uneven surfaces beyond the wheelchair's capabilities.
- Familiarize yourself with the joystick controls and braking system before operating in public areas.
- Regularly inspect tires, brakes, and battery connections for wear or damage.
- Do not exceed the maximum weight capacity of 400 lbs.
- Keep hands and clothing clear of moving parts.
- When transporting, ensure the wheelchair is properly folded and secured.
- Consult a healthcare professional for guidance on proper posture and seating adjustments.

3. PRODUCT OVERVIEW

The Forcemech Navigator Pro is a lightweight, foldable electric wheelchair designed for adults, offering all-terrain capabilities and airline approval for convenient travel.

Key Features:

- **All-Terrain Ready:** Equipped with traction-tuned tires and powerful motors to handle grass, ramps, sand, and mud.
- **Travel-Friendly & Easy Transport:** Folds compactly like luggage, fitting most car trunks and approved for air travel.

- **Compact Heavy-Duty Design:** Weighs only 60 lbs with a robust 400 lbs capacity, built with a full aluminum alloy frame.
- **Extended Range:** Up to 18 miles per charge with easily swappable battery packs.
- **Smooth & Quiet Power:** Dual 250W brushless motors with electromagnetic braking and retractable anti-tippers for stability on inclines up to 12°.

Components:

The Navigator Pro features an all-directional joystick, padded seat cushion, handy storage bag with reflective strips, and rock-solid anti-tip wheels.



Image 1: The Forcemech Navigator Pro Electric Wheelchair in an outdoor setting, showcasing its robust design and all-terrain capabilities.

Two-Step Folding

2026 New Model



Image 2: The Forcemech Navigator Pro Electric Wheelchair folded into a compact form, demonstrating its portability for transport.

4. SETUP

Follow these steps to set up your Forcemech Navigator Pro Electric Wheelchair:

1. **Unfolding:** Place the folded wheelchair on a flat surface. Gently pull the backrest upwards until the frame locks into place.
2. **Footrest Deployment:** Lower the footrest into position.
3. **Armrest Adjustment:** Adjust the armrests to a comfortable height.
4. **Joystick Attachment:** Securely attach the joystick controller to either the left or right armrest, ensuring all connections are firm.
5. **Battery Installation:** Insert the battery pack(s) into the designated slots. Ensure they click into place.
6. **Power On:** Press the power button on the joystick to turn on the wheelchair.

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Video 1: This video demonstrates the operational steps for the Aotedor electric wheelchair, including footrest deployment, controller mounting, battery removal, and mode switching.

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Video 2: This video provides a quick setup guide for an electric wheelchair, showing how to switch between manual and electric modes, lift armrests for side access, fasten the seatbelt, and operate the joystick controller.

5. OPERATING INSTRUCTIONS

Operating your Navigator Pro is intuitive. Follow these instructions for a safe and comfortable ride:

1. **Power On/Off:** Press the green power button on the joystick to turn the wheelchair on or off.
2. **Speed Adjustment:** Use the '+' and '-' buttons on the joystick to increase or decrease speed levels.
3. **Direction Control:** Gently push the joystick in the desired direction (forward, backward, left, right).
4. **Braking:** Release the joystick to engage the electromagnetic braking system, which will bring the wheelchair to a smooth stop.
5. **Horn:** Press the horn button for audible alerts.
6. **Manual Mode:** To switch to manual mode, disengage the motors by pulling the red levers located near the rear wheels. Push them forward to re-engage electric mode.
7. **Navigating Obstacles:** The all-terrain tires and powerful motors allow for smooth navigation over various surfaces and gentle slopes.

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Video 3: This video highlights the smooth and controlled outdoor performance of the Navigator Pro, its ability to handle various terrains, quick folding mechanism, FAA approval for air travel, and easy battery removal.

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Video 4: This video showcases the Aotedor Carbon Fiber Electric Wheelchair's features, including its carbon fiber material, maneuverability in indoor spaces, ability to handle various terrains, dual brushless motors for climbing slopes, electromagnetic braking, and one-step folding for easy transport.

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Video 5: This video demonstrates the functional operation of the 7003 electric wheelchair, highlighting its maneuverability in tight spaces and ease of entry/exit from elevators.

6. MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your wheelchair.

- **Cleaning:** Wipe down the frame and seat cushion with a damp cloth. Avoid harsh chemicals.
- **Battery Care:** Charge batteries regularly, even when not in use, to maintain battery health. Store batteries in a cool, dry place.
- **Tire Inspection:** Check tire pressure and tread wear periodically. Replace tires if they are excessively worn or damaged.
- **Brake Check:** Ensure the electromagnetic brakes engage smoothly and effectively.
- **Fastener Check:** Periodically check all bolts and fasteners to ensure they are tight.
- **Storage:** When storing for extended periods, ensure the battery is charged and the wheelchair is clean and dry.

7. TROUBLESHOOTING

If you encounter issues with your Navigator Pro, refer to the following common troubleshooting tips:

Problem	Possible Cause	Solution
Wheelchair does not power on.	Battery not installed correctly or discharged.	Ensure battery is fully inserted and charged. Check power button.
Wheelchair moves slowly or inconsistently.	Low battery charge or motor disengaged.	Charge battery. Ensure red motor levers are pushed forward for electric mode.
Unusual noises during operation.	Loose components or debris in wheels.	Inspect for loose parts and tighten. Clear any obstructions from wheels.
Joystick unresponsive.	Loose connection or joystick malfunction.	Check joystick cable connection. If problem persists, contact support.

For issues not listed here, or if troubleshooting steps do not resolve the problem, please contact Forcemech customer support.

8. SPECIFICATIONS

Feature	Detail
Product Dimensions	38"D x 37"W x 25"H (Unfolded)
Item Weight	38 Pounds
Weight Capacity	400 lbs
Motor Type	Dual 250W Brushless Motors
Max Range	Up to 18 Miles
Climbing Gradient	Up to 12°
Frame Material	Aluminum Alloy
Airline Approved	Yes (FAA Certified)
Color	Blue
Manufacturer	Forcemech

9. WARRANTY AND SUPPORT

Forcemech is committed to providing high-quality products and excellent customer service.

Warranty Information:

- **Main Frame:** 5 Years
- **Motors:** 3 Years
- **Controller Unit:** 1 Year
- **Batteries:** 1 Year
- **Joystick Controller:** 1 Year

For detailed warranty terms and conditions, please refer to the official Forcemech website or contact customer support.

Customer Support:

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

Phone: 1-(877)-90-FORCE or 1-(877)-903-6723

Email: support@forcemech.com

Online Store: [Visit the Forcemech Store on Amazon](#)

