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> NAVEE V40i Pro Electric Scooter User Manual

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Model: V40i Pro

1. PRODUCT OVERVIEW

The NAVEE V40i Pro is a foldable electric scooter designed for urban mobility. It features a robust aluminum frame, a powerful motor, and a dual braking system for enhanced safety. The scooter is equipped with integrated turn signals and a battery management system (BMS) to ensure reliable performance.



Figure 1.1: Side view of the NAVEE V40i Pro Electric Scooter.



Figure 1.2: Close-up of the handlebar and 4-inch display, showing controls and indicators.

2. SAFETY INFORMATION

WARNING: Always wear a helmet and appropriate safety gear when riding the electric scooter. Adhere to local traffic laws and regulations.

- Do not ride in heavy rain, snow, or icy conditions.
- Avoid riding on uneven surfaces, potholes, or obstacles.
- Ensure the scooter is fully charged and all components are secure before each ride.
- Maintain a safe distance from other vehicles and pedestrians.
- Do not allow children under the recommended age to operate the scooter.
- Do not exceed the maximum weight limit of 120 kg.

3. WHAT'S IN THE BOX

Upon unboxing your NAVEE V40i Pro Electric Scooter, please verify that all the following items are included:

- NAVEE V40i Pro Electric Scooter
- General Operating Permit (ABE)
- Data Confirmation Document
- Instruction Manual
- Assembly Screws

4. SETUP AND ASSEMBLY

4.1 Unfolding the Scooter

The NAVEE V40i Pro features a unique DoubleFlip mechanism for compact storage. To unfold the scooter:

1. Place the scooter on a flat surface.
2. Locate the folding latch near the base of the steering column.
3. Release the latch and carefully lift the steering column until it locks into the upright position. Ensure it clicks securely.
4. Unfold the handlebars if they are folded, ensuring they are securely in place.



Figure 4.1: The NAVEE V40i Pro in its folded configuration, demonstrating its compact design.



Figure 4.2: Diagram showing the DoubleFlip folding mechanism, highlighting how it saves space.

4.2 Initial Charging

Before your first ride, fully charge the scooter's battery. The charging port is typically located near the base of the steering column or on the side of the deck.

- Connect the charger to the scooter's charging port.
- Plug the charger into a standard wall outlet.
- The charging indicator light on the charger will change (e.g., from red to green) when charging is complete. A full charge takes approximately 6 hours.
- Disconnect the charger once charging is complete.

5. OPERATING INSTRUCTIONS

5.1 Powering On/Off

To power on the scooter, press and hold the power button on the display panel. To power off, press and hold the power button again until the display turns off.

5.2 Riding and Speed Control

Once powered on, gently push off with one foot to gain initial momentum, then press the accelerator lever to engage the motor. The scooter offers different speed modes, which can typically be cycled through by pressing the mode button on the display panel. The maximum speed is 20 km/h.

5.3 Braking System

The NAVEE V40i Pro features a dual braking system for reliable stopping power. To brake, gently squeeze the brake lever on the handlebar. Apply even pressure for smooth deceleration. For emergency stops, apply firm pressure to the brake lever.

5.4 Lights and Turn Signals

The scooter is equipped with an auto-sensor headlight and integrated turn signals for improved visibility and safety, especially during night rides. Activate the lights and turn signals using the respective controls on the handlebar.



Figure 5.1: Illustration of the auto-sensor headlight and integrated turn signals for enhanced safety.

5.5 NAVEE Smart App Integration

Enhance your riding experience by connecting your scooter to the NAVEE Smart App. The app provides access to various features, including:

- Viewing current mileage and average speed.
- Controlling the automatic sensor-controlled headlight.
- Monitoring energy recovery.
- Electronic lock function for security.

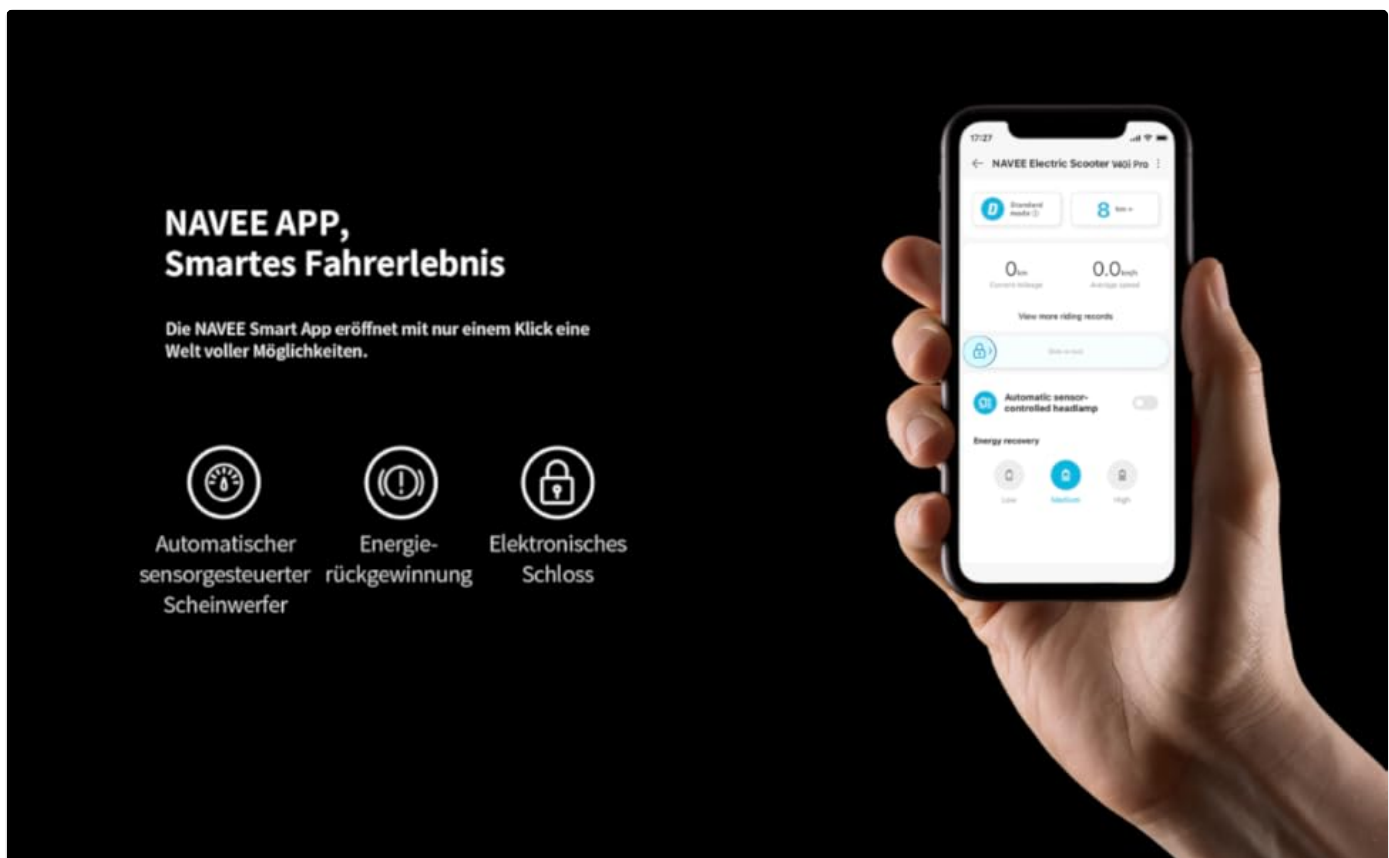


Figure 5.2: The NAVEE Smart App interface, demonstrating various control and monitoring features.

6. MAINTENANCE

Regular maintenance ensures the longevity and safe operation of your NAVEE V40i Pro Electric Scooter.

6.1 Battery Care

- Charge the battery regularly, even if the scooter is not in use, to prevent deep discharge.
- Avoid exposing the battery to extreme temperatures.
- Use only the official charger provided with the scooter.

6.2 Tire Pressure

Check tire pressure regularly. Proper tire pressure (refer to specifications for recommended PSI) is crucial for ride comfort, range, and tire lifespan.

6.3 Cleaning

Clean the scooter with a damp cloth. Do not use high-pressure water jets or corrosive cleaning agents. Ensure the charging port cover is securely closed before cleaning.

6.4 Brake Inspection

Periodically inspect the brake system for wear and tear. Ensure the brake lever operates smoothly and the brakes provide adequate stopping power. Adjust or replace components as necessary, or consult a qualified technician.

7. TROUBLESHOOTING

This section addresses common issues you might encounter with your NAVEE V40i Pro Electric Scooter.

Problem	Possible Cause	Solution
Scooter does not turn on	Low battery; Loose connections; Power button malfunction	Charge the battery; Check all cable connections; Contact support if issue persists
Reduced range or power	Under-inflated tires; Battery degradation; Riding uphill frequently	Check and inflate tires to recommended pressure; Ensure full charge; Adjust riding style
Brakes feel weak or spongy	Brake cable adjustment needed; Worn brake pads	Adjust brake cable tension; Inspect and replace brake pads if worn
Unusual noises during operation	Loose components; Debris in wheels/motor; Worn bearings	Inspect scooter for loose parts; Clean wheels/motor area; Contact support for inspection

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

8. SPECIFICATIONS

Feature	Detail
Model Name	V40i Pro
Brand	NAVEE
Dimensions (L x W x H)	114.7 x 57.2 x 115.8 cm
Product Weight	17.7 kg
Max Load Capacity	120 kg
Max Speed	20 km/h
Max Range	Up to 40 km
Max Incline	18%
Battery Type	Lithium Ion
Battery Capacity	7800 mAh
Charging Time	Approx. 6 hours
Motor Power (Max)	700 W
Wheel Material	Rubber
Frame Material	Aluminum
Special Features	Speedometer, DoubleFlip Mechanism, Dual Braking System, Integrated Turn Signals, Auto-Sensor Headlight, BMS



Figure 8.1: Performance specifications including maximum power, incline capability, and top speed.

9. WARRANTY AND SUPPORT

The NAVEE V40i Pro Electric Scooter comes with a standard manufacturer's warranty. Please refer to the warranty card included in your packaging for specific terms and conditions, including warranty period and coverage details.

For technical assistance, warranty claims, or any other inquiries, please contact NAVEE customer support through their official website or the contact information provided in your product documentation. Keep your purchase receipt as proof of purchase for warranty services.

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