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› TOURSOR X5 Electric Scooter User Manual

ILEFOROR X13

TOURSOR X5 Electric Scooter User Manual

Model: X13 | Brand: ILEFOROR

1. IMPORTANT SAFETY INFORMATION

Read this manual carefully before operating the TOURSOR X5 Electric Scooter. Failure to follow the instructions and safety warnings could result in serious injury or damage to the scooter.

- Always wear a helmet and appropriate safety gear (knee pads, elbow pads) when riding.
- Do not ride in wet conditions, heavy rain, or through puddles. The scooter has IP55 waterproof rating, but it is not designed for submersion.
- Ensure all bolts and quick releases are securely tightened before each ride.
- Do not exceed the maximum load capacity of 220 lbs (100 kg).
- Maintain a safe speed and always be aware of your surroundings.
- Familiarize yourself with local laws and regulations regarding electric scooter use.
- Regularly check tire pressure, brakes, and overall scooter condition.



Figure 1: Safety Features of the TOURSOR X5 Electric Scooter, including dual disc brakes and IP55 waterproofing.

2. PRODUCT OVERVIEW

The TOURSOR X5 is a powerful all-terrain electric scooter designed for adults, featuring a 1200W motor, 48V 18AH battery, and a top speed of 27 MPH. It offers a comfortable ride with dual hydraulic shock absorbers and 11-inch off-road tires.



Figure 2: TOURSOR X5 Electric Scooter and its included components.

Key Features:

- **Powerful Performance:** 1200W motor, 27 MPH top speed, 220 lbs max load.
- **Long Range Battery:** 48V 18AH lithium battery, up to 37 miles per charge.
- **All-Terrain Capability:** 11-inch off-road tires and dual hydraulic shock absorbers.
- **Foldable Design:** Easy storage and transport with a double folding lock.
- **Enhanced Safety:** Hydraulic disc brakes, dual headlights, taillights, turn signals, and brake lights.
- **Removable Seat:** Option for seated or standing riding.



The image features a TOURSOR X5 electric scooter, which is black with orange accents on the frame and deck. It has a large front wheel and a smaller rear wheel, both with treaded tires. The scooter is shown from a side profile against a light blue background with white motion lines. A central text box contains performance specifications and icons. To the right of this box, the scooter's name and key features are listed in large, bold, orange and white text.

48V 18Ah Large Capacity Battery	37mi Standard Mileage	27mph Top Speed
1200lb*4 4 Shock Absorbers	1200W Motor Power	48V20A Smart Controller

TOURSOR
Powerful
Stable
Ride
X5

Figure 3: Performance specifications of the TOURSOR X5 Electric Scooter.



Figure 4: The 1200W Brushless Motor provides strong output for various terrains.

3. SETUP AND ASSEMBLY

The TOURSOR X5 Electric Scooter comes partially assembled. Follow these steps to complete the setup.

1. **Unpacking:** Carefully remove all components from the packaging. Verify that all parts listed in Figure 2 are present.
2. **Handlebar Installation:**
 - Lift the handlebar stem to its upright position until it locks securely.
 - Attach the handlebars to the stem, ensuring all cables are not pinched. Tighten the screws firmly using the provided toolkit.
3. **Seat Installation (Optional):**
 - Insert the seat post into the designated slot on the scooter deck.
 - Adjust the seat height to a comfortable position and secure it with the quick-release lever.

4. **Initial Charge:** Before first use, fully charge the scooter's battery. Refer to the "Charging the Battery" section for detailed instructions.
5. **Pre-Ride Check:** Before every ride, ensure tires are properly inflated, brakes are functional, and all connections are secure.

4. OPERATING THE SCOOTER

Familiarize yourself with the controls before riding.



Figure 5: Handlebar Controls and Display Panel.

Controls Overview:

- **Key Switch:** Insert and turn the key to power on/off the scooter.
- **Voltage Lock:** Provides additional security.
- **Power Button:** Turns the display on/off.
- **Mode Button:** Cycles through riding modes (e.g., Eco, Standard, Sport) or display information.

- **Accelerator:** Thumb throttle on the right handlebar to control speed.
- **Brake Handles:** Left and right levers control the hydraulic disc brakes.
- **Light Switch:** Activates dual headlights, taillights, and turn signals.
- **Horn Switch:** Activates the horn.
- **Display Panel:** Shows current speed, speed gears, battery power, and trip distance.

Riding Instructions:

1. **Power On:** Insert the key and turn it to the ON position. Press the power button on the display.
2. **Starting:** Place one foot on the deck and push off with the other foot to gain initial momentum. Once moving, gently press the accelerator.
3. **Acceleration:** Gradually press the accelerator to increase speed. Avoid sudden acceleration.
4. **Braking:** Gently squeeze both brake levers simultaneously for smooth stopping. For emergency stops, apply firm pressure to both levers.
5. **Turning:** Lean into turns and use the handlebars for steering.
6. **Power Off:** Release the accelerator, bring the scooter to a complete stop, and turn the key to the OFF position.

5. CHARGING THE BATTERY

The TOURSOR X5 is equipped with a 48V 18AH lithium battery. Proper charging extends battery life.

48V18Ah 21700

Power lithium battery

Range of up to 37 miles (60 km) under standard conditions,
Ideal for daily commutes and long-distance rides.
Certified by CE, ROHS, UL, UN38.8, and SMDS
for guaranteed safety and reliability.



Figure 6: The 48V 18AH Lithium Battery.

1. **Locate Charging Port:** The charging port is typically located on the side of the scooter deck.
2. **Connect Charger:** Ensure the scooter is powered off. Plug the charger into a standard wall outlet, then connect the charging cable to the scooter's charging port.
3. **Charging Indicator:** The charger's indicator light will typically be red during charging and turn green when fully charged.
4. **Charging Time:** A full charge takes approximately 8-10 hours. Do not overcharge the battery.
5. **Disconnect:** Once fully charged, disconnect the charger from the scooter first, then from the wall outlet.

Important: Use only the original charger provided with your scooter. Do not charge the battery in extreme temperatures.

6. FOLDING AND UNFOLDING

The TOURSOR X5 features a 3-second fast folding mechanism for easy portability and storage.

3S Fast Folding

Upgraded safety lock, fast,
Convenient and stable



Figure 7: Folding Mechanism and Dimensions.

Folding Instructions:

1. Ensure the scooter is powered off.
2. Locate the folding latch/lever at the base of the handlebar stem.
3. Engage the safety lock, then pull the folding lever to release the stem.
4. Carefully fold the handlebar stem downwards until it clicks into place, securing it to the rear fender or a designated latch on the deck.

Unfolding Instructions:

1. Release the latch that secures the folded stem to the deck/fender.
2. Lift the handlebar stem upwards until it locks securely into the upright riding position. Ensure the folding latch is fully engaged and the safety lock is applied.
3. Verify that the stem is stable and does not wobble before riding.

7. MAINTENANCE

Regular maintenance ensures the longevity and safe operation of your TOURSOR X5 Electric Scooter.

- **Cleaning:** Wipe the scooter with a damp cloth. Do not use high-pressure water jets or immerse the scooter in water.
- **Tire Pressure:** Check tire pressure regularly. The 11-inch pneumatic tires require proper inflation for optimal performance and safety. Refer to the tire sidewall for recommended PSI.
- **Brakes:** Inspect hydraulic disc brakes for wear and proper function. Adjust or replace brake pads as needed. Ensure brake levers have appropriate tension.
- **Fasteners:** Periodically check and tighten all screws, bolts, and connections, especially on the handlebars, stem, and wheels.
- **Battery Care:** Store the scooter in a cool, dry place. If storing for extended periods, charge the battery to about 50-70% every 1-2 months to prevent deep discharge.
- **Lubrication:** Apply a small amount of lubricant to moving parts like folding mechanisms if they become stiff.

8. TROUBLESHOOTING

This section addresses common issues you might encounter with your scooter.

Problem	Possible Cause	Solution
Scooter does not power on.	Battery is low or dead; Key not turned; Power button not pressed.	Charge the battery; Ensure key is in ON position; Press the power button on the display.
Motor not engaging/scooter not moving.	Accelerator not pressed; Safety mode engaged; Loose connection.	Ensure accelerator is pressed after initial push-off; Check for error codes on display; Inspect cable connections.
Reduced range or speed.	Low tire pressure; Battery degradation; Riding uphill or against strong wind.	Inflate tires to recommended PSI; Ensure battery is fully charged; Adjust riding style.
Brakes feel weak or spongy.	Brake pads worn; Air in hydraulic line; Brake cable loose.	Inspect and replace brake pads; Consult a professional for hydraulic brake bleeding; Adjust brake cable tension.

If the issue persists, please contact customer support.

9. SPECIFICATIONS

Feature	Detail
Model Name	X13 (TOURSOR X5)
Motor Power	1200W Single Motor
Battery	48V 18AH Lithium Battery
Max Speed	Up to 27 MPH (43 km/h)
Max Range	Up to 37 Miles (60 km)
Charging Time	8-10 Hours

Feature	Detail
Max Load	220 lbs (100 kg)
Tires	11-inch Off-Road Pneumatic Tires
Brakes	Hydraulic Disc Brakes (Front & Rear)
Suspension	Dual Hydraulic Shock Absorbers
Water Resistance	IP55
Material	Aluminum Alloy Frame
Item Weight	40 Kilograms (approx. 88 lbs)

10. WARRANTY AND SUPPORT

Warranty Description: Electrical Parts: Different accessories have different warranty periods. Generally 1-12 Months.

For technical support, warranty claims, or replacement parts, please contact ILEFOROR customer service through the retailer where you purchased the product or visit the official ILEFOROR website.

Please have your model number (X13) and purchase date ready when contacting support.