

SKRT XW-E08

SKRT XW-E08 Large 4-Wheel Mobility Scooter User Manual

Model: XW-E08

1. INTRODUCTION

This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your SKRT XW-E08 Large 4-Wheel Mobility Scooter. Please read this manual thoroughly before using the scooter to ensure proper handling and to maximize its lifespan. Keep this manual for future reference.

The Travel Problems **SOLVE** Of The Elderly

Overall Size : 66.9~63×26.4×47.6 inch



Figure 1: SKRT XW-E08 Mobility Scooter with overall dimensions (H47.6*L66.9*W26.4 inch).

2. SAFETY INFORMATION

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

- Always wear appropriate safety gear, including a helmet, if local regulations require or if you deem it necessary for your safety.
- Familiarize yourself with all controls before operating the scooter.
- Do not operate the scooter under the influence of alcohol or drugs.
- Observe all local traffic laws and regulations.
- Avoid sudden stops, turns, or acceleration.
- Ensure the battery is adequately charged before each use.
- Do not exceed the maximum weight capacity of 400 LBS.
- Use caution when climbing inclines; the maximum climbing degree is 9°.
- The scooter is equipped with anti-tipping rollers for enhanced stability.

3. GETTING STARTED

3.1 Unpacking and Initial Inspection

The SKRT XW-E08 Mobility Scooter is delivered fully assembled and quality-controlled in the US. No assembly is required. Upon receiving your scooter, carefully inspect the packaging and the scooter itself for any signs of damage that may have occurred during transit. Report any damage to the carrier immediately.

3.2 Initial Charge

Before the first use, ensure the battery is fully charged. Refer to Section 5 for detailed charging instructions.

4. OPERATING YOUR SCOOTER

4.1 Controls Overview



Figure 2: Operation Board Details

- **Key Ignition:** Insert the physical key (x2 included) into the ignition slot to power on/off the scooter.
- **Monitor Screen:** Located on the dashboard, this screen displays current speed, travel range, signal light

status, and battery capacity.

- **Speed Adjust:** A variable speed control dial allows adjustment between three gears: high-speed (15 mph), mid-speed (11 mph), and low-speed (7.5 mph).
- **Twist Throttle:** Located on the right handle, twist to accelerate.
- **High/Low Beam Light Switch:** On the left side, controls the front headlight intensity.
- **Turning Light Switch:** On the left side, activates left or right turn signals.
- **Horn:** On the left side, press to sound the horn.
- **Front and Rear Brakes:** Hand levers control the disc brakes for effective stopping.
- **Rearview Mirrors:** Left and right mirrors provide visibility of your surroundings.

4.2 Riding Instructions

1. Ensure the scooter is powered off before mounting.
2. Adjust the seat to a comfortable position (15"-18.9" adjust range).
3. Insert the key and turn to the 'ON' position.
4. Select your desired speed gear using the speed adjust dial.
5. Gently twist the throttle on the right handle to begin moving.
6. Use the brake levers to slow down or stop.
7. Utilize turn signals when changing direction and the horn when necessary.

4.3 Storage and Safety Features



Figure 3: Rear Trunk, Anti-Tipper Wheels, and LED Lighting

- **Rear Trunk:** The scooter includes a rear trunk for storage, which can be opened with a physical key.
- **Anti-Tipping Rollers:** Located at the tail of the scooter, these rollers provide additional stability and prevent tipping, especially on inclines or uneven surfaces.
- **Full Lighting System:** Equipped with front headlights (adjustable high/low beam), rear lights (synchronized with rear brake), and turn signals for visibility and safety.

5. BATTERY AND CHARGING

5.1 Battery Specifications

The SKRT XW-E08 is powered by a 48V/20Ah lead-acid battery (4-piece pack). A full charge provides approximately 25 miles of travel distance or 90 minutes of riding time, depending on terrain and speed.

5.2 Charging Procedure

1. Ensure the scooter is turned off before connecting the charger.
2. Locate the charging port on the scooter.

3. Connect the charger to the scooter's charging port.
4. Plug the charger into a standard electrical outlet.
5. The charging time is typically 6-7 hours for a full charge.
6. Disconnect the charger once charging is complete.

5.3 Battery Care

- Avoid completely draining the battery before recharging.
- Store the scooter in a cool, dry place when not in use.
- If storing for an extended period, charge the battery fully and then recharge every 1-2 months to maintain battery health.

6. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your scooter.

- **Cleaning:** Wipe down the scooter with a damp cloth. Avoid using high-pressure water jets directly on electrical components.
- **Tires:** Regularly check tire pressure and for any signs of wear or damage. Front tire size: 3.00-8, Rear tire size: 3.00-10.
- **Brakes:** Periodically inspect brake pads and cables for wear and proper function. Adjust as needed.
- **Fasteners:** Check all nuts, bolts, and fasteners regularly to ensure they are tight.
- **Electrical Connections:** Ensure all electrical connections are secure and free from corrosion.

7. TROUBLESHOOTING

This section addresses common issues you might encounter with your SKRT XW-E08 Mobility Scooter.

7.1 Battery Not Charging

If the battery is not charging, or the charger light blinks:

- **Check Connections:** Ensure the charger is securely plugged into both the scooter and the wall outlet.
- **Power Outlet:** Verify the wall outlet is functional by plugging in another device.
- **Charger Indicator:** A blinking light on the charger may indicate a fault with the charger itself or the battery.
- **Battery Location:** The battery pack is typically located under the seat or within the main body of the scooter. Access may require removing a panel. If you are unable to locate or access the battery, please contact customer support.
- **Contact Support:** If the issue persists after checking connections and power, the charger or battery may require replacement. Contact SKRT customer support for assistance.

7.2 Scooter Not Powering On

- Ensure the key is fully inserted and turned to the 'ON' position.
- Check the battery charge level on the monitor screen. If low, charge the battery.
- Verify all electrical connections are secure.

7.3 Reduced Range or Speed

- Ensure the battery is fully charged.
- Check tire pressure; underinflated tires can reduce efficiency.
- Consider the terrain and load; steep inclines and heavy loads will reduce range and speed.
- Battery degradation over time is normal. If significant reduction occurs, the battery may need replacement.

8. SPECIFICATIONS



Figure 4: Key Performance Specifications

Feature	Specification
Model	XW-E08
Motor	500W 48V Brushless
Max Speed	15 mph (High-speed gear)
Speed Gears	High: 15mph, Mid: 11mph, Low: 7.5mph

Feature	Specification
Battery	48V/20Ah Lead-Acid (4pc pack)
Charging Time	6-7 hours
Long-Distance Range	25 miles per charge
Riding Time	90 minutes
Max Weight Capacity	400 LBS
Max Climbing Degree	9°
Frame Material	Alloy Steel
Net Weight	250 lbs
Overall Size (H*L*W)	47.6" x 66.9" x 26.4"
Seat Size	19.2" x 17.5"
Seat Height	25.98" (Adjustable 15"-18.9")
Front Tyre Size	3.00-8
Rear Tyre Size	3.00-10
Brake Style	Disc
Storage	Rear Trunk

9. WARRANTY AND SUPPORT

9.1 Warranty Information

SKRT provides the following limited warranty for the XW-E08 Mobility Scooter:

- **Frame:** Lifetime warranty
- **Battery and Motor:** 12-month warranty
- **Electronic Components:** 6-month warranty
- Other parts may have limited warranty.

Please note that if the mobility scooter is ridden or used, returns for refund may be subject to restocking fees.

9.2 Customer Support

For any questions, technical assistance, or warranty claims, please contact SKRT customer support. Our support team is located in California, USA, and is ready to assist you.

When contacting support, please have your model number (XW-E08) and purchase information readily available.

10. PRODUCT VIDEO

Your browser does not support the video tag.

Video: An official product video showcasing the SKRT XW-E08 mobility scooter in use, highlighting its features and ease of operation in various outdoor settings.

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