



Manuals.plus /

- › **Mankeel** /
- › Mankeel MX-14 Electric Scooter User Manual

Mankeel MX-14

Mankeel MX-14 Electric Scooter User Manual

Model: MX-14 | Brand: Mankeel

Electric Scooter with 10" Air-Filled Off-Road Tires, 800W Motor, 28Mph Top Speed, Max 31 Miles Long Range, Dual Braking System

1. INTRODUCTION

This user manual provides essential information for the safe operation, maintenance, and troubleshooting of your Mankeel MX-14 Electric Scooter. Please read this manual thoroughly before your first ride to ensure optimal performance and safety.



Figure 1: Mankeel MX-14 Electric Scooter (Upright and Folded)

2. SAFETY INFORMATION

Your safety is paramount. Always wear a helmet and appropriate protective gear when riding. Adhere to local traffic laws and regulations. This scooter is designed for adults and has a maximum weight limit of 150 kg (330 lbs).

- **Braking System:** The scooter is equipped with advanced front and rear disc brakes for reliable stopping power. Always test brakes before riding.
- **Visibility:** LED headlights, taillights, and side turn signals are integrated for enhanced visibility, especially during low-light conditions. Ensure all lights are functional before each ride.
- **Tires:** The 10-inch air-filled off-road tires provide good shock absorption and traction. Regularly check tire pressure and condition.
- **Environment:** Avoid riding in heavy rain, snow, or on extremely slippery surfaces.



Figure 2: Integrated LED Lighting System for enhanced safety.

3. SETUP AND INITIAL PREPARATION

3.1 Unfolding the Scooter

The Mankeel MX-14 features a portable folding design for easy transport and storage. To unfold, release the latch mechanism and carefully raise the handlebar stem until it locks securely into place. Ensure all locking mechanisms are engaged before riding.

Portable Folding Design

Flip - Fold - Latch



Figure 3: Quick folding mechanism for portability.

3.2 Initial Charging

Before first use, fully charge the scooter's 48V/15Ah lithium battery. A full charge typically takes approximately 7 hours. Use only the provided charger.



Figure 4: Battery specifications and charging time.

4. OPERATING INSTRUCTIONS

4.1 Power On/Off and Display

Press the power button on the LED Smart Display to turn the scooter on or off. The display shows battery level, current gear setting, and speed.

LED Smart Display



Figure 5: LED Smart Display with key indicators.

4.2 Speed Modes and Throttle

The scooter offers 3 gear settings:

- **Limited Mode:** 6.2mph, 9.3mph, 15.5mph
- **Unlimited Mode:** 9.3mph, 18.6mph, 28mph (Max Speed)

Use the throttle to accelerate. The 800W motor provides powerful performance, allowing for speeds up to 28 MPH and a climbing angle of 20%.



Figure 6: Powerful 800W Motor for high performance.

4.3 Cruise Control

Activate cruise control to maintain a constant speed without continuously pressing the accelerator. Refer to the display controls for activation and deactivation.

4.4 Removing Speed Limit (MX-014 Model)

For the MX-014 model, the speed limit can be removed to access the full potential of the scooter. Follow these steps:

1. Press and hold the left brake lever.
2. While holding the brake, start the scooter.
3. Short press the throttle 5 times.
4. Long press the throttle for about 4-5 seconds again.

The mode change will be successful, allowing for higher speeds.

Your browser does not support the video tag.

Video 1: Instructions on how to remove the speed limit on the Mankeel MX-014 Electric Scooter.

5. MAINTENANCE

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

- **Battery Care:** Charge the battery regularly, even if not in use, to maintain its health. Avoid fully draining the battery.
- **Tire Maintenance:** Check tire pressure before each ride. The 10-inch air-filled tires require proper inflation for optimal performance and safety. Inspect for wear and tear.
- **Brake System:** Periodically check the front and rear disc brakes for proper function and wear. Adjust or replace brake pads as needed.
- **Cleaning:** Clean the scooter with a damp cloth. Avoid using high-pressure water jets directly on electronic components.
- **Storage:** Store the scooter in a cool, dry place away from direct sunlight and extreme temperatures.

6. TROUBLESHOOTING

This section addresses common issues you might encounter with your Mankeel Electric Scooter.

| Problem | Possible Cause | Solution |
|------------------------|---|--|
| Scooter not turning on | Low battery; loose connections; power button issue. | Charge the battery; check all cable connections; contact support if issue persists. |
| Reduced speed/range | Low battery; speed limit active; tire pressure low; heavy load. | Fully charge battery; follow instructions to remove speed limit (Section 4.4); inflate tires to recommended pressure; reduce load. |
| Brakes not effective | Worn brake pads; loose brake cable; disc misalignment. | Inspect and adjust brake components; replace worn parts; seek professional assistance if unsure. |
| Display not working | Loose connection; display damage. | Check connections to the display; contact customer support for replacement if damaged. |

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

7. SPECIFICATIONS

| Feature | Detail |
|------------------------------|--|
| Brand | Mankeel |
| Model Name | electric scooter (MX-14) |
| Motor Power | 800W |
| Battery | 48V/15Ah Lithium Battery |
| Max Speed | 28 MPH (45 km/h) |
| Max Range | 31 Miles (50 km) |
| Charging Time | 7 Hours |
| Wheel Size | 10 Inches |
| Wheel Type | Air-Filled Off-Road Tires |
| Brake Style | Front and Rear Disc Brakes |
| Frame Material | Aluminum |
| Weight Limit | 150 Kilograms (330 lbs) |
| Climbing Angle | 20% |
| Special Features | Digital Display, Dual Braking System, Cruise Control, Foldable |
| Unfolding Dimensions (LxWxH) | 47.6 x 21 x 49 inches |
| Folding Dimensions (LxWxH) | 47.6 x 21 x 23.6 inches |

| Product name 10 inch off road electric scooter | | | |
|--|---|-------------------|---|
| Net weight | 24kg | Display | Led |
| Gross weight | 26kg | Shock absorption | Front & rear dual absorber |
| Gear | Speed limit lifted:15 30 45 Not lifted:10 15 25 | Motor drive | Rear drive |
| Frame material | Aluminium alloy | Waterproof grade | IP54 |
| Tyre | 10 Inch Air-filled off-road tires | Charging time | 4-8 hours |
| Range | 40-60km | Headlight | Led highlight headlamp LED Light /Left and |
| Maximum speed | 45km/h | | |
| Power | 48V 800W | Taillight | Right turnsignals/Brake warning light |
| Brake | Front and rear disc brakes | Applicable height | 120-200cm |
| Climbing angle | 20° | Color | Black red |
| Battery capacity | 48V 15Ah | Packing size | 119*25*51CM |
| Maximum load | 150kg | | |

Figure 7: Detailed product specifications.

8. WARRANTY AND SUPPORT

The Mankeel MX-14 Electric Scooter comes with a **1-year warranty for parts of accessories**. For warranty claims, technical support, or any inquiries, please contact the seller directly.

Seller: MANKEEL-OFFICIAL

For further assistance, you may visit the Mankeel Store on Amazon.

