Moderno Kids Street Racer

Moderno Kids Street Racer 12V Electric Ride-On Motorcycle Bike Instruction Manual

Model: Street Racer

1. Important Safety Information

A parent's decision to allow his or her child to operate ride-on toys should be based on the child's maturity, skill, and ability to follow rules. Children should not be left unattended while operating ride-on toys. To avoid injuries, parental supervision is required at all times. Protective gear must be used while operating motorcycles, scooters, bicycles, and self-balancing boards.

Always ensure the child is wearing appropriate safety equipment, including a helmet, knee pads, and elbow pads, when operating the Street Racer motorcycle.

2. Product Features

The Moderno Kids Street Racer is designed with several features for an engaging and safe riding experience:

- Suitable for children 37-60 months old (under adult supervision) with a maximum rider weight of 66 lb.
- Equipped with 2 powerful motors, offering 2 forward speeds (High/Low) and 1 reverse speed, with a maximum speed of 2-5 Mph.
- Features a soft start and electric brake system for gradual acceleration and reliable braking.
- Includes a soft PU leather seat and rear spring shock suspension for a comfortable ride.
- Zero-maintenance soft EVA foam rubber tires with integrated LED lights provide good traction and a quiet ride.
- Integrated MP3 music player with Bluetooth FM radio, capable of playing files from a Micro SD card, USB flash drive, or external devices like iPod, iPad, iPhone, or Android phones.
- Smart battery charging technology automatically controls battery charge and prevents overcharging.
- Assembled Dimensions: Length - 40", Height - 25", Width - 18" (With Mirrors).



Figure 1: Overview of the Moderno Kids Street Racer Electric Motorcycle.

3. Setup and Assembly

The Moderno Kids Street Racer requires partial assembly. Please follow the included assembly instructions carefully. The estimated assembly time is approximately 20 minutes.

3.1 Battery Connection and Initial Charge

1. Upon unboxing, locate the battery compartment. The battery may be disconnected for shipping safety.
2. Connect the battery terminals securely according to the diagrams in the separate assembly guide.
3. Before first use, fully charge the battery for 6-8 hours using the provided smart charger. The smart charging technology prevents overcharging.
4. Ensure the charger is connected to a standard wall outlet and the charging port on the motorcycle.

Do not operate the motorcycle until the battery has been fully charged for the first time.

4. Operating Instructions

4.1 Controls Overview



Figure 2: Dashboard and control panel.

The dashboard features an integrated MP3 player, speed controls, and light switches.

4.2 Starting and Driving

1. **Power On:** Press the main power button located on the dashboard. The digital battery voltage meter will display the current battery level.
2. **Select Speed:** Use the High/Low speed switch to select the desired driving speed. The motorcycle also has a Forward/Reverse switch.
3. **Acceleration:** Press the foot pedal to engage the motor. The soft start system ensures gradual acceleration.
4. **Braking:** Release the foot pedal to activate the electric brake system for reliable stopping.
5. **Lights:** Use the LED Lights On/Off switch to control the headlights, tail lights, and wheel lights.
6. **Sound:** Press the horn and music sound buttons on the steering wheel for audio effects.

4.3 Media Player Operation

- **USB/SD Card:** Insert a USB flash drive or Micro SD card into the designated slot on the MP3 player panel to play audio files.
- **AUX Input:** Connect an external device (e.g., iPod, iPad, iPhone, Android phone) via the AUX MP3 audio input.
- **Bluetooth FM Radio:** Activate the Bluetooth function on the media player and pair with a compatible device to stream audio wirelessly.

The typical riding time on a full charge is up to 1.5 hours, depending on riding conditions and usage.

5. Maintenance

5.1 General Care

- Regularly wipe down the motorcycle with a soft, damp cloth to keep it clean. Avoid using harsh chemicals or abrasive cleaners.
- Store the motorcycle in a dry, covered area away from direct sunlight and moisture when not in use.
- Periodically check all screws and fasteners to ensure they are tight.

5.2 Battery Care

- Always recharge the battery after each use, even if only for a short period.
- If the motorcycle will not be used for an extended period, charge the battery fully once a month to prolong its lifespan.
- The smart charging technology prevents overcharging, so it is safe to leave the charger connected for the recommended duration.
- Only use the charger provided by Moderno Kids for this product.

5.3 Tires

The Street Racer is equipped with zero-maintenance soft EVA foam rubber tires. These tires do not require inflation or specific pressure checks.

6. Troubleshooting

Problem	Possible Cause	Solution
Motorcycle does not start or move.	Battery is not connected. Battery is discharged. Power switch is off. Loose wiring connection.	Ensure battery terminals are securely connected. Charge the battery for 6-8 hours. Turn the power switch to the ON position. Check all visible wiring connections for tightness.
Short riding time.	Battery not fully charged. Battery is old or damaged. Heavy load or rough terrain.	Ensure battery is charged for the full 6-8 hours. Contact Moderno Kids support for battery replacement options. Operate on smoother surfaces and avoid excessive weight.
Motorcycle runs slowly.	Low battery charge. Operating on an incline or rough surface. Overloaded.	Recharge the battery. Operate on flat, smooth surfaces. Ensure rider weight is within the 66 lb limit.

7. Specifications

Feature	Detail
Product Dimensions	40 x 18 x 25 inches (Length x Width x Height)
Item Weight	32 pounds

Feature	Detail
Recommended Age	3 - 5 years (under adult supervision)
Maximum Rider Weight	66 lb
Battery Type	12V SLA Battery (included)
Motors	Dual 12V Motors
Maximum Speed	2-5 Mph
Charging Time	6 - 8 Hours
Riding Time	Up to 1.5 Hours (depending on conditions)
Tire Type	Soft EVA Foam Rubber Tires



Figure 3: Product dimensions.

8. Warranty and Support

Moderno Kids products are designed for quality and durability. For specific warranty details regarding your Street Racer motorcycle, please refer to the warranty card included with your purchase or contact Moderno Kids customer support directly.

If you encounter any issues or require assistance, please contact Moderno Kids customer service. They are available to help with troubleshooting, parts, and warranty claims. Please note that shipping fees for warranty claims may apply.

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