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› BLAZEGO EM10 Electric Dirt Bike User Manual

BLAZEGO EM10

BLAZEGO EM10 Electric Dirt Bike User Manual

Model: EM10

1. IMPORTANT SAFETY INFORMATION

Before operating the BLAZEGO EM10 Electric Dirt Bike, please read and understand all safety instructions. Failure to follow these instructions may result in serious injury or property damage.

- Always wear appropriate safety gear, including a helmet, gloves, and protective clothing.
- Ensure all components, including brakes, wheels, and safety devices, are properly installed and functioning before each ride.
- Verify local regulations regarding age, license, and usage requirements to ensure full compliance.
- Riders under the age of 18 must be supervised by an adult and follow all applicable local safety and operating rules.
- Do not operate the bike under the influence of alcohol or drugs.
- Avoid riding in adverse weather conditions, such as heavy rain, snow, or ice.
- Maintain a safe distance from other vehicles and pedestrians.

Extremely Strong Power **Mid-drive** Motor



30°

Uphill Climb



3500W

Peak Power



35MPH

Top Speed

Figure 1.1: The BLAZEGO EM10 Electric Dirt Bike. Always inspect the bike before riding.

2. PRODUCT OVERVIEW

The BLAZEGO EM10 is an electric dirt bike designed for teens and adults, featuring a powerful motor, long-lasting battery, and robust safety features.

Key Features:

- **Motor:** 3500W Peak Mid-Drive Motor
- **Battery:** 48V 20.8AH Lithium-ion Battery
- **Max Speed:** Up to 35 MPH
- **Max Range:** Up to 37 Miles
- **Brakes:** Dual Hydraulic Disc Brakes with EABS System
- **Suspension:** Dual Suspension (Front and Rear)

- **Water Resistance:** IPX4 (resistant to splashes)
- **Display:** Extra-Large Center-Mounted LCD Panel
- **Speed Modes:** Three adjustable speed modes (16/22/32 MPH)

Safe & Smart **48V 20.8Ah** High-capacity Lithium-ion Battery



6H

Charge Time



IPX4

Waterproof



37MILES

Max Range

Figure 2.1: The powerful 3500W peak mid-drive motor provides strong acceleration and a top speed of 35 MPH.

Product Information

Easy handling for any streets, stable confidence



3.9Ft-5.9Ft
Height Limit



265 LBS
Max Load



99 LBS
Net Weight



Figure 2.2: The 48V 20.8AH battery offers an extended range of up to 37 miles and is IPX4 water-resistant.

Your browser does not support the video tag.

Video 2.1: A detailed product display of the BLAZEGERO EM10 Electric Dirt Bike, showcasing its design and features.

3. SETUP AND ASSEMBLY

The BLAZEGERO EM10 Electric Dirt Bike arrives 90% pre-assembled. The remaining assembly steps are straightforward and require no special experience.

3.1 Unpacking

Carefully remove the bike from its reinforced iron frame packaging. Inspect all components for any signs of damage during transit. Ensure all included tools and the instruction manual are present.

3.2 Assembly Steps

Follow these steps to complete the assembly:

1. **Attach the Handlebars:** Securely fasten the handlebars to the stem using the provided bolts and tools. Ensure they are centered and tightened to the recommended torque.
2. **Install the Front Wheel:** Mount the front wheel into the fork. Ensure the brake rotor aligns correctly with the caliper and the axle is securely tightened.
3. **Connect the Rear Shock:** If not already connected, attach the rear shock absorber according to the diagrams in the included manual.
4. **Final Checks:** Before riding, double-check all bolts, connections, and tire pressure.



Figure 3.1: The EM10 Electric Dirt Bike after assembly. Ensure all parts are securely fastened.

4. OPERATION

This section details how to operate your BLAZEGO EM10 Electric Dirt Bike safely and efficiently.

4.1 Charging the Battery

Connect the charger to the bike's charging port and then to a standard power outlet. The battery takes approximately 6-8 hours to fully charge. Do not overcharge the battery.

4.2 Powering On/Off

To power on the bike, press and hold the power button on the LCD display. To power off, repeat the process.

4.3 Speed Modes

The EM10 features three adjustable speed modes to suit different skill levels and terrains:

- **Mode 1:** Approximately 16 MPH
- **Mode 2:** Approximately 22 MPH
- **Mode 3:** Approximately 32 MPH

Adjust the speed mode using the controls on the handlebars.

4.4 LCD Display Functions

The extra-large center-mounted LCD panel provides essential riding information:

- Current Speed
- Battery Status
- Selected Ride Mode
- Mileage



Figure 4.1: The clear LCD display provides real-time riding data.

4.5 Braking System

The EM10 is equipped with dual hydraulic disc brakes (front and rear) and an Electronic Anti-lock Braking System (EABS) for superior stopping power and control. Apply both brakes smoothly for effective deceleration.

Off Road Fat Tire

14"/12" All Terrain Tire



Forest Road



Muddy Trails



Mountain Road



Gravel Road



Figure 4.2: Dual hydraulic disc brakes provide reliable and stable stopping power.

4.6 Headlight and Horn

The integrated ultra-bright headlight enhances visibility during low-light conditions. Use the horn to alert others to your presence. Both are controlled via switches on the handlebars.



Figure 4.3: The bright headlight ensures safe riding at night.

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Video 4.1: A rider demonstrating the BLAZEGO EM10 Electric Dirt Bike in action on various terrains.

5. MAINTENANCE

Regular maintenance ensures the longevity and safe operation of your EM10 Electric Dirt Bike.

- **Battery Care:** Charge the battery regularly, even when not in use, to maintain its health. Store the bike and battery in a cool, dry place.
- **Tire Pressure:** Check tire pressure before each ride. Refer to the tire sidewall for recommended PSI.
- **Brake Inspection:** Regularly inspect brake pads and rotors for wear. Ensure brake levers operate smoothly and provide adequate stopping power.
- **Cleaning:** Clean the bike with a damp cloth. Avoid using high-pressure washers directly on electrical components.
- **Fastener Checks:** Periodically check and tighten all bolts and fasteners, especially after off-road riding.

Night Riding Made Safe

Powered by Ultra-Bright Headlights



Figure 5.1: The 14-inch/12-inch all-terrain tires require regular pressure checks and inspection for wear.

6. TROUBLESHOOTING

This section provides solutions for common issues you might encounter.

Problem	Possible Cause	Solution
Bike does not power on	Low or depleted battery; loose battery connection	Charge the battery; check battery connections.
Motor not engaging	Speed mode not selected; brake lever engaged	Ensure a speed mode is selected on the LCD; release brake levers completely.

Problem	Possible Cause	Solution
Reduced range	Under-inflated tires; heavy load; riding uphill frequently	Check and inflate tires to recommended PSI; reduce load; adjust riding style.
Brakes feel spongy	Air in hydraulic lines; worn brake pads	Consult a qualified technician for brake bleeding; replace worn brake pads.

7. SPECIFICATIONS

Detailed technical specifications for the BLAZEGO EM10 Electric Dirt Bike.

Specification	Detail
Model Name	EM10
Bike Type	Electric Dirt Bike
Age Range	Adults and Teens
Motor	3500W Peak Mid-Drive Motor
Battery	48V 20.8AH Lithium-ion (998.4 Wh)
Max Speed	35 MPH
Max Range	37 Miles
Charge Time	6-8 hours
Number of Speeds	3 (16/22/32 MPH)
Brake Style	Dual Hydraulic Disc Brakes with EABS
Suspension Type	Dual Suspension
Frame Material	Aluminum
Wheel Size	14 inches
Tire Material	Rubber
Item Weight	99 pounds
Maximum Weight Recommendation	265 pounds
Minimum User Height	3.9 feet
Water Resistance	IPX4
Included Components	Complete vehicle, accessories, charger, instruction manual

Dual Hydraulic Disc Brakes

Smooth suspension for stable safe riding



Figure 7.1: EM10 Electric Dirt Bike dimensions and rider height reference.



8. WARRANTY AND SUPPORT

8.1 Warranty Information

The BLAZEGO EM10 Electric Dirt Bike comes with a **180-day manufacturer's warranty**. This warranty covers defects in materials and workmanship under normal use. Please retain your proof of purchase for warranty claims.

8.2 Customer Support

For technical assistance, warranty claims, or any questions regarding your EM10 Electric Dirt Bike, please contact BLAZEGO customer support. Refer to the contact information provided with your purchase or visit the official BLAZEGO website.

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