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EVERCROSS E6

EVERCROSS E6 Electric Scooter User Manual

Model: E6

1. Introduction

Thank you for choosing the EVERCROSS E6 Electric Scooter. This manual provides essential information for the safe operation, maintenance, and troubleshooting of your scooter. Please read it thoroughly before first use and keep it for future reference.
The EVERCROSS E6 is a portable 7-inch electric scooter designed for children aged 6-12 years, offering a range of up to 15 KM and featuring 7-color lights and 3 speed modes for an enjoyable and safe riding experience.

2. Safety Information

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

- Always wear a helmet and appropriate protective gear (knee pads, elbow pads) when riding the scooter.
- Ensure the scooter is in good working condition before each ride. Check brakes, tires, and all connections.
- The EVERCROSS E6 features a **non-zero start** mechanism. To activate the motor, the rider must kick off and reach a speed of at least 5 KM/H (3.1 MPH). This prevents accidental acceleration from a standstill.
- Do not ride in wet conditions, on uneven surfaces, or in heavy traffic.
- Supervise children at all times while they are operating the scooter.
- Adhere to local traffic laws and regulations regarding electric scooters.
- Do not exceed the maximum weight capacity of 60 kg (132 lbs).

3. Product Overview and Components

Familiarize yourself with the main parts of your EVERCROSS E6 Electric Scooter.



Figure 3.1: The EVERCROSS E6 Electric Scooter, showcasing its sleek design and vibrant blue accents.



Figure 3.2: Handlebar with integrated LED display showing speed modes (E, N, S) and battery level. The brake lever is on the left, and the accelerator is on the right. The handles are removable.



Figure 3.3: The scooter features an integrated Bluetooth music speaker, allowing for audio playback during rides. A smartphone is shown connecting via Bluetooth.



Figure 3.4: The scooter's deck features dynamic 7-color breathing lights with 4 light modes, enhancing visibility and style.



Figure 3.5: The EVERCROSS E6 is equipped with both an electric brake on the handlebar and a traditional foot brake on the rear wheel for dual braking safety.

Key Components:

- **Handlebar:** For steering and control.
- **LED Display:** Shows current speed, battery level, and speed mode.
- **Accelerator:** Thumb lever on the right handlebar to control speed.
- **Electric Brake Lever:** On the left handlebar for primary braking.
- **Foot Brake:** Located above the rear wheel for additional braking.
- **Deck:** Standing platform with integrated LED lights.
- **Wheels:** 7-inch synthetic rubber wheels.
- **Kickstand:** For parking the scooter.
- **Charging Port:** For connecting the charger.
- **Bluetooth Speaker:** Integrated for audio playback.

4. Setup

The EVERCROSS E6 Electric Scooter comes largely pre-assembled. Follow these steps for initial setup:

1. **Unboxing:** Carefully remove all components from the packaging. Retain packaging for future storage or transport.
2. **Handlebar Installation:** Insert the handlebar stem into the main body of the scooter until it clicks securely into place. Ensure all cables are properly routed and not pinched.
3. **Initial Charge:** Before first use, fully charge the scooter's battery. Connect the charger to the charging port and plug it into a standard power outlet. The indicator light on the charger will change when fully charged (refer to charger instructions for specific light indications).
4. **Safety Check:** Perform a quick safety check:
    - Ensure the handlebar is firmly attached.
    - Check that both the electric brake and foot brake are functioning correctly.

- Verify tire pressure (if applicable, though these are solid tires).
- Confirm all screws and fasteners are tight.

5. Operating Instructions

5.1 Power On/Off

- To turn on the scooter, press and hold the power button on the LED display until the screen illuminates.
- To turn off the scooter, press and hold the power button again until the display turns off.

5.2 Non-Zero Start Mechanism

For safety, the EVERCROSS E6 uses a non-zero start system. The motor will not engage from a standstill. To start riding:

1. Place one foot on the scooter deck.
2. Use your other foot to push off the ground, similar to a traditional kick scooter.
3. Once the scooter reaches approximately 5 KM/H (3.1 MPH), gently press the accelerator lever on the right handlebar to engage the motor.

5.3 Speed Modes

The scooter offers three adjustable speed modes:

- **E (Economic) Mode:** Maximum speed of 8 KM/H (5 MPH). Ideal for beginners or crowded areas.
- **N (Normal) Mode:** Maximum speed of 12 KM/H (7.5 MPH). Suitable for general riding.
- **S (Sport) Mode:** Maximum speed of 16 KM/H (10 MPH). For experienced riders and open spaces.

To switch between speed modes, short press the power button while the scooter is on. The current mode will be displayed on the LED screen.

5.4 Braking

The EVERCROSS E6 is equipped with two braking systems:

- **Electric Brake:** Pull the brake lever on the left handlebar to engage the electric brake.
- **Foot Brake:** Press down on the fender above the rear wheel with your foot to engage the mechanical foot brake.

Always apply brakes smoothly to avoid sudden stops or loss of control.

5.5 Lights and Bluetooth Speaker

- **Breathing Lights:** The 7-color breathing lights on the deck automatically activate when the scooter is powered on. There are 4 light modes; refer to the specific button on the handlebar (if any, otherwise it's automatic or controlled via the main power button).
- **Bluetooth Speaker:** To connect to the integrated speaker, ensure the scooter is on. Enable Bluetooth on your mobile device and search for "EVERCROSS E6" (or similar name). Pair with the device. You can now play music through the scooter's speaker.

6. Maintenance

Regular maintenance ensures the longevity and safe operation of your scooter.

- **Cleaning:** Wipe the scooter with a damp cloth after use. Do not use high-pressure water or immerse the scooter in water.
- **Charging:** Always use the original charger provided. Do not overcharge the battery. Unplug the charger once the battery is full.
- **Storage:** Store the scooter in a cool, dry place away from direct sunlight and extreme temperatures. If storing for extended periods, charge the battery to about 50-70% every 2-3 months to maintain battery health.
- **Brake Check:** Regularly check the effectiveness of both the electric and foot brakes. Adjust if necessary (consult a professional if unsure).
- **Fasteners:** Periodically check all screws and bolts to ensure they are tight.

7. Troubleshooting

Here are some common issues and their potential solutions:

Problem	Possible Cause	Solution
Scooter does not turn on.	Low battery; Power button not pressed correctly.	Charge the battery fully; Press and hold the power button firmly.
Motor does not engage.	Non-zero start not initiated; Low battery; Accelerator issue.	Kick off to at least 5 KM/H before pressing accelerator; Charge battery; Check accelerator connection.
Short battery life/range.	Undercharged battery; Riding uphill frequently; Heavy load; Cold weather.	Ensure full charge; Avoid steep inclines; Reduce load; Battery performance may decrease in cold.
Brakes are not effective.	Brake cable loose; Worn brake pads (foot brake).	Check and tighten brake cable; Inspect and replace worn brake pads. Consult a professional if needed.
Bluetooth speaker not connecting.	Scooter not in pairing mode; Bluetooth off on device; Interference.	Ensure scooter is on; Turn Bluetooth off/on on device; Move closer to scooter.

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

8. Specifications

Feature	Detail
Brand	EVERCROSS

Feature	Detail
Model Number	E6
Age Range	6-12 Years (Child)
Maximum Speed	16 KM/H (10 MPH)
Maximum Range	10-15 KM (6.2-9.3 Miles)
Motor Power	150W
Battery	21.6 V / 5.2 Ah
Maximum Weight Capacity	60 Kilograms (132 lbs)
Wheel Size	7 Inches
Brake Type	Rear Braking (Electric and Foot Brake)
Frame Material	Alloy Steel
Wheel Material	Synthetic Rubber
Product Dimensions (L x W x H)	84 x 14.5 x 92 cm (33.1 x 5.7 x 36.2 inches)
Net Weight	8.56 Kilograms (18.87 lbs)
Special Features	Rechargeable, 7-Color Breathing Lights, Integrated Bluetooth Speaker, 3 Speed Modes, Non-Zero Start

9. Warranty and Support

The product comes with a return policy allowing for refund or replacement within 30 days of purchase. For any product-related inquiries, technical support, or warranty claims beyond the initial return period, please contact the seller, BTR EU, directly through the Amazon platform.
For general information or to visit the brand's store, you can find more details on the EVERCROSS Brand Store.

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