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› EVERCROSS Hoverboard and Seat Attachment User Manual

EVERCROSS HY-A21

EVERCROSS Hoverboard and Seat Attachment User Manual

Brand: EVERCROSS | Model: HY-A21

1. PRODUCT OVERVIEW

The EVERCROSS Hoverboard is a self-balancing scooter designed for both adults and kids, offering an exciting and stable riding experience. Equipped with powerful dual motors and a high-end battery, it provides a cruising range of up to 10 miles and speeds up to 10 MPH. This model includes a versatile seat attachment, transforming your hoverboard into a fun go-kart.

Key features include dynamic LED lights, a built-in Bluetooth speaker for music playback, and an advanced self-balance system ensuring ease of use and safety. The hoverboard is constructed with high-quality ABS polymer, 6.5-inch solid tires, and non-slip pedals, incorporating integrated battery overload protection and engine safety control for maximum durability and user safety.



Figure 1.1: EVERCROSS Hoverboard with included Seat Attachment.



powerful
dual moter



Thick wide tires



shock
absorption



Intelligent self-balancing
technology



Dazzle colour lamp



Weightless power
off protection



upgraded
motherboard



Long lasting life

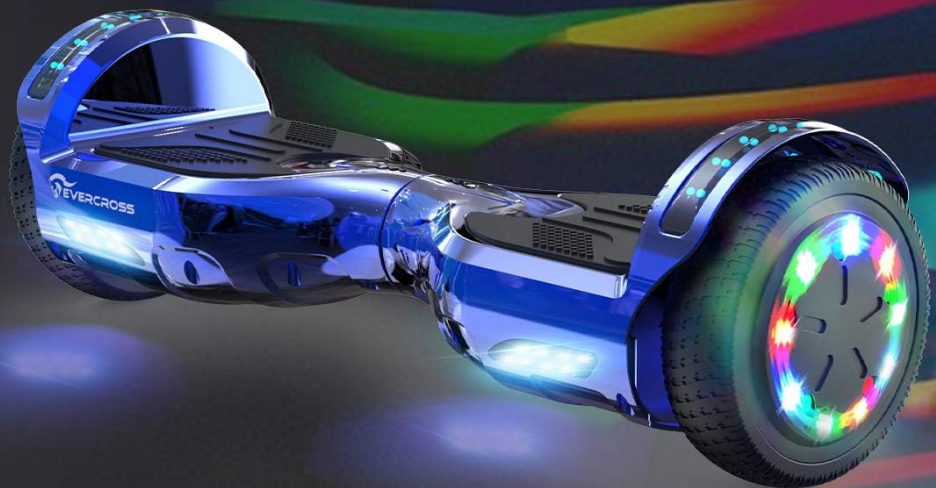
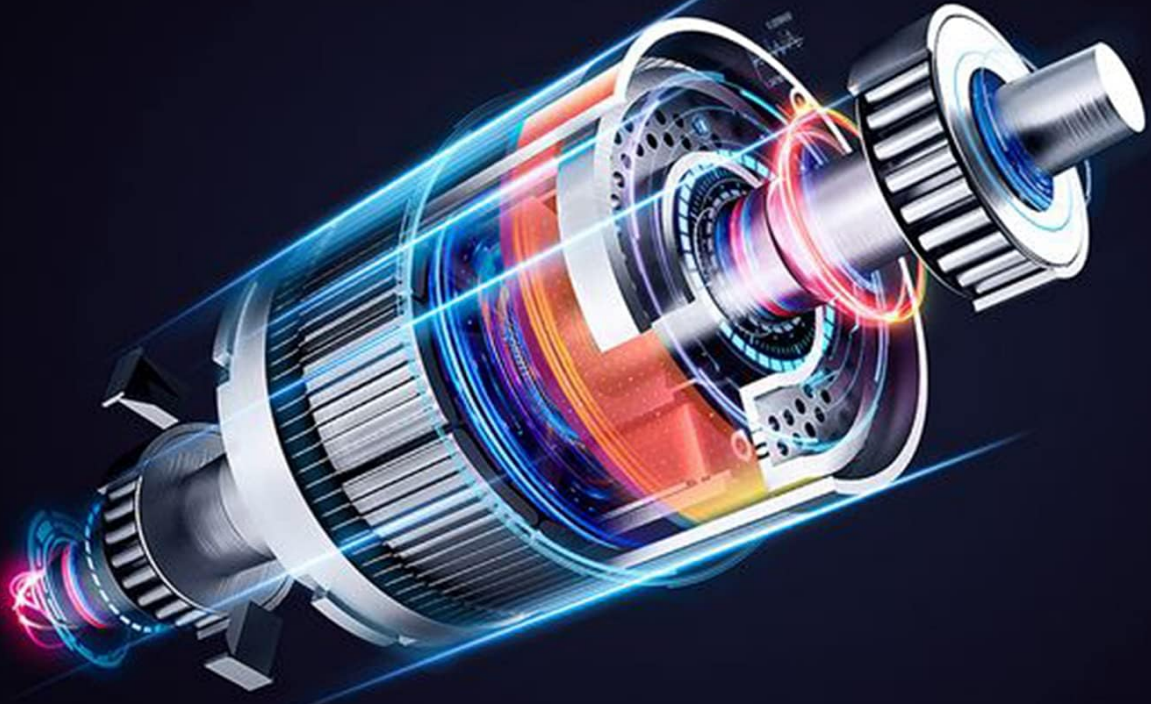


Figure 1.2: Overview of the hoverboard's core features including powerful dual motors, thick wide tires, shock absorption, intelligent self-balancing technology, dazzle color lamps, weightless power off protection, upgraded motherboard, and long-lasting battery life.

SUPER POWER ENGINE



max speed
15KM/H



gradeability
<15°



360 ° rotating



low voice

Figure 1.3: Details on the hoverboard's super power engine, highlighting its max speed of 15 KM/H, gradeability of less than 15 degrees, 360-degree rotating capability, and low noise operation.



Figure 1.4: The hoverboard features a built-in surround sound system with Bluetooth connectivity, allowing users to enjoy music while riding.

Product Overview Video

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Video 1.1: A 360-degree full view of the EVERCROSS XP10 hoverboard, showcasing its design and features from all angles.

2. SETUP AND ASSEMBLY (SEAT ATTACHMENT)

This section provides detailed instructions for assembling your EVERCROSS Hoverboard Seat Attachment. Please follow these steps carefully to ensure proper and safe setup.

Assembly Instruction Video

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Video 2.1: Comprehensive assembly guide for the EVERCROSS hoverboard seat attachment. This video demonstrates each step from unboxing to final assembly.

Step-by-Step Assembly:

1. **Unpack Components:** Carefully open the packaging box and remove all components. Lay them out to ensure all parts are present, including the kart frame, seat, flag, and various screws, nuts, and tools.

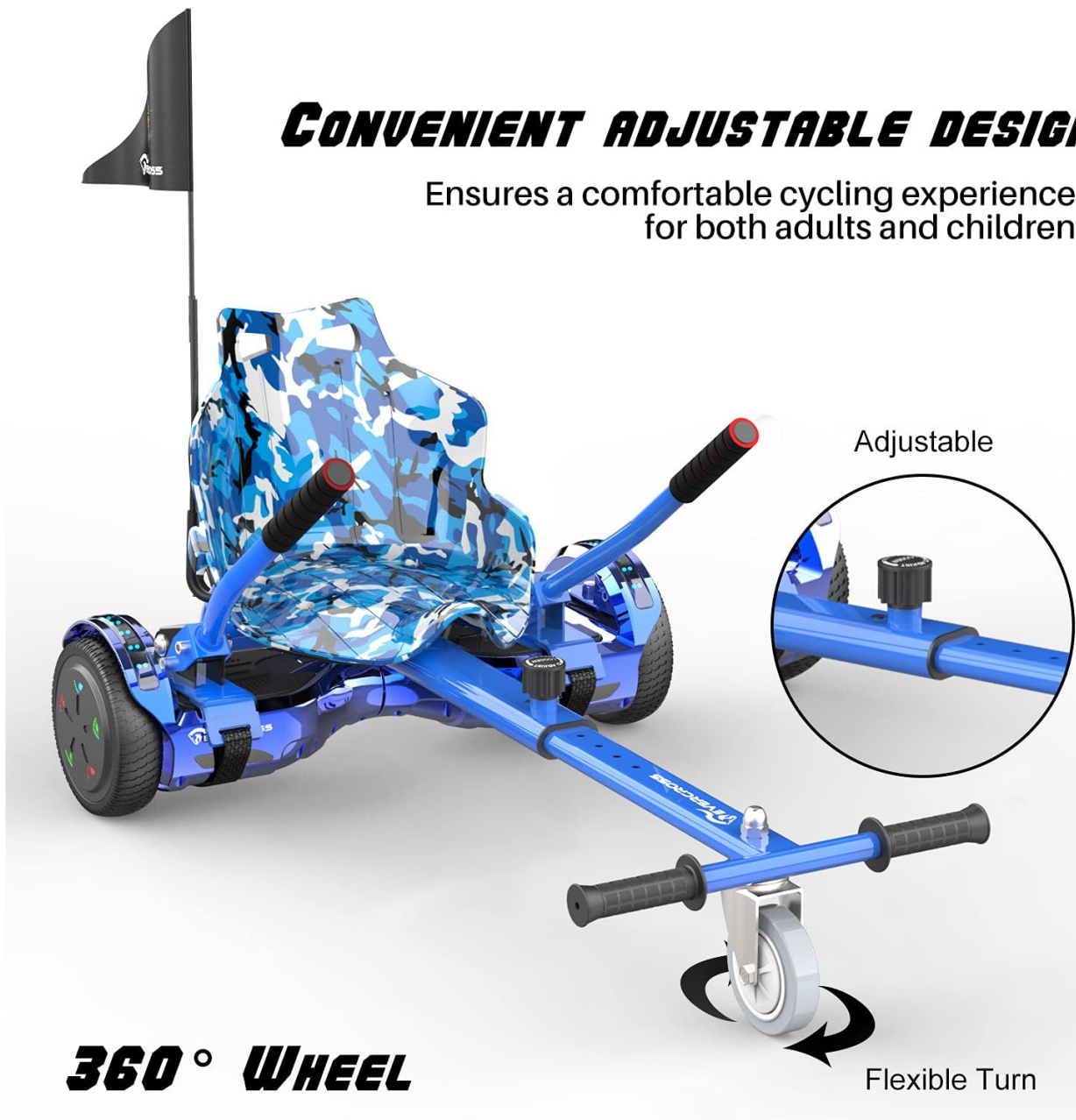


Figure 2.1: Example of foam pads included for contact points.

2. **Assemble Handlebar to Crossbeam:** Fix the handlebar of the kart frame to the crossbeam. Use the provided screws and tighten them securely. Ensure the connection is firm and stable.

CONVENIENT ADJUSTABLE DESIGN

Ensures a comfortable cycling experience for both adults and children



360° WHEEL

Figure 2.2: The convenient adjustable design of the seat attachment ensures a comfortable experience for various users.

3. **Connect Frame Parts:** Use the lock nut to connect the two main frame parts of the kart. This allows for length adjustment later.
4. **Install the Seat:** Place the seat onto the kart frame. Secure it by tightening the four corresponding screws.



Figure 2.3: Close-up of a seat attachment point.

5. **Apply Foam Glue:** Glue the foam pads to the contact positions between the kart and the hoverboard. This prevents scratching and ensures a secure fit.
6. **Install Velcro Straps:** Attach the two Velcro straps to the kart. These straps will be used to bind the hoverboard securely to the kart seat's bottom.



Figure 2.4: Example of a Velcro strap used for securing the hoverboard.



Figure 2.5: The seat attachment features sturdy straps, soft sponge padding, and sweatproof handles for comfort and durability.

7. **Assemble and Attach Flag:** Tighten the flag joint with screws. Connect the two flagpole parts using the connector. Then, insert the assembled flag into the designated interface on the kart.



Figure 2.6: The safety flag enhances visibility during operation.

3. OPERATING INSTRUCTIONS

The EVERCROSS Hoverboard offers two primary riding modes: standing and with the seat attachment. Always ensure you wear appropriate safety gear, including a helmet, knee pads, and elbow pads, before operating.

3.1. Hoverboard Operation (Standing Mode)

- **Power On:** Press the power button to turn on the hoverboard. The indicator lights will illuminate.
- **Mounting:** Place one foot on a footpad, ensuring the hoverboard is level. Then, quickly step on with your other foot. Maintain balance by keeping your body upright and relaxed.
- **Movement:** Lean slightly forward to move forward, and lean backward to slow down or move in reverse. To turn, apply more pressure to the footpad on the side opposite to your desired turning direction.
- **Dismounting:** When ready to stop, slow down to a complete halt. Step off one foot at a time, preferably backward.

Hoverboard Operation Video

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Video 3.1: Demonstrates the basic operation of the Evercross Hoverboard, highlighting its fun and safety features for both adults and kids.

3.2. Hoverboard Operation (with Seat Attachment)

- **Attaching the Hoverboard:** Securely fasten your hoverboard to the seat attachment using the Velcro straps. Ensure the hoverboard is centered and firmly attached to prevent shifting during use.
- **Mounting:** Sit comfortably in the seat. Place your feet on the footrests.
- **Steering:** Use the two handlebars to control movement. Push both handlebars forward to move forward, and pull both backward to reverse. To turn, push one handlebar forward while pulling the other backward (e.g., push left forward and pull right backward to turn right).
- **Adjusting Length:** The kart frame's length can be adjusted by loosening the lock nut, extending or retracting the frame, and then re-tightening the nut. This allows for comfortable use by riders of different heights.

Seat Attachment Operation Video

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Video 3.2: Showcases the Evercross Hoverboard as a creative gift for kids, demonstrating its ease of use and fun factor with the seat attachment.

3.3. Safety Guidelines

- Always wear a helmet and protective gear (knee pads, elbow pads) when riding.
- Do not ride on public roads, uneven surfaces, or near traffic.
- Ensure the hoverboard is fully charged before each use.
- Do not exceed the maximum load capacity of 220 lbs.
- Avoid sudden stops, sharp turns, or high speeds, especially when learning.
- Supervise children at all times when they are operating the hoverboard or kart.
- Do not operate in wet conditions or extreme temperatures.

4. MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your EVERCROSS Hoverboard and Seat Attachment.

- **Cleaning:** Wipe down the hoverboard and seat attachment with a damp cloth after each use. Avoid using abrasive cleaners or solvents that could damage the finish.
- **Battery Care:**
 - Charge the battery fully before first use and after each ride.
 - Do not overcharge the battery. Disconnect the charger once the battery is full.
 - If storing for an extended period, charge the battery to about 50% and recharge every 2-3 months to maintain battery health.
 - Store in a cool, dry place away from direct sunlight and extreme temperatures.
- **Tire Inspection:** Regularly check the 6.5-inch solid tires for any signs of wear or damage. While solid, excessive wear can affect performance.
- **Strap and Connection Check:** Before each ride, inspect the Velcro straps and all bolted connections on the seat attachment to ensure they are secure and not worn. Tighten any loose bolts.
- **General Inspection:** Periodically check for any loose parts, cracks, or unusual noises. Address any issues promptly to prevent further damage or safety hazards.

5. TROUBLESHOOTING

If you encounter issues with your EVERCROSS Hoverboard or Seat Attachment, refer to the common problems and solutions below.

Problem	Possible Cause	Solution
Hoverboard not turning on.	Low battery; Power button malfunction.	Charge the hoverboard fully. If issue persists, contact customer support.

Problem	Possible Cause	Solution
Hoverboard not balancing correctly.	Calibration needed; Uneven surface; Weight distribution.	Recalibrate the hoverboard (refer to specific model instructions for calibration). Ensure you are on a flat surface and distributing weight evenly.
Bluetooth speaker not connecting.	Bluetooth not enabled on device; Hoverboard not in pairing mode; Interference.	Ensure Bluetooth is enabled on your device. Restart both devices. Move closer to the hoverboard.
Seat attachment feels loose.	Loose screws/bolts; Worn straps.	Check and tighten all screws and bolts on the seat attachment. Replace worn Velcro straps if necessary.
Reduced range or speed.	Low battery; Overload; Road conditions.	Ensure battery is fully charged. Do not exceed weight limit. Performance may vary based on terrain and rider weight.

6. SPECIFICATIONS

Feature	Detail
Brand	EVERCROSS
Model Name	EVERCROSS Hoverboard
Item Weight	30 Pounds
Max Load	220 lbs (approx.)
Max Speed	Up to 10 MPH
Cruising Range	Up to 10 miles
Motor Power	2 × 350W Dual Engines
Tire Size	6.5 inches (Solid Tires)
Material	ABS Polymer, Rubber
Special Features	LED Light, Built-In Bluetooth Speaker, Self-Balancing System
Included Components	Charger, Manual, Seat Attachment

7. WARRANTY AND SUPPORT

EVERCROSS products are designed for quality and durability. For warranty information, technical support, or any inquiries regarding your hoverboard and seat attachment, please refer to the warranty card included in your product packaging or visit the official EVERCROSS website.

You can also contact our customer service team for assistance:

- **Online Support:** Visit the EVERCROSS official website for FAQs and support resources.
- **Email Support:** Refer to your product manual for the dedicated customer service email address.

Please retain your proof of purchase for any warranty claims.