

Hudora 12161

Hudora Instinct ABEC 1 Skateboard Model 12161 User Manual

Comprehensive instructions for safe and effective use.

1. INTRODUCTION

Thank you for choosing the Hudora Instinct ABEC 1 Skateboard, Model 12161. This manual provides essential information for the safe assembly, operation, and maintenance of your skateboard. Please read it thoroughly before use and retain it for future reference.

The Hudora Instinct Skateboard is designed for recreational skateboarding. It features a durable nine-ply maple wood deck, 5-inch aluminum Seagull trucks, 50x30mm polyurethane wheels, and ABEC 1 carbon ball bearings. The maximum user weight is 100 kg.

2. SAFETY INFORMATION

Skateboarding can be a dangerous activity. To minimize risks, always adhere to the following safety guidelines:

- **Wear Protective Gear:** Always wear a helmet, knee pads, elbow pads, and wrist guards.
- **Check Equipment:** Before each use, inspect your skateboard for any loose parts, cracks, or damage. Ensure all nuts and bolts are securely tightened.
- **Choose Safe Locations:** Ride in designated skateboarding areas or smooth, dry, and clear surfaces away from traffic, pedestrians, and obstacles. Avoid wet, uneven, or slippery surfaces.
- **Understand Your Limits:** Start with basic maneuvers and gradually progress to more advanced techniques. Do not attempt tricks beyond your skill level.
- **Supervision:** Children should always be supervised by an adult while skateboarding.
- **Weight Limit:** Do not exceed the maximum user weight of 100 kg (220 lbs).
- **Local Laws:** Be aware of and obey all local traffic and skateboarding laws and regulations.

3. PRODUCT FEATURES

- **Deck:** High-quality nine-ply maple wood deck, double kick concave design.
- **Grip Tape:** Sand-textured anti-slip grip tape for enhanced foot stability.
- **Trucks:** 5-inch aluminum Seagull trucks, designed for responsive turning.
- **Wheels:** Durable 50mm (diameter) x 30mm polyurethane (PU) wheels.
- **Bearings:** ABEC 1 carbon ball bearings for smooth rolling.

- **Maximum User Weight:** 100 kg (approximately 220 lbs).
- **Dimensions:** Approximately 78.8 cm x 20.3 cm (31 inches x 8 inches).



Figure 1: Hudora Instinct ABEC 1 Skateboard. This image displays four Hudora Instinct skateboards, each featuring a unique graphic design on the underside of the deck. The skateboards are equipped with silver trucks and off-white wheels. The designs include a green and blue monster-like figure, a red and green creature, a white and purple robot, and a dark purple and blue robotic design.

4. SETUP AND PRE-RIDE CHECK

Your Hudora Instinct Skateboard comes pre-assembled. Before your first ride and periodically thereafter, perform the following checks:

1. **Truck Tightness:** Check that the kingpin nut (large nut in the center of the truck) and the axle nuts (on the ends of the axles holding the wheels) are securely tightened. Adjust the kingpin nut to control turning responsiveness – tighter for more stability, looser for sharper turns.
2. **Wheel Spin:** Ensure all four wheels spin freely without excessive wobble. If a wheel does not spin freely, check the axle nut for overtightening or inspect the bearings for damage.
3. **Deck Integrity:** Inspect the maple wood deck for any cracks, splinters, or delamination. Do not ride a damaged deck.
4. **Grip Tape:** Ensure the grip tape is firmly adhered to the deck and provides sufficient traction.

5. OPERATING INSTRUCTIONS

Learning to skateboard requires practice and patience. Always start in a safe, open area.

- **Stance:** Place your front foot over the front truck bolts, pointing slightly forward. Push off with your back foot. Once moving, place your back foot on the tail of the board.

- **Balance:** Keep your knees bent and your weight centered over the board. Use your arms for balance.
- **Turning:** Lean in the direction you want to turn. You can also use your heels or toes to apply pressure to the edges of the board for sharper turns.
- **Stopping:**
 - **Foot Brake:** Gently drag your back foot on the ground.
 - **Tail Drag:** Press down on the tail of the board to lift the front wheels and drag the tail on the ground.
 - **Bailing:** If you lose control, step off the board safely.

6. MAINTENANCE

Regular maintenance will extend the life of your skateboard and ensure safe operation.

- **Cleaning:** Wipe down the deck and trucks with a damp cloth after use. Avoid getting the bearings wet.
- **Bearing Care:** If wheels become noisy or slow, bearings may need cleaning or replacement. Consult a local skate shop for professional bearing maintenance.
- **Hardware Check:** Periodically check and tighten all nuts and bolts, especially those on the trucks and wheels. Do not overtighten axle nuts as this can damage bearings.
- **Wheel Wear:** Rotate wheels periodically to ensure even wear. Replace wheels when they become significantly worn or chipped.
- **Storage:** Store your skateboard in a dry place, away from direct sunlight and extreme temperatures, to prevent deck warping or material degradation.

7. TROUBLESHOOTING

- **Squeaky Trucks:** This is common and usually harmless. It can often be resolved by applying a small amount of wax or specialized skateboard lubricant to the pivot cup and bushings.
- **Wheels Not Spinning Freely:** Check if axle nuts are too tight. Loosen them slightly until the wheel spins freely but has minimal side-to-side play. If the issue persists, bearings may be dirty or damaged and require cleaning or replacement.
- **Board Pulls to One Side:** This often indicates uneven truck tightness. Adjust the kingpin nuts on both trucks to ensure they are equally tightened, or replace worn bushings.

8. SPECIFICATIONS

Component	Specification
Model Number	12161
Deck Material	9-ply Maple Wood
Deck Type	Double Kick Concave
Deck Dimensions	78.8 cm x 20.3 cm (approx. 31" x 8")
Trucks	5-inch Aluminum Seagull Trucks
Wheel Material	Polyurethane (PU)
Wheel Dimensions	50mm (diameter) x 30mm
Bearings	ABEC 1 Carbon Ball Bearings

Component	Specification
Maximum User Weight	100 kg (220 lbs)
Product Weight	Approximately 997.9 g (2.2 lbs)

9. WARRANTY AND SUPPORT

For information regarding warranty coverage, product support, or replacement parts, please contact Hudora customer service. Details can typically be found on the official Hudora website or through your retailer. Please have your model number (12161) and proof of purchase available when contacting support.