

Hover-1 All-Star 2.0

Hover-1 All-Star 2.0 Self Balancing Scooter User Manual

Model: All-Star 2.0

INTRODUCTION

Thank you for purchasing the Hover-1 All-Star 2.0 Self Balancing Scooter. This manual provides essential information for the safe operation, maintenance, and troubleshooting of your device. Please read it thoroughly before your first ride to ensure a safe and enjoyable experience. Retain this manual for future reference.

SAFETY INFORMATION

Operating any electric vehicle carries inherent risks. To minimize these risks, it is crucial to follow all instructions and warnings in this manual. Failure to do so may result in property damage, serious injury, or death.

- Always wear a helmet and appropriate safety gear (knee pads, elbow pads, wrist guards) when riding.
- The Hover-1 All-Star 2.0 is UL2272 certified, meaning it has been tested to applicable safety standards. However, safe operation is still paramount.
- Do not operate the scooter under the influence of alcohol or drugs.
- Observe all local traffic laws and regulations.
- Avoid riding on uneven surfaces, steep inclines, or near water.
- This product is recommended for users within the specified age and weight limits. Refer to the Specifications section for details.
- Keep fingers and all body parts away from moving parts.
- Do not attempt to modify the scooter. Any modifications will void the warranty and may compromise safety.

PACKAGE CONTENTS

Ensure all items are present and in good condition upon unpacking:

- Hover-1 All-Star 2.0 Self Balancing Scooter
- Charging Adapter
- User Manual (this document)

PRODUCT OVERVIEW

Familiarize yourself with the components of your Hover-1 All-Star 2.0 scooter.



Image: The Hover-1 All-Star 2.0 Self Balancing Scooter, black in color, featuring LED lights on the wheels and footpads. This image displays the overall design and illuminated elements of the scooter.

- **Footpads:** Pressure-sensitive pads for control.
- **Wheels:** Equipped with colorful LED lights.
- **LED Headlight:** For visibility.
- **Charging Port:** Location for connecting the charging adapter.
- **Power Button:** To turn the scooter on/off.
- **Bluetooth Speaker:** Integrated for audio playback.

CHARGING THE DEVICE

Before your first ride, fully charge the scooter for approximately 5 hours. Always use the provided charging adapter.

1. Ensure the scooter is powered off.
2. Locate the charging port on the scooter.
3. Connect the charging adapter to the scooter's charging port.
4. Plug the charging adapter into a standard wall outlet.
5. The indicator light on the charger will typically turn red during charging and green when fully charged.
6. Once fully charged, disconnect the charger from the scooter and the wall outlet.

Important: Do not leave the scooter charging unattended for extended periods. The built-in 36V/2.0 Ah Lithium-ion battery is certified, and its safety shield enclosure helps prevent overheating.

SETUP

No complex assembly is required. After charging, your Hover-1 All-Star 2.0 is ready for initial setup and calibration.

1. **Power On:** Press the power button to turn on the scooter.
2. **Calibration (if needed):** If the scooter does not seem balanced or drifts, it may need calibration.
 - Place the scooter on a flat, level surface.

- Ensure the scooter is powered off.
- Press and hold the power button for approximately 10-15 seconds until the lights flash.
- Release the button and power off the scooter.
- Power on again to complete calibration.

OPERATING INSTRUCTIONS

The Hover-1 All-Star 2.0 uses a dynamic stabilization system with gyroscopes and acceleration sensors for intuitive control.



Image: A person riding a Hover-1 self-balancing scooter outdoors, demonstrating typical use. This image illustrates the user in motion on the device.

1. Mounting:

- Place one foot firmly on a footpad. The scooter will stabilize itself.
- Quickly step up with your other foot onto the second footpad.
- Maintain a relaxed, upright posture with a slight bend in your knees.

2. Moving Forward/Backward:

- Lean slightly forward to move forward.
- Lean slightly backward to move backward.
- The amount of lean determines your speed.

3. Turning:

- To turn left, press your right foot forward slightly and your left foot backward slightly.
- To turn right, press your left foot forward slightly and your right foot backward slightly.

4. Stopping:

- Return to an upright, neutral position to slow down and stop.
- To dismount, step off one foot at a time, preferably backward.

Practice in a safe, open area until you are comfortable with the controls. The scooter can reach speeds up to 7 mph

and has a range of up to 7 miles.

BLUETOOTH SPEAKER

Your Hover-1 All-Star 2.0 features a built-in Bluetooth speaker for audio playback.

1. Ensure the scooter is powered on.
2. Enable Bluetooth on your mobile device.
3. Search for "Hover-1" or a similar device name in your device's Bluetooth settings.
4. Select the scooter to pair. You may hear an audible confirmation.
5. Once paired, you can play audio from your device through the scooter's speaker.

Note: The Bluetooth speaker has a limited range. Keep your paired device close to the scooter for optimal performance.

MAINTENANCE

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

- **Cleaning:** Wipe the scooter with a damp cloth. Do not use harsh chemicals or abrasive cleaners. Avoid getting water into electronic components.
- **Storage:** Store the scooter in a cool, dry place away from direct sunlight and extreme temperatures. If storing for an extended period, charge the battery to about 50% every few months to maintain battery health.
- **Battery Care:** Avoid completely draining the battery. Charge it regularly. If the battery is damaged or shows signs of malfunction, contact support immediately.
- **Tire Inspection:** Periodically check the tires for wear and tear.

TROUBLESHOOTING

If you encounter issues with your Hover-1 All-Star 2.0, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Scooter does not turn on.	Low battery; power button not pressed correctly.	Charge the scooter fully. Ensure the power button is pressed firmly.
Scooter not charging or charger light stays green.	Charger not connected properly; faulty charger or battery.	Ensure charger is securely connected to both scooter and outlet. Try a different outlet. If problem persists, contact customer support.
Scooter is unbalanced or drifts.	Needs calibration.	Perform the calibration steps outlined in the "Setup" section.
Bluetooth speaker not connecting.	Bluetooth not enabled on device; scooter not in pairing mode; out of range.	Ensure scooter is on and Bluetooth is enabled on your device. Keep device close to scooter. Restart both devices if necessary.

If these steps do not resolve the issue, please contact Hover-1 customer support.

SPECIFICATIONS

- **Model Name:** All-Star 2.0
- **Brand:** Hover-1
- **Motor:** 400W (2 x 200W)
- **Max Speed:** Up to 7 mph
- **Max Range:** Up to 7 miles
- **Max Incline:** 10 degrees
- **Battery:** 36V/2.0 Ah Lithium-ion (certified)
- **Charge Time:** Approximately 5 hours
- **Dimensions (LxWxH):** 24.8 x 8.85 x 9 inches
- **Material:** Aluminium, Plastic
- **Special Features:** LED Lighted Wheels & Footpad, Bluetooth Speaker, LED Headlight
- **Safety Certification:** UL2272
- **Age Range:** Kid, Youth

WARRANTY AND SUPPORT

The Hover-1 All-Star 2.0 Self Balancing Scooter comes with a **90 Day Warranty** from the date of purchase. This warranty covers manufacturing defects under normal use. It does not cover damage caused by misuse, accidents, unauthorized modifications, or improper maintenance.


For warranty claims, technical support, or further assistance, please contact Hover-1 customer service. Keep your proof of purchase for warranty validation.






Manufacturer: DGL Group

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This manual is for informational purposes only. Specifications are subject to change without notice.

Related Documents - All-Star 2.0

	<p>Hover-1 All-Star 2.0 Hoverboard Operation Manual</p> <p>Comprehensive operation manual for the Hover-1 All-Star 2.0 hoverboard, covering safety, operating principles, controls, Bluetooth speaker functionality, riding tips, maintenance, and troubleshooting.</p>
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	<p>Hover-1 All-Star 2.0 Operation Manual</p> <p>This operation manual provides comprehensive instructions and safety guidelines for the Hover-1 All-Star 2.0 electric scooter. Learn about its features, operating principles, specifications, controls, and maintenance to ensure safe and enjoyable use.</p>
	<p>Hover-1 ALL-STAR 2.0 Operation Manual</p> <p>Comprehensive operation manual for the Hover-1 ALL-STAR 2.0 electric scooter, covering safety, features, operating principles, and maintenance.</p>
	<p>Hover-1 Sypher Hoverboard Operation Manual: Safety, Operation, and Maintenance</p> <p>Comprehensive operation manual for the Hover-1 Sypher hoverboard (DSA-SYP). Learn about safety precautions, riding techniques, specifications, controls, Bluetooth features, app integration, charging, battery care, and maintenance.</p>
	<p>Hover-1 Blast: Important Information and Calibration Guide</p> <p>Essential information for your Hover-1 Blast, including serial number location, charging indicators, and calibration instructions to ensure smooth operation. Visit hover-1.com for support.</p>
	<p>Hover-1 Blast Electric Scooter Operation Manual & Safety Guide</p> <p>Comprehensive operation manual and safety guide for the Hover-1 Blast electric scooter, covering features, operating principles, safety precautions, riding instructions, charging, maintenance, and troubleshooting.</p>



[Hover-1 All-Star 2.0 Hoverboard Operation Manual](#)

Comprehensive operation manual for the Hover-1 All-Star 2.0 hoverboard, covering safety, operating principles, controls, Bluetooth speaker functionality, riding tips, maintenance, and troubleshooting.

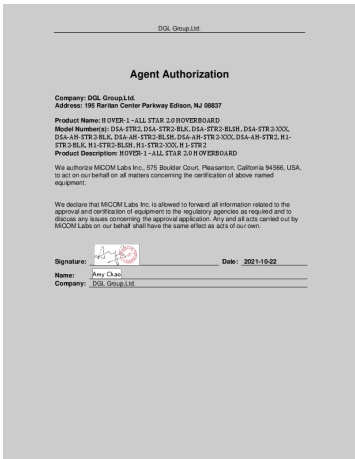
lang:en score:29 filesize: 11.16 M page_count: 26 document date: 2021-11-23



[Hover-1 All-Star 2.0 Operation Manual](#)

This operation manual provides comprehensive instructions and safety guidelines for the Hover-1 All-Star 2.0 electric scooter. Learn about its features, operating principles, specifications, controls, and maintenance to ensure safe and enjoyable use.

lang:en score:23 filesize: 917.77 K page_count: 26 document date: 2023-05-02



[\[pdf\] Agent Authorization](#)

PLEASE PRINT ON COMPANY LETTERHEAD MiCOM Labs Inc QMS Agent Authorization Letter DGL Group LTD STR2 HOVER 1 ALL STAR 2 0 HOVERBOARD 2AANZSTR2 str2

DGL Group,Ltd. Agent Authorization Company: DGL Group,Ltd. Address: 195 Raritan Center Parkway Edison, NJ 08837 Product Name: HOVER-1 ALL STAR 2.0 HOVERBOARD Model Number s : DSA-STR2, DSA-STR2-BLK, DSA-STR2-BLSH, DSA-STR2-XXX, DSA-AH-STR2-BLK, DSA-AH-STR2-BLSH, DSA-AH-STR2-XXX, DSA-AH-STR2, H1STR2...

lang:en score:15 filesize: 140.36 K page_count: 1 document date: 2021-10-28

RF EXPOSURE EVALUATION	
1. PRODUCT INFORMATION	
Product Description	HOVER 1-ALL STAR 2.0 HOVERBOARD
Model Name	DSA-STR2
Series Model	DSA-STR2-BLK, DSA-STR2-BLSH, DSA-STR2-XXX, DSA-AH-STR2-BLK, DSA-AH-STR2-BLSH, DSA-AH-STR2-XXX, H1-STR2-BLK, H1-STR2-BLSH, H1-STR2-XXX, H1-STR2
FCC ID	2AANZSTR2
2. EVALUATION METHOD	
According to 47 CFR Part 2.107, General RF Exposure Guidance v06	
The 1 g and 10 g SAR test evaluation frequencies for 150 MHz to 6 GHz at test separation distances < 50 mm are determined by:	
[min. value of (distance, excluding cable clearance, x 60) / min. test separation distance, mm]	
[(MHz) < 3.0 for 1 g SAR and < 7.5 for 10 g exposure SAR.	
Where (GHz) is the RF channel (center) frequency in GHz.	
Power and distance are rounded to the nearest mW and mm before calculation	
3. CALCULATION	
BRIEF:	
P<0.518dBm=1.52mW	
The value of the Maximum output power P ₁ is referred to the test report of the CTR47 § 15.247	
The result for RF exposure evaluation SAR ₁₀ (1.52mW/5mm) [< 0.402GHz] < 0.31 < 0.0 for 1g SAR and < 7.5 for 10-g exposure SAR	
BRIEF GPSK 1Mbps:	
P<0.073dBm=1.52mW	
The value of the Maximum output power P ₁ is referred to the test report of the CTR47 § 15.247	
The result for RF exposure evaluation SAR ₁₀ (1.52mW/5mm) [< 0.402GHz] < 0.31 < 0.0 for 1g SAR and < 7.5 for 10-g exposure SAR	
4. CONCLUSION	
The SAR evaluation is not required.	

[pdf] Test Report SAR Rating

USER RF Exposure DGL Group LTD STR2 HOVER 1 ALL STAR 2 0 HOVERBOARD 2AANZSTR2 str2

RF EXPOSURE EVALUATION 1. PRODUCT INFORMATION Product Description
HOVER-1 ALL STAR 2.0 HOVERBOARD Model Name DSA-STR2 Series Model
DSA-STR2-BLK, DSA-STR2-BLSH, DSA-STR2-XXX, DSA-AH-STR2-BLK, DSA-AH-STR2-BLSH, DSA-AH-STR2-XXX, DSA-AH-STR2, H1-STR2-BLK, H1-STR2-BLSH, H1-STR2-XXX, H1-STR2

lang:en score:14 filesize: 225.33 K page_count: 1 document date: 2021-10-28