



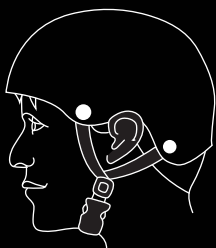
FORMULA



OPERATION MANUAL
H1-FM95

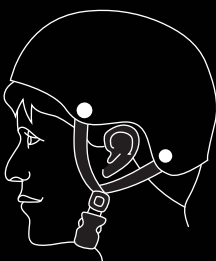
HELMETS SAVE LIVES!

Always wear a properly fitted helmet that complies with CPSC or CE safety standards when you ride.



Correct Fit:

Make sure your helmet covers your forehead.



Incorrect Fit:

Forehead is exposed and vulnerable to serious injury.

WARNING!

PLEASE READ THE OPERATION MANUAL THOROUGHLY.

Failure to follow the basic instructions and safety precautions listed in the operation manual can lead to damage to your Formula, property damage, serious bodily injury, and even death.

Thank you for purchasing the Hover-1 Formula Go-Kart. Please read all instructions carefully before using it and retain this manual for future reference.

- To avoid collisions, falls, and loss of control, please learn how to ride the Formula safely.
- You can learn how to ride the Formula by reading the operation manual and watching videos.
- All users are responsible for any consequences caused by violating warning contents or proper operations. Hover-1 can not be held liable.

ATTENTION

1. Only use the supplied charger from Hover-1 with this go-kart.
2. The operating temperature range of the charger is 32°F - 104°F (0°C - 40°C).
3. The operating temperature range of the Formula is 32°F - 104°F (0°C - 40°C).
4. Do not ride on icy or slippery surfaces.
5. Read the operation manual and warning labels before riding.
6. Store the Formula in a dry, ventilated environment.
7. When transporting the Formula, avoid violent crashes or impact.

LOW TEMPERATURE WARNING

Low temperatures will affect the lubrication of moving parts inside the Formula, increasing internal resistance. Additionally, the discharge capacity and capacity of the battery will be significantly decreased.

Use caution when riding the Formula in cold temperatures (below 40°F/4°C). Doing so may increase the risk of mechanical failures of the go-kart, which may lead to damage to your device, property damage, serious bodily injury, and even death.

SAFETY INSTRUCTIONS

- Keep the go-kart away from heat sources, direct sunlight, humidity, water, and any other liquids.
- Do not operate the go-kart if it has been exposed to water, moisture, or any other liquids to prevent electric shock, explosion, and/or injury to yourself and damage to the go-kart.
- Do not use the go-kart if it has been dropped or damaged in any way.
- Repairs to electrical equipment should only be performed by the manufacturer. Improper repairs void the warranty and may place the user at serious risk.
- Do not puncture or harm the exterior surface of the go-kart in any way.
- Keep the device free from dust, lint, etc.
- Do not use this go-kart for anything other than its intended use or purpose. Doing so may damage the go-kart or lead to property damage, injury, or death.
- This product is not a toy. Keep out of reach of children.
- Do not expose the batteries to excessive heat such as direct sunlight or an open flame.
- Do not allow hands, feet, hair, body parts, clothing, or similar articles to come in contact with moving parts, wheels, or the drivetrain while the Formula is running.
- Do not operate or allow others to operate the Formula, until the user understands all instructions, warnings and safety features described in this manual.

- Check with your doctor if you have a medical condition that could affect your ability to use the Formula.
- Persons with head, back, neck ailments, or prior surgeries to those areas of the body are not recommended to use the Formula.
- Do not operate if you are pregnant or have a heart condition.
- Persons with any mental or physical conditions that may make them susceptible to injury or impair their physical or mental capabilities to recognize, understand, and perform all of the safety instructions and assume the hazards inherent in operation should not use the Formula.

WARNING!

In this manual, the above symbol with the word “WARNING” indicates a hazardous situation which, if not avoided, can cause death or serious injury.

SERIAL NUMBER

Please keep the serial number on file for warranty claims as well as proof of purchase.

WARNING!

Prolonged exposure to UV rays, rain and the elements may damage the enclosure materials. Store indoors when not in use.

INTRODUCTION

The Formula is a personal transporter. Our production processes are developed with strict testing for each Formula go-kart. Operating the Formula without following the contents of this manual may lead to damage to your Formula or bodily injury.

PACKAGE CONTENTS

- Hover-1 Formula Go-Kart
- Charger

SPECIFICATIONS

Model:	H1-FM95
Product Description:	Hover-1 Formula Electric Go-Kart
Net Weight:	70.54 lbs (32 kg)
Max Supported Weight:	330 lbs (150 kg)
Min Supported Weight:	88 lbs (40 kg)
Max Speed:	Up to 15 mph (24 km/h)
Max Range:	Up to 15 miles (24 km)
Charge Time:	Up to 6 hours
Charging temperature:	32-104° F (0-40° C)
Motor Power:	700W (dual 350W motors)
Brake:	Dual disc brakes
Battery Type:	Lithium-ion
Battery Voltage:	36V
Battery Capacity:	7.5Ah
Power Requirement:	AC 100V-240V, 50 Hz/60 Hz
Size:	55.1" x 31.4" x 23.2" (140 x 80 x 59 cm)
Tire Size:	10 inches (25.4 cm)
Tire Type:	Non-pneumatic solid tires
UL Certification:	UL2272 certified

HOVER-1 FORMULA DIAGRAM



FEATURES/PARTS

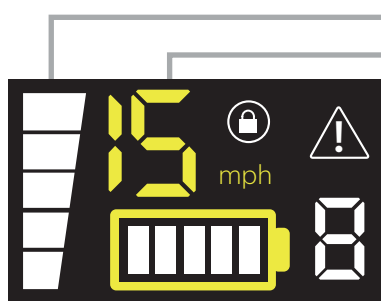
- | | |
|----------------------|--------------------------------------|
| 1. Seat | 8. Front Fender |
| 2. Steering Wheel | 9. LCD Display |
| 3. Steering Column | 10. Adjustable Frame |
| 4. Headlight Switch | 11. Steering Wheel Adjustment |
| 5. Brake Pedal | 12. Tire |
| 6. Accelerator Pedal | 13. Charge Port (Located Underneath) |
| 7. Headlights | 14. Rear Fender |

STEERING WHEEL & LCD DISPLAY



STEERING WHEEL FEATURES

1. LCD Display
2. Horn
3. Power Button
4. Reverse Button



ACCELERATOR

SPEEDOMETER

Displays your current speed in mph.

ERROR LIGHT

SPEED MODE

Displays your current speed mode:
 1 - Up to 6 mph
 2 - Up to 9 mph
 3 - Up to 15 mph

BATTERY INDICATOR

Displays your current battery life.

ADJUSTING THE FRAME

The frame of your Formula go-kart is adjustable to provide the most comfortable ride possible. Adjust the frame to a comfortable length before riding.



TO ADJUST THE LENGTH OF THE FRAME

1. Pull out the 2 spring locks on the frame.
2. Push or pull the go-kart to adjust the frame length. Once you've found your desired frame length, push the spring locks back in. Make sure the frame is locked before riding.

ADJUSTING THE STEERING WHEEL

Before riding, adjust the steering wheel to your preferred height.

TO ADJUST THE HEIGHT OF THE STEERING WHEEL

1. Unscrew the black twist lock on the steering column bar.
2. Push in the silver lock button.
3. Pull or push the steering wheel up or down to your preferred position. Make sure the lock button clicks into a hole.
4. Screw the black twist lock back onto the steering column bar.



CONTROLS AND DISPLAY

PLEASE READ THE FOLLOWING INSTRUCTIONS CAREFULLY

TURNING YOUR DEVICE ON/OFF

Power On: Press and hold the red power button on the steering wheel for 3 seconds to turn the Formula on.

Power Off: Press and hold the red power button on the steering wheel for 3 seconds to turn the Formula off.

LCD DISPLAY

The Formula's display screen indicates your speed, battery, odometer, and speed mode.

BATTERY INDICATOR

The battery indicator is located on the LCD display. When the battery level drops below 50%, the indicator will turn yellow. When the battery is almost empty, the indicator will turn red.

ACCELERATE/REVERSE/BRAKE

To accelerate forward, keep your foot off the brake pedal and press the accelerator.

To reverse, hold down the reverse button on the steering wheel, keep your foot off the brake pedal, and press the accelerator.

To brake, take your foot off the accelerator and press the brake pedal.

USING THE LIGHTS

To turn on the headlights, press the button on the side of the steering column until it clicks in.

To turn the headlights off, press the button on the side of the steering column until it pops out.

BEFORE RIDING

It is important that you fully understand all the functions of your Formula. If these functions are not used correctly, you will not have full control of your Formula.

Practice using the Formula at slower speeds in a flat, open area before taking the device out into public areas.

PRE-RIDE CHECKLIST

Ensure that your Formula is in proper working order each time you ride. If a part of the Formula does not function correctly, please contact our Customer Support Center.

WARNING

Any go-kart that does not work properly can cause you to lose control and crash. Do not ride the Formula if any parts are damaged. Replace the damaged part before riding.

- Ensure the battery is fully charged before riding your go-kart.
- Wear all appropriate safety gear before operating your go-kart.
- Make sure to wear comfortable clothes and flat, closed-toe shoes when operating your go-kart.

SAFETY PRECAUTIONS

Different localities and countries have different laws governing riding on public roads, and you should check with local officials to ensure you are complying with these laws.

Hover-1 is not liable for tickets or violations given to riders who do not follow local laws and regulations.

- For your safety, always wear a helmet that meets CPSC or CE safety standards. In the event of an accident, a helmet can protect you from serious injury and in some cases, even death.
- Obey all local traffic laws. Obey red and green lights, one-way streets, stop signs, pedestrian crosswalks, etc.
- Ride with traffic, not against it.
- Ride defensively; expect the unexpected.
- Give pedestrians the right-of-way.
- Always wear your seatbelt.
- Do not ride too close to pedestrians. Alert them if you intend to pass them from behind.
- Slow down at all street intersections and look to the left and right before crossing.

WARNING

When you ride in low-visibility conditions such as fog, dusk, or night, you might be difficult to see, which could lead to a collision. Keep your headlight on and wear bright, reflective clothing when riding in low-visibility conditions.

- Do not ride above your skill level. Ensure you have had enough practice with all functions and features of your Formula.
- Before riding your Formula, make sure it is placed flat on level ground, the power is on, and your seat belt is buckled.

- Do not try to open or modify your Formula. Doing so voids the manufacturer warranty and may cause your Formula to fail, resulting in injury or death.
- Do not use the Formula in a manner that would put people or property in danger.
- If you are riding near other riders, be sure to maintain a safe distance between each other to prevent collisions.
- Be sure to keep your feet inside the go-kart at all times. Moving your feet outside of your go-kart while driving is dangerous.
- Do not operate the Formula while under the influence of drugs or alcohol.
- Do not operate the Formula when you are restless or sleepy.
- Use your best judgment to keep yourself out of dangerous situations with your Formula.
- Do not ride your Formula off of curbs, ramps, or attempt to operate it in a skate park or empty pool. Misuse of your Formula voids the manufacturer warranty and may lead to injury or damage.
- Do not abuse your Formula. Doing so can damage your unit and cause failure to the operating system, which may lead to injury. Physical abuse, including dropping your Formula, voids the manufacturer warranty.
- Do not operate in or near puddles of water, mud, sand, stones, gravel, debris, or near rough and rugged terrain.
- The Formula can be used on paved surfaces that are flat and even. If you encounter uneven pavement, move your Formula around and past the obstruction.
- Do not ride in inclement weather: snow, rain, hail, sleet, on icy roads, or in extreme heat or cold.
- If you are unsure if you can safely ride on a specific terrain, get off and move your Formula. Always be on the side of caution,
- Do not attempt to ride over bumps or objects greater than ½ in.
- Pay attention. Look at where you are driving and be conscious of the road conditions, people, property, and other objects around you.
- Do not operate the Formula in crowded areas.

- Operate your Formula with extreme caution when indoors, especially around people, property, and narrow spaces.
- Do not operate the Formula while talking, texting, or looking at your phone.
- Do not ride your Formula where it is not permitted.
- Do not ride your Formula near motor vehicles or on public roads.
- Do not travel up or down steep hills.
- The Formula is intended for use by a single individual. DO NOT attempt to operate the Formula with two or more people.
- Do not carry anything while riding the Formula.
- At higher speeds, always take longer stopping distances into consideration.
- Do not attempt any stunts or tricks with your Formula.
- Do not ride the Formula in dark or poorly lit areas.
- Do not ride the Formula off road, near or over potholes, cracks, or uneven pavement or surfaces.
- Do not turn sharply, especially at high speeds.
- Do not step on the fenders of the Formula.
- Avoid driving the Formula in unsafe places, including near areas with flammable gas, steam, liquid, dust, or fiber that could cause fire and explosion accidents.
- Before riding, ensure that tires are in good condition and have sufficient tread remaining.
- Do not operate near swimming pools or other bodies of water.
- Due to fire risks, do not attempt to service any parts on your own.

 **WARNING**

To reduce the risk of injury, adult supervision is required. Never use in roadways, near motor vehicles, on or near steep inclines or steps, near swimming pools, or other bodies of water. Always wear shoes, and never allow more than one rider at a time.

RIDING YOUR FORMULA

FAILURE TO FOLLOW ANY OF THE FOLLOWING SAFETY PRECAUTIONS CAN LEAD TO DAMAGE TO YOUR FORMULA, VOID YOUR MANUFACTURER WARRANTY, LEAD TO PROPERTY DAMAGE, AND CAUSE SERIOUS BODILY INJURY OR DEATH.

OPERATING YOUR DEVICE

Make sure the Formula is fully charged before your first use. For charging instructions, please refer to "CHARGING YOUR FORMULA" on page 15.

Before powering on the Formula adjust the frame length and steering wheel height to a comfortable position for you. Once adjusted, sit in the seat, adjust the seat belt, and buckle it.

Turn on the Formula when you are ready to drive by pressing and holding the power button for 3 seconds. The LCD display will light up and display the speedometer, battery indicator, speed modes, and odometer.

To start riding, gently press down on the accelerator pedal with your foot. Start slow and gradually increase your speed as you get more comfortable driving. The accelerator pedal is pressure-sensitive, the more you press down on it, the faster you will go.

To slow down, take your foot off the accelerator and press your foot on the brake. The more you press on the brake, the faster and harder you will stop. The faster you are driving, the longer stopping distance you will need to come to a complete stop. Be cautious, stopping too fast from a high speed can cause your go-kart to skid and result in loss of control.

To reverse, press and hold the white reverse button on the left side of the steering wheel and press down on the accelerator pedal.

Prepare to brace yourself if you encounter bumps or uneven surfaces - slow down and ride cautiously. Get off and move your Formula to a safe operating space if needed.

When you are ready to stop driving, gently bring your Formula go-kart to a full stop. Press and hold the power button for 3 seconds to turn it off, unbuckle your seat belt, and exit the go-kart.

WARNING

Do not turn sharply or at high speeds. Do not turn or ride quickly along slopes, as it may cause injury.

SPEED AND WEIGHT LIMITATIONS

Speed and weight limits are set for your own safety. Please abide by the limits listed here in the manual.

- Maximum Speed: Up to 15 mph
- Maximum Supported Weight: 330 lbs
- Minimum Supported Weight: 88 lbs

OPERATING RANGE

The Formula can travel a distance up to 15 miles on a fully charged battery under ideal riding conditions. The following are some of the major factors that will affect the operating range of your device:

- Terrain: Operating range is highest when riding on a smooth, flat surface. Riding uphill and/or on rough terrain will reduce the operating range significantly.
- Weight: A lighter user will have a higher operating range than a heavier user.
- Ambient Temperature: Please ride and store the go-kart in recommended temperatures. This will increase operating range, battery life, and overall performance of your device.
- Speed and Riding Style: Maintaining a moderate and consistent speed while riding produces maximum operating range. Traveling at high speeds for extended periods of time, frequent starts and stops, and idling will decrease operating range.

WARNING

Driving the Formula while exceeding the weight limit may increase the possibility of injury or product damage.

CHARGING YOUR FORMULA

- Ensure that the charging port is clean and dry.
- Make sure that there is no dust, debris, or dirt inside the port.
- Plug the charger into a grounded wall outlet.
- Connect the charging cable to the power supply (100V-240V; 50 Hz/60 Hz).
- Align and connect the 1-pin charging cable into the charging port of the Formula (DO NOT FORCE OR BEND THE CHARGING CABLE AS IT MAY CAUSE THE PRONGS TO BEND OR BREAK).
- The charging indicator light on the charger itself should change to red, indicating that your go-kart is now being charged.
- When the red indicator light on your charger changes to green, your go-kart is fully charged.
- After fully charging your go-kart, unplug the charger from your device and from the wall outlet. A full charge may take up to 6 hours.
- If the go-kart is not used for an extended period of time, you may need to recharge the battery every 2 months to maintain the battery life.

BATTERY CARE / MAINTENANCE

BATTERY SPECIFICATIONS

Battery Type: Rechargeable lithium-ion battery

Charge Time: Up to 6 hours

Voltage: 36V

Initial Capacity: 7.5Ah

BATTERY MAINTENANCE

- The lithium-ion battery is built into the go-kart. Do not disassemble the go-kart to remove the battery or attempt to separate it from the go-kart.
- When charging the go-kart, only use the enclosed 1-pin charging cable provided by Hover-1. Use of any other charger or cable may lead to damage to the go-kart, overheating, and risk of fire. Use of any other charger or cable voids the manufacturer warranty.
- Do not connect or attach the go-kart or the battery to a power supply plug or directly to a car's cigarette lighter.
- Do not place the go-kart near a fire or leave it out in direct sunlight. Heating the go-kart can break or ignite the battery inside the device.
- Do not continue charging the battery if it does not recharge within the specified charging time. Doing so may cause the battery to become hot, rupture, or ignite.
- To preserve natural resources, please recycle or dispose of batteries properly. This product contains lithium-ion batteries. Local, state, or federal laws may prohibit disposal of lithium-ion batteries in ordinary trash. Consult your local waste authority for information regarding available recycling and/or disposal options.



WARNING

Failure to follow the safety precautions listed below could lead to serious bodily injury or death.

- Do not attempt to modify, change, or replace your battery.
- Do not use your device if the battery begins to emit odor, overheats, or begins to leak.

- Do not touch any leaking materials or breathe fumes emitted.
- Do not allow children or animals to touch the battery.
- The battery contains dangerous substances. Do not open the battery or insert anything into the battery.
- Only use the charger provided by Hover-1.
- Do not attempt to charge the device if the battery has discharge or emits any substances. In that case, immediately distance yourself from the battery in case of fire or explosion.

 **WARNING**

SEEK IMMEDIATE MEDICAL ASSISTANCE IF
YOU ARE EXPOSED TO ANY SUBSTANCE
THAT IS EMITTED FROM THE BATTERY.

FCC STATEMENT

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

CARE & MAINTENANCE

- To avoid damage to the Formula's internal circuitry, do not expose it to liquid, moisture, or humidity.
- Do not use abrasive cleaning solvents to clean the Formula.
- Do not expose the Formula to extremely high or low temperatures, as this will shorten the life of the device, destroy the battery, and/or distort certain plastic parts.
- Do not dispose of the Formula in fire as it may explode or combust.
- Do not let the Formula come into contact with sharp objects, as this will cause scratches and damage.
- Do not let the Formula fall from high places, as doing so may damage the internal circuitry.
- Do not attempt to disassemble the Formula.

WARNING

Avoid using water or other liquids for cleaning. If water or other liquids enter the Formula, it will cause permanent damage to the internal components.

WARNING

Users who disassemble the Formula go-kart without permission from Hover-1 will void the warranty.

WARRANTY

For warranty information, please visit us at www.hover-1.com.

Manufacturer: DGL Group, Ltd.
2045 Lincoln Highway, Edison, NJ 08817

Affix Serial Number Label Here:



@Hover1Rideables



@RideHover1



@RideHover1



www.Hover-1.com