



# **USER MANUAL**

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# Copyright, Trademarks, Patent, and Contact Information

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## Trademarks

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## Modobag Inc. Patent Information

The Modobag is covered by U.S. and foreign patents. For more information go to <http://www.modobag.com>

## Contact Information

For support, please contact the company from which you bought the products. For a listing of Authorized Modobag Dealers and Distributors, visit the Modobag website at: <http://www.modobag.com>.

Modobag Customer Care: +1 312-869-2008

E-mail: [support@modobag.com](mailto:support@modobag.com)

Website: <http://www.modobag.com>

Congratulations on the purchase of your new Modobag! The Modobag is the standard term used to refer to the Modobag product described in this manual.

## About This Manual

Before using Modobag for the first time, be sure to read the manual in its entirety and watch the "How to Use Modobag" video at <http://www.modobag.com>. Remember to pass on this User Manual information if you ever resell or give your Modobag to someone else. If you have questions, or need a copy of the User Manual or Safety Video, contact Modobag before you attempt to use your Modobag. Check our website regularly for updates to the Modobag User Materials: <http://www.modobag.com>

### **WARNING**

Warns you about actions that could result in death or serious injury.

- **WARNING**

Whenever you ride the Modobag, you risk death or serious injury from loss of control, collisions, and falls. To reduce this risk, you must read and follow all instructions and warnings in the user materials. It is your responsibility to learn how to safely ride the Modobag in order to reduce this risk. To ride safely you must follow all instructions, including the User Manual and "How to Use Modobag" Video. This information is available at <http://www.modobag.com>.

Modobag takes all aspects of safety very seriously. This documentation provides clear, safety messaging designed to offer instructions and procedural information that help avoid physical injury or damage to your Modobag.

Ability and ease of use may lead you to become overconfident. If you exceed the ability of the Modobag, such as riding over obstacles, uneven terrain, slippery surfaces, loose materials, or steep slopes, you can very quickly lose control, leading to collisions, falls, and injury.

Of course, it is impossible to predict and warn against every possible harm or hazard that exists. Thus, users must also use their own intuition and common sense to help avoid physical injury or damage to your Modobag.

- Read this manual and watch the 'How to Use Modobag' video at [modobag.com](http://modobag.com).
- Inspect your Modobag before each use. Do not use if any part is loose or damaged. If you discover any loose or damaged part, contact Modobag at [support@modobag.com](mailto:support@modobag.com)
- Do not place any objects in the steering or dash area, this could restrict steering control.
- To ride a Modobag, riders must be at least 16 years of age.
- Riders should have good balance and control similar to the skill set required to ride a 2 wheel bicycle.
- Always shut down your Modobag and unplug devices from the USB Ports and the AC Power Cord before checking the Modobag or stowing on the airplane.
- No passengers. The Modobag is for one rider. Do not ride double or carry any passengers. Do not carry a child in your arms or in a child carrier while riding. Expectant mothers should not ride the Modobag. Do not exceed the maximum weight limit (rider) specified in this manual. If you exceed the maximum weight limit, you are at greater risk of falling and injury, and damage to the Modobag could result.

- Do not jump off a moving Modobag. Always come to a stop before getting off.
- Do not wear loose clothing that can catch in the wheels and cause you to lose control.
- Never ride on stairs/escalators or through revolving doors as it is extremely dangerous.
- Do not ride in the dark. Do not ride the Modobag in low visibility conditions. To ride safely, you must be able to clearly see what is in front of you and you must be clearly visible to others.
- Be alert. As with any other form of transportation, you must be mentally alert to safely ride a Modobag. Do not attempt to ride if you are ill or if you cannot comply fully with the instructions and warnings in this manual. Do not ride under the influence of alcohol or drugs. Avoid distractions. Do not use a mobile phone, listen to headphones, or engage in any other activity that might distract you or interfere with your ability to monitor your surroundings while riding.
- While the Modobag is designed to keep you upright, you can still fall over by aggressively turning or leaning.
- Be prepared to stop. Be especially careful when approaching crossing intersections, corners, doorways, and other areas with limited visibility where you may need to slow down or stop to avoid motor vehicles, bicyclists, or pedestrians.
- When riding, keep both hands on the handlebars and both feet on the foot pegs. Be relaxed. Ride in a relaxed upright position with your knees and elbows bent, feet parallel to the ground, and head up. Do not attempt to carry any object in your hand(s). If you need to carry any object, use the Modobag's packing area. The Modobag is not intended or permitted for use on roads.
- Do not insert the power cord if the Modobag Charge Port on the dash or the plug on the charger is wet.

- Avoid slippery surfaces, loose materials, steep slopes, and obstacles. If you cannot avoid a slippery surface, loose material, steep slope, or obstacle, then you must carry or tow your Modobag to move across it. Be especially careful when riding in confined spaces or near obstructions.
- Use caution on slopes. Use caution when ascending, descending, or crossing slopes. Do not attempt to ride across any slopes with loose material or slippery surfaces. Instead, step off and carry or tow your Modobag to move across it. When riding across any slope, lean uphill to maintain balance.
- Watch those turns! Always turn slowly and with caution. Fast turns can lead to loss of control and falls.
- Lean slightly into turns.
- Do not take risks. When you encounter a slope, uneven terrain, or other terrain that is not smooth, or that makes you at all concerned about your safety, do not risk riding over it. Instead, step off and carry or tow your Modobag.
- Use caution when riding in the vicinity of doorways, archways, branches, signs, or other low overhead.
- Always sit on the padded area of the Modobag in the upright position. Leaning back or sitting back too far can cause you to fall backward.
- Do not ride the Modobag if you suffer any impairment to balance.
- The Modobag has not been designed, tested, or approved as a medical device. You must be able to get on and off the Modobag unassisted, which requires physical abilities similar to sitting on a 14" chair and standing from a sitting position without assistance and without holding a handrail.
- Do not modify the Modobag. Modifications to the Modobag could interfere with the operation of the Modobag, resulting in serious injury and/or damage, and will void the Modobag Limited Warranty.

It is important that you familiarize yourself with the operating limits of the Modobag. These limits are set to maximize rider safety while reducing the risk of damage to the Modobag. The Modobag will perform better and more safely when you observe these limits.

### Rider Weight Limits

The maximum rider weight is 260 lbs (118 kg). Exceeding the maximum weight limit increases the risk of damage to the Modobag. Heavier payloads place greater stress on the Modobag and result in injury to the rider or damage to the Modobag.

#### WARNING

Exceeding the weight limits, especially when combined with other conditions that require more power, will increase your risk of falling or damaging the Modobag.

Such Conditions include:

- Higher payloads (weight of rider and contents of the bag)
- Steeper slopes
- Outdoor speed
- Abrupt maneuvers



## Avoiding Hazards & Falls

The Modobag is highly maneuverable and allows you to easily navigate around obstacles. However, to prevent the loss of traction and a risk of falling, you must always be careful when riding. Learn to identify and avoid slippery, icy or wet surfaces, loose materials (sand/gravel), and steep slopes. Stop and dismount your Modobag and use the tow handle to move your Modobag over unsafe surfaces or terrain.

The Modobag wheels must be able to grip the ground to stay in control. Slips occur when the wheels lose traction, potentially causing loss of control and a fall. Abrupt maneuvers, riding over slippery surfaces, loose objects and materials, or steep slopes can cause the wheels to lose traction. To minimize these risks, do the following:

- Avoid abrupt maneuvers, such as fast stopping or starting and quick turns.
- Do not ride on slippery surfaces such as snow, ice, wet floors, or any other surface that might cause slipping.
- Avoid riding over loose objects or materials such as small branches, litter, or small stones.
- Avoid riding on any terrain with carpet, cracks, bumps or thresholds - Modobag is designed for smooth surfaces only.
- Avoid riding on steep slopes and always keep wheels in contact with the ground.
- Avoid riding over any surface where the bottom of the Modobag may strike any object.
- Avoid holes, curbs, steps, and other obstacles.
- Lean slightly into turns.
- Avoid turning on slopes or ramps.
- Lean uphill when riding across gentle slopes.
- Never let go of the handlebar when riding.

# Riding Introduction

It is important that you practice riding in a controlled, familiar environment until you are comfortable using your Modobag. Before riding, make sure your Modobag is charged. See "Charging Your Battery". Inspect your Modobag before each use (see "Pre-Ride Checklist" on the back cover of this manual). Do not ride if any part is loose or damaged, and see "Maintaining Your Modobag".

- Your posture and stance affect your ability to ride safely. Make sure you are seated in the padded area of the Modobag - sitting too far back or leaning backwards dramatically increases the risk of collisions, falls, and loss of control.
- Be alert. Scan both far ahead and just in front of the Modobag; your eyes are your best tool for safely avoiding obstacles and slippery surfaces.
- Keep a firm grip on the handlebar, and maintain an upright sitting position with your knees and elbows bent. This helps you maintain your balance.
- Leave a gap between yourself and the handlebar. Do not lean over or onto the handlebar. Doing so dramatically increases the risk of collisions, falls, and loss of control.
- Keep your feet parallel with the ground on the foot pegs - pointing toes down can result in unwanted contact with the riding surface and dramatically increases the risk of collisions, falls, and loss of control.
- Practice controlled stopping - this is your most important maneuver.

# Rider Etiquette

Use proper etiquette when riding your Modobag.

- Be careful and considerate of others.
- Always ride in a controlled manner at a speed that is safe for you and those around you.
- Always be prepared to stop.
- Respect pedestrians by always yielding the right of way.
- Avoid startling pedestrians. When approaching from behind, announce yourself and slow down to walking speed when passing. Pass on the left whenever possible. When approaching a pedestrian from the front, stay to the right and slow down.
- In heavy pedestrian traffic, slow down and proceed at the pace of pedestrian traffic. Pass only if there is ample space to do so safely. Do not weave in and out of pedestrian traffic.
- When riding with other Modobag riders, maintain a safe distance, identify hazards and obstacles, and do not ride side-by-side unless there is plenty of room left for pedestrians.
- Learn about and obey applicable laws and regulations.

## Maximizing Riding Range

- Maximum Range is achieved by riding your Modobag on indoor speed with a steady thumb on the throttle.
- Quick starts/stops use more power and will decrease your range.
- Modobag was designed for smooth hard surfaces; the smoother and flatter the surface, the greater the range.

You will need to become very familiar with your Modobag before you attempt to ride outside of your controlled practice environment. The more you practice, the safer you will be when you move into new places. Remember the following as you practice:

- Use the indoor speed and ride in areas free of obstacles and distractions until you are comfortable on your Modobag. Practice on the Indoor Speed Setting until you can ride, turn and stop with the same precision and confidence as you walk.
- Until you can ride with great precision, do not attempt to ride in any area where you might encounter children, pedestrians, pets, vehicles, bicycles, or other obstacles and potential hazards.
- Your first rides on the Outdoor Speed Setting should be in the same secure areas where you learned to ride on indoor speed.
- Use caution when riding in new environments.
- Do not ride in areas with bad visibility.
- Make sure you leave enough room for comfortable stops.
- Avoid riding over terrain transitions such as cracks, thresholds, extension cords, small stones, litter and other debris.
- Modobag has been designed for smooth non-slip surfaces only.

## Step 1: Preparing for Your First Ride

1. After completing practice rides, select an appropriate area for your first ride. This area may be indoors or outdoors and should measure at least 12 feet by 12 feet (4 meters by 4 meters). It must have a level, smooth riding surface with good traction, should be free of obstructions, away from vehicles, bicycles, pets, small children, and other distractions.
2. Make sure you have read all the instructions and warnings in this manual and watch the Safety Video at <http://modobag.com> before you attempt to ride your Modobag.

## Step 2: Deploy Handlebars

1. Unzip the top compartment to expose the handlebars and dashboard panel.
2. Release the steering column by moving the quick release clamp lever to the left. This will release the handlebars from the locked stowed position.
3. Place both hands on the handlebars and pull straight up. You will hear a click when the steering column are fully extended to the full upright position.
4. Lock the steering column in riding position by moving the quick release clamp lever to the right.  
**IMPORTANT** The steering column should always lock firmly in place when the quick release clamp lever is in the locked position. If it does not lock firmly in place, tighten the finger nut on the quick release clamp by turning it clockwise so the steering column moves up and down easily when in the unlock position and locks firmly when the quick release clamp lever is in the locked position.

### **Step 3: Deploy Foot Pegs**

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Release the foot pegs by pulling them out from the top of the foot peg channel with your fore finger. The foot pegs will snap down from stowed position to riding position. You will hear a click when they are fully extended and pegs will be parallel to the ground.

### **Step 4: Set Speed Setting to Indoor Speed (Low)**

The speed button is the second button from the left side of your dashboard directly to the right of the power button. Be sure the Indoor (Low) Speed Setting is enabled by confirming the button is pressed inwards.

#### **WARNING**

For your first ride, remain on indoor speed, no matter where you are riding. Make turns at a slow rate of speed to familiarize yourself with the turning capabilities and balance of the Modobag.

## **Step 5: Stopping / Braking**

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1. Stop the Modobag by applying pressure to the brake lever on the left side of the handlebar - it is very similar to the brake control on a bicycle.
2. Once stopped, place your feet on the ground to remain stationary. If you push your feet back, you will move backward.
3. Practice choosing a spot on the ground, and coming to a smooth controlled stop at that spot.
4. If at any point you don't feel the Modobag stopping, use your feet to stop.

### **WARNING**

Always perform a controlled stop. Avoid abrupt stops. Come to a controlled stop by gently increasing pressure to the brake lever. Modobag brakes will not work if they are wet increasing the risk of collision or fall. Avoid riding your Modobag in the rain or on wet surfaces. Stopping abruptly, especially on slippery surfaces, can cause the Modobag wheels to lose traction, skid, and cause you to fall.

## **Step 6 : Powering On the Modobag**

Power on your Modobag by pressing the power button. The power button is located on the left side of your dashboard. The lights on the dashboard will illuminate to indicate the power is ON.

## **Step ) : Moving Forward**

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1. Sit on the padded area in the center of the Modobag.
2. Hold the handlebar with both hands.
3. Place your feet parallel to the ground on the foot pegs
4. Stay calm and relaxed. Look forward.
5. The thumb throttle is located on the right hand grip. Press it very gently to begin moving.

### **NOTE:**

Always keep your left hand in a position ready for braking. If you feel unstable, place your feet on the ground.

## **Step 8: Turning**

Do a controlled turn by gently turning the handlebars in the desired direction at low speed. Turns should always be made slowly and gradually with a slight lean in the direction of the turn. Practice turning to the right and to the left using this technique.

### **WARNING**

Avoid abrupt turns on any surface. Turning abruptly, especially on slippery surfaces or slopes, can cause the Modobag to tip over and cause you to fall. Turns should always be made slowly and gradually. If you ever feel unstable, place your feet gently on the ground to stop and maintain balance.



## Towing Your Modobag Behind You

- The towing handle is located behind the seating area.
- Push the the button in to release the handle and extend until it locks in place.
- You are now ready to pull your Modobag behind you.

**IMPORTANT:** If your bag sways, shakes or wobbles when being pulled, you have not properly locked the handlebar in the down position. The handlebars must be lowered all the way down and the clamp at the base of the handlebar must be locked in order for the Modobag to tow straight.

## Stowing Your Modobag

- Power the Modobag off.
- Unlock the handlebar clamp.
- Lower the handlebars carefully while avoiding contact with the zipper and cover material.
- Re-lock the handlebar clamp and zip the compartment closed.
- Return the towing handle to closed position.
- Return the foot pegs to their stored position.
- Make sure you have removed devices from the side pockets.
- Lift your bag by the two handles in the front and rear.

**IMPORTANT:** When the handlebars are lowered, make sure they do not snag the zippers or bag cover material. Push all the way down and lock the clamp at the base of the handlebar.

# Charging the Battery

In order to maintain the best performance from your Modobag Nano-safe battery, fully charge the battery for 2 hours when you receive your Modobag and only use charging devices approved by Modobag.

- The dashboard panel indicates Modobag's battery charge level.
- Verify that the Charge Port, Power Cord, and AC Power outlet are clean, dry, and free of debris.
- To recharge, insert the charger into the charging port on the dashboard panel and plug the AC power cord into a standard outlet or power source. Use appropriate adapters for international charging.
- The charger light will turn red to indicate charging and green when fully charged.
- Typical time to a full charge is 2 hours.
- 80% charge is typically reached in approximately 15 minutes.
- Store your device(s) in Modobag's padded compartments while charging with the USB's.
- Note: The Modobag must be powered "on" in order to charge your devices.
- Always unplug Charger before using the Modobag.

Charging times may vary depending on the following:

- Amount of charge already stored in the battery. The lower the battery charge level, the longer it will take to complete the charging process.
- Temperature

# Modobag Nano-Safe™ Battery System

Modobag is powered by a Nano-Safe™ Battery System, one of the safest and most advanced carbon-free battery systems in the world. We are among the first retail travel products to use this patented nanocrystal technology, which complies with air travel regulations of the Federal Aviation Administration (FAA), Transportation Security Administration (TSA) and International Air Transport Association (IATA). Modobag's battery system exceeds tests for battery safety known as the U.N. 38.3 Tests and Criteria, as well as the stringent SAE G27 battery requirements for hazardous material transported on aircraft. Included on each Modobag battery is a specification compliance label for safe air travel.

## **WARNING**

Do not use a battery if the battery casing is broken or if the battery emits an unusual odor, smoke, or excessive heat or leaks any substance. Keep battery out of reach of children and pets. Exposure to Battery voltage could result in death or serious injury. Do not attempt to open the battery, battery casing, or any electrical components.

- As with all rechargeable batteries, do not charge near flammable materials or open flame.
- Do not submerge the battery or Modobag in water.

### **Is Modobag's battery safe to take on-board an aircraft cabin?**

Yes, it is! Modobag's battery has a rating of 93.6 watt hours. As per Federal Aviation Administration (FAA) guidelines, passengers may carry all consumer-sized lithium style batteries up to 100 watt hours in their carry-on luggage.

### **What if my airline requires me to check my Modobag into the luggage hold?**

In the event on-board capacity is full or certain carriers have additional carry-on restrictions, some airlines recently announced that travelers using SMART luggage would need to remove batteries prior to checking bags in a plane's cargo hold, beginning January 15, 2018. While Modobag is designed as a carry-on, and our battery systems are among the safest in the world, they can be removed to address these requirements. Please review our video on how to properly remove/replace the Modobag battery at <http://modobag.com/manual.html>

### **What is the speed of the Modobag?**

Modobag indoor speed is 4mph and its outdoor speed is 7mph. It is recommended travelers use the indoor setting for use in crowded areas such as airport terminals.

### **Will weather affect how I use the Modobag?**

Yes, do not ride your Modobag in the rain, snow or on wet surfaces as it will severely reduce braking ability.

### **Does Modobag come with a warranty?**

Modobag warrants to the original registered purchaser that their Modobag will be free from defects in material and workmanship for one year. If you experience a break or malfunction with your Modobag, please contact [support@modobag.com](mailto:support@modobag.com).

## Contact and Legal Information

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### Report All Incidents

If you or any other user of your Modobag is involved in an accident, or if your Modobag performs in a way that you do not intend or in a way that it is not supposed to, contact Modobag Customer Care.

### How to Reach Us

E-mail: (English-language only) [support@modobag.com](mailto:support@modobag.com)

Phone: +1 (312)869-2008

### Obey All Laws and Regulations

Since many governmental authorities regulate use for all different things, we ask that you consult local authorities to become familiar with applicable laws and regulations. At this point we are not aware of any limitations on luggage and have met the UN 38.3 (UNDOT) Global Certification for Safe Air Transport. In addition, some governmental authorities may have riding requirements, these laws and regulations may prescribe minimum ages for users and mandate protective gear for riders.

**IMPORTANT: The Modobag Manual is subject to change; please check [Modobag.com](http://Modobag.com) for the latest version and updates.**

# Pre Ride Checklist

- Inspect your Modobag before each use.
- Make sure you are fully charged
- Check all wheels for damage
- Test your brake by rolling forward with your feet and pressing the brake lever
- Make sure your handlebars lock tightly in the down and upright positions. (see manual "Riding your Modobag", Step 2 "Deploying your Handlebars")
- Bring your charger
- Bring your Battery Specification Card
- Do not use your Modobag if any part is loose or damaged. If you discover a loose or damaged part, contact Modobag at [support@modobag.com](mailto:support@modobag.com)
- Ride Safe and Ride On!

## Modobag Limited Warranty

Modobag, Inc. warrants that for a period of one (1) year from original date of retail purchase by the original end-user purchaser, the product will be free of defects in materials and workmanship under normal use. In the event of a defect, please contact Modobag Customer Support (support@modobag.com ) for assistance. Any product(s) damaged in shipping (when ordered from Modobag direct) or defective product(s) must be returned directly to Modobag in the original box or adequate cardboard packaging, freight prepaid. You must request a Return Authorization Number (RMA#) from Customer Support and it must be included with the product. This warranty does not apply to products damaged by misuse, abuse, negligence, accident, repairs or alterations outside of our facilities, transport damage (by airlines for example), lack of proper maintenance and normal wear and tear. If the warranty applies, Modobag will repair or replace the product at our discretion. To the extent not prohibited by law, in no event will Modobag, Inc. be liable for injuries to persons or property, for incidental, contingent, special, punitive, consequential damages or death arising from the use of this product. This includes incidental travel related losses due to Product failure, such as replacement cost of clothing or other valuables, airline or hotel change fees, meals, transportation or any other incidental costs related to the loss or damage of Modobag Products in transit. In addition, Modobag explicitly waives all liability for loss of use, revenue, profits or business and opportunity. All implied warranties of merchantability or fitness for a particular purpose are limited to the duration of this warranty. Modobag disclaims all other expressed or implied warranties or conditions. Some jurisdictions do not allow limitation on how long an implied warranty lasts, or the exclusions or limitations of incidental or consequential damages, so the above limitations or exclusions may not apply to you. This warranty gives you specific legal rights and you may have other rights, which vary according to your jurisdiction.