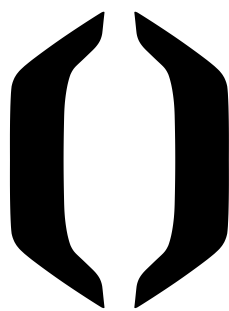




USER GUIDE

**INBOARD TECHNOLOGY
SANTA CRUZ | CALIFORNIA**

For the latest updates to this User Guide, questions, video tutorials and additional help, please visit support.inboardtechnology.com



I N B O A R D

DESIGNED IN
SANTA CRUZ

Inboard Technology Inc.
Santa Cruz, California

support@inboardtechnology.com

CONTENTS

02	.....	Note From the Team
03	.....	Introduction
05	.....	Safety
06	.....	The M1™
07	.....	In Your Bag
08	.....	Start Riding
09	.....	Download Inboard Vision™
10	.....	The Fundamentals / How To Operate
15	.....	Safety Tips
18	.....	Battery Safety
19	.....	Flying With Your M1 & Battery
20	.....	Operating Limits
21	.....	Maintenance
22	.....	Troubleshooting
23	.....	Recording Serial Numbers
25	.....	Warranty
26	.....	Certifications
28	.....	Copyright, Trademarks, Patents
29	.....	Contact



NICE PURCHASE

What you have before you is something special. It's the culmination of our blood, sweat and tears. It started as a passion project that took on a life of its own.

Introducing the M1, the next generation of electric skateboards. With powerful dual in-wheel motors and the ability to change batteries on the fly, the M1 turns every distance you travel into a thrill ride.

We are a team of passionate designers, engineers and athletes that are inspired by you, the rider. We aren't driven by statistics or competitors. We are driven to create a product that is fun and exciting. A product that you will want to ride again, and again, until you can't imagine how you got from point A to point B without it. There's a road of possibility before us, and we plan to skate it. We're glad you decided to come along for the ride.

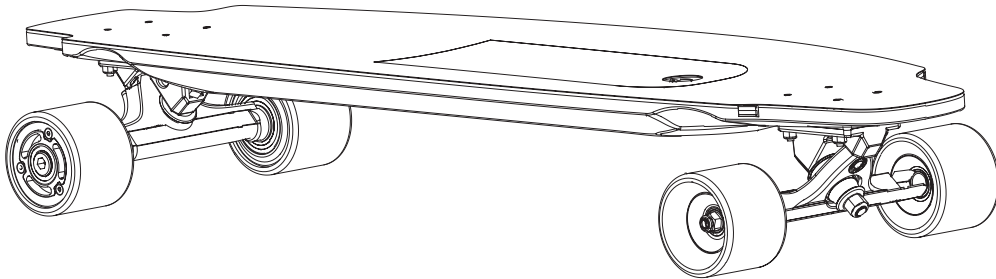
Welcome to Inboard.

Sincerely,

Ryan Evans, Theo Cerboneschi, and the rest of the Inboard Team.

INTRODUCTION

The Inboard M1 is the first skateboard with motors in the wheels. From its streamlined look to its feel under foot, every detail of the M1 is based on rider first design. The M1 is an electric skateboard designed from the ground up for riders of all skill levels.



Let us help you get riding! Visit inboardtechnology.com/quickstart for a quick, step by step guide to get you up and moving on your M1.

Be safe, have fun, and stay in touch!

TECHNICAL SPECIFICATIONS

- Top Speed: 20 mph / 32 kph
- Power: 1000 watts continuous, 1600 watts max
- Battery Range: 7-10 miles / 11-16 km (43.2v / 97 Wh / Lithium-ion)
- Board Weight: 14 lbs / 6.4 kg
- Max Rider Capacity: Tested to 280lbs / 127 kg
- Braking System: Electronic Regenerative Braking
- Throttle Control: RFLX Remote or Vision Mobile App
- Connectivity: Bluetooth Low-Energy
- Wheels: 80mm
- Charge Time: 90 min
- Batteries: Swappable - Never wait to ride
- Deck Material: Lightweight wood-core composite
- Deck Flex: Stiff - designed for speed and stability
- Deck Dimensions: 37.5" x 10.25" / 95.25 cm x 26 cm
- Temperatures between 0-40 °C / 32-104 °F

DANGER: RISK OF DEATH OR SERIOUS INJURY

Similar to any skateboard, whenever you ride an Inboard M1 electric skateboard, you may risk death or serious injury from loss of control, collision and falls. All riders should read, understand, and abide by the terms and conditions of the user guide when riding. For the most up-to-date version of this user guide visit support.inboardtechnology.com.

GENERAL SAFETY INSTRUCTIONS

PLEASE CONSIDER IMPORTANT SAFETY TIPS BELOW

- ALWAYS wear a helmet and protective gear such as knee pads, elbow pads, wrist pads and a padded jacket when riding.
- DO NOT ride your M1 in environments, or at inclines and speeds where you would not safely be in control of an unpowered skateboard. In the event of wireless interference or battery fault, you may need to rely on skating techniques like foot-braking or sliding to stop. For more information, visit the online tutorials at support.inboardtechnology.com.
- AVOID riding on wet/uneven surfaces, steep hills, cracks, railroad tracks, gravel, rocks, in traffic, or on any obstacles that could lead to a loss of traction and cause a fall.
- DO NOT ride the board if you are under the influence of alcohol or drugs.
- DO NOT ride the board if you are under the age of 16 years old.
- DO NOT ride in places with poor visibility.
- KEEP fingers, hair, and clothing away from motors, wheels and all moving parts.
- DO NOT open or tamper with electronics housings; doing so will void the warranty.
- USE CAUTION around the Manta Drive™. It is capable of rotating the wheels at very high speed. KEEP loose clothing, hands, and other body parts AWAY from the Manta Drive whenever operating. This may cause serious injury and/or damage to the M1.
- DO NOT touch the Rear truck or the Manta Drives after extended use. Manta Drive and truck will get HOT and may cause serious burns. Allow time for these areas to cool before touching.
- The Inboard M1 is not a toy.
- Be prepared to stop by a means other than the RFLX™ Remote or Inboard Vision mobile app as braking power will be reduced above 24 mph / 38 kph.
- It is expected that you, the user, are able to stand on and operate a standard non-powered skateboard before riding the M1.
- DO NOT RIDE THE M1 AT SPEEDS OR IN ENVIRONMENTS YOU WOULD NOT NORMALLY RIDE A STANDARD NON-POWERED SKATEBOARD.

BATTERY OVERCHARGE

WARNING: RISK OF INJURY OR DAMAGE TO THE M1

Overcharging may occur if you brake for a long period of time with a fully charged battery. Avoid excessive braking down long, steep hills or mountains on a fully charged battery. Discharge some energy before braking downhill for an extended period of time to avoid this.

BATTERY BAY

WARNING: RISK OF ELECTRIC SHOCK OR FIRE

The presence of moisture or water in the battery bay poses a serious risk of electric shock or fire. Keep this area clean and dry at all times.

MANTA DRIVE

DANGER: BURN RISK

DO NOT touch the Rear truck or the Manta Drives after extended use. Manta Drive and truck will get HOT and may cause serious burns. Allow time for these areas to cool before touching.

THE M1: WATER RESISTANCE vs. WATERPROOFING

Use caution around water.

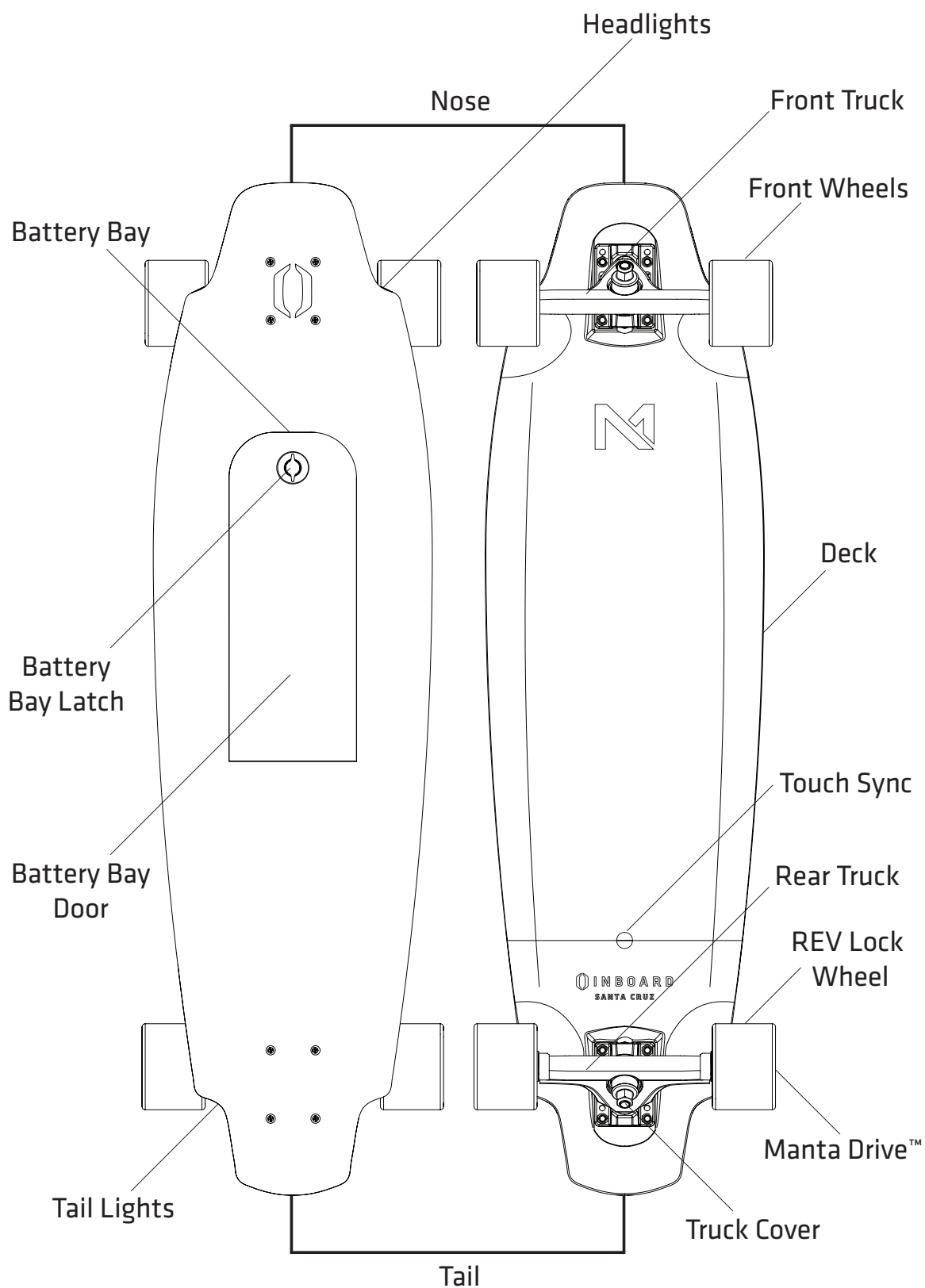
The exterior of the M1 is water resistant. That means you can ride through puddles, occasionally splash the M1 with water, and not worry about damaging it.

But the M1 is NOT waterproof. That means you can't take a bath with your M1, or take it swimming in a lake or a pool. Think of your M1 like a cat, cat's are water resistant, they'll drink water, maybe tolerate some light splashing...but don't try and give a cat a bath, you'll have a bad time. The same goes for your M1.

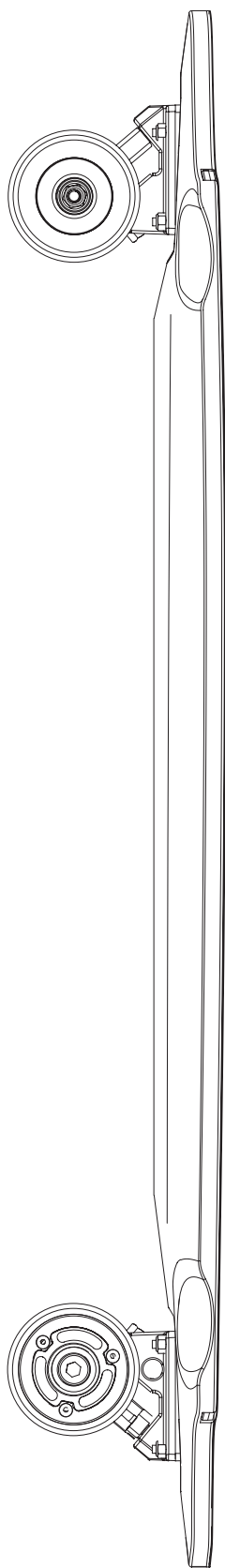
Keep in mind wet conditions could be potentially dangerous, resulting in loss of traction.

Keep water away from the interior of the M1, especially the Battery Bay. The presence of moisture or water inside the battery bay poses a serious risk of electrical shock or fire. Keep this area clean and dry at all times. **THE INSIDE OF THE BATTERY BAY IS NOT WATER RESISTANT**. If water DOES get inside the battery bay, it is best to immediately remove the battery, wipe up excess water, and put the M1 in a cool, dry place and allow the M1 enough time to dry out.

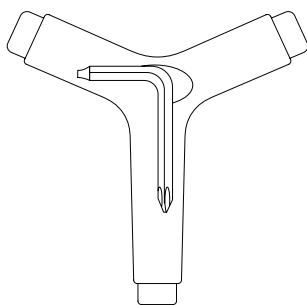
THE M1™



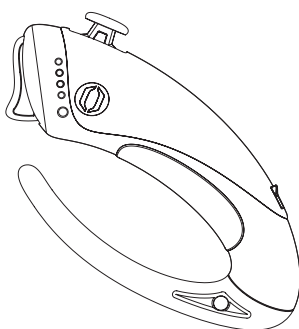
IN YOUR BAG



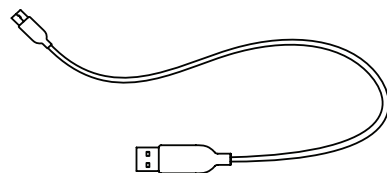
M1™ Electric Skateboard



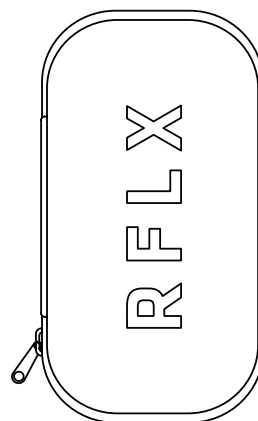
Skate Tool



RFLX™ Remote



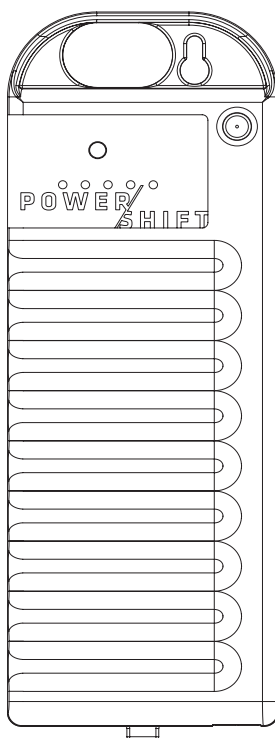
RFLX™ USB Charging Cable



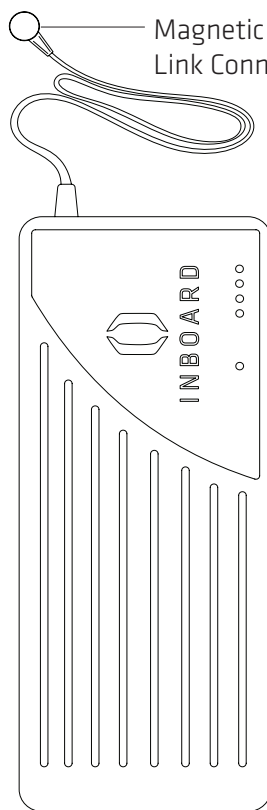
RFLX™ Remote Case



Magnetic Power
Link Connector



PowerShift™ Battery

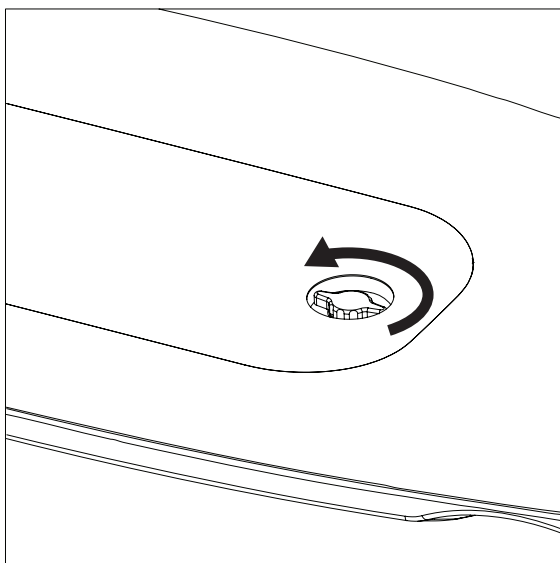


Battery Charger

START RIDING

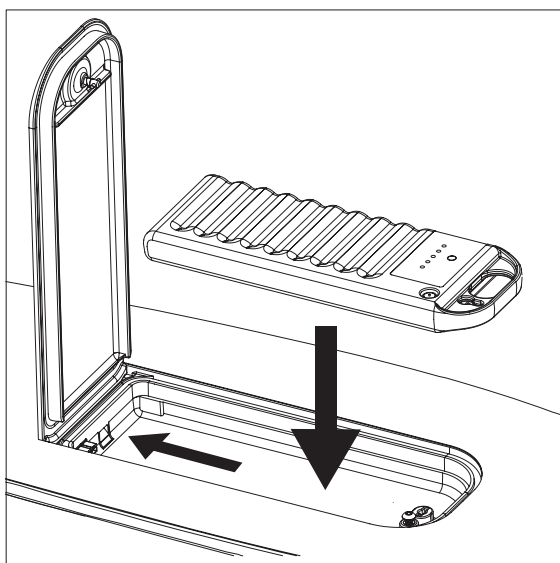
STEP 1

CONNECTING YOUR POWERSHIFT BATTERY



Rotate the Battery Bay latch counter-clockwise. Open and remove Bay Door.

DO NOT RIDE M1 WITHOUT A BATTERY INSIDE THE BATTERY BAY. YOU MAY CRACK OR BREAK THE BATTERY BAY DOOR.

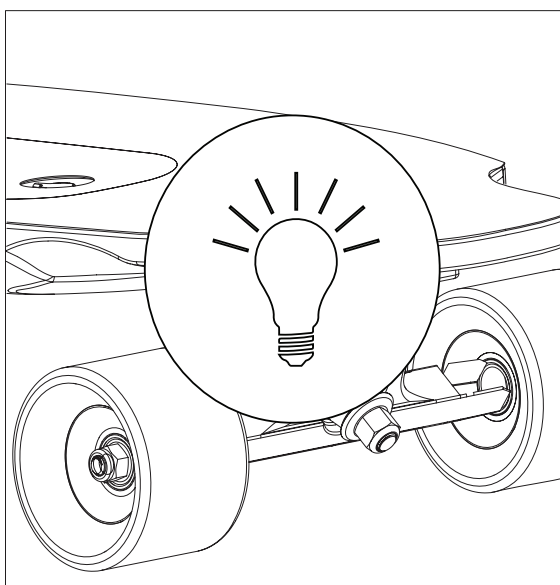


Place PowerShift Battery directly down into the Battery Bay. Align hole at top of battery with post in the battery bay.

Gently slide back until engaged. Close Door and secure latch.

Bay Door will not close unless battery is fully engaged.

Do not force door closed.



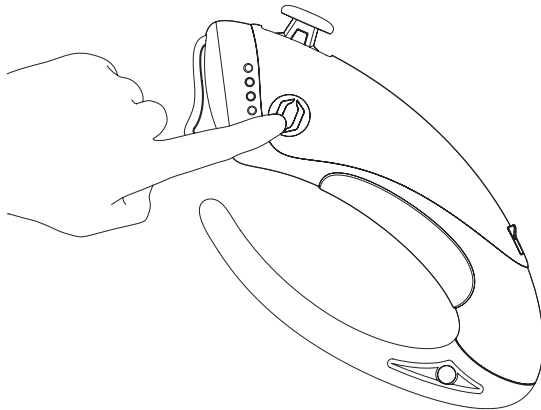
When the battery is properly installed, your M1's LEDs will flash once.

Your board is ready to be paired.

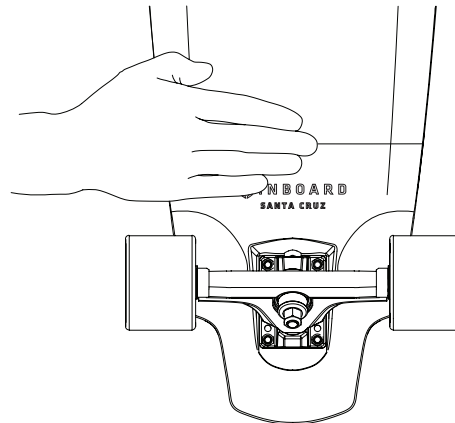
STEP 2

PAIR YOUR RFLX REMOTE

A. Turn on RFLX Remote



B. With 3 fingers, tap the Touch Sync, then tap again and HOLD.

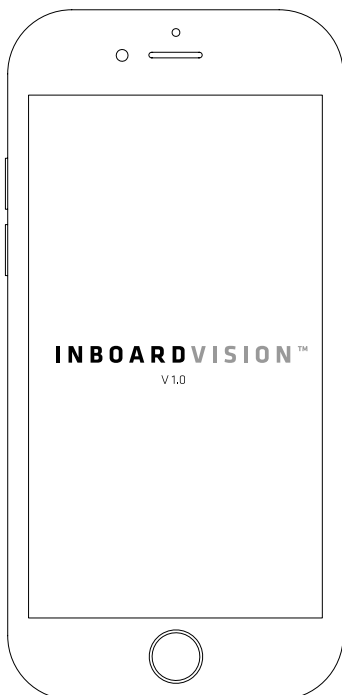


DONE !

NOTE: The M1's LEDs dim while pairing. When the remote and board are paired, the LEDs will return to ON and the remote will beep. Your M1 is now ready to ride!

★ **Your M1 and RFLX remote will only need to be paired once.** They will remember each other after being powered off or having the battery removed. There may be circumstances where you need to repair the M1 & RFLX remote, if that happens follow the above steps.

DOWNLOAD THE INBOARD VISION MOBILE APP



COMING SOON

The Inboard Vision App allows you to control the following from your mobile phone:

- Turning LEDs on/off
- Using M1 throttle
- Receiving firmware updates and more!

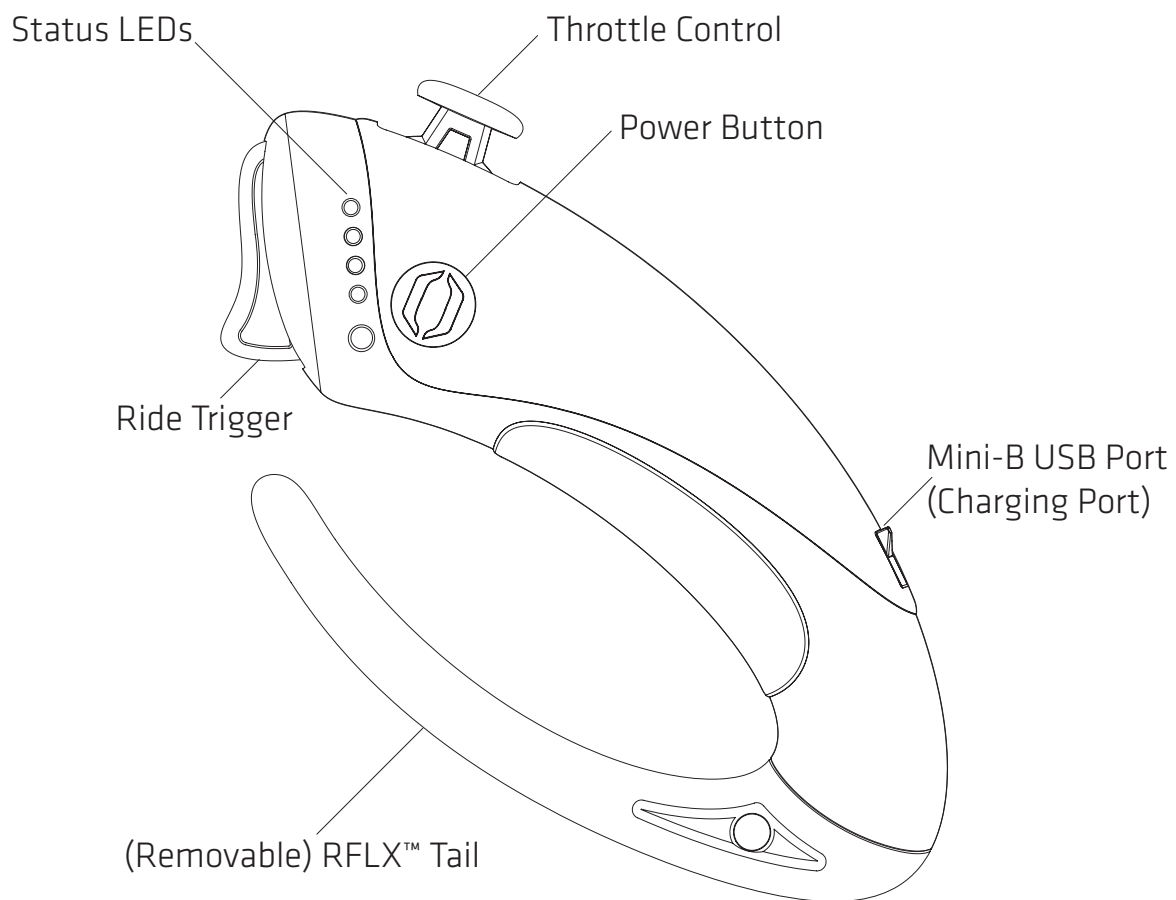
Make sure you check to see if there is a new version of the M1 firmware via the Inboard Vision Mobile App. Inboard will be rolling out more features and functions over time through firmware updates, only available via the Inboard Vision Mobile app. Go to the App Store to download the Inboard Vision Mobile App!



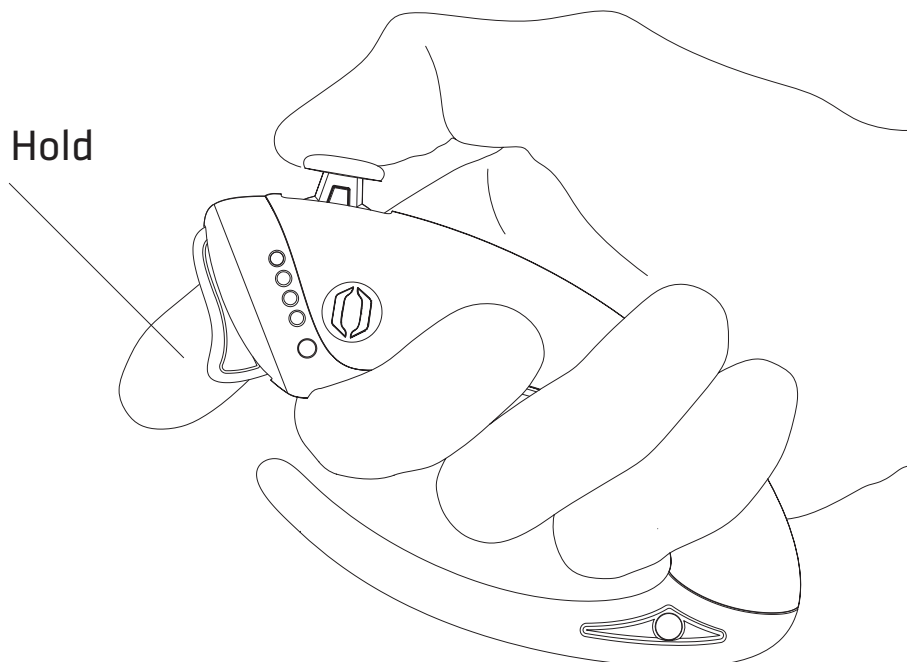
WARNING: Whenever using the Inboard Vision Mobile App, set your phone to Airplane Mode. If you receive a call or notification while operating the in-app throttle, you will lose your ability to control the M1. Always be prepared to stop by a means other than the RFLX Remote or Vision App.

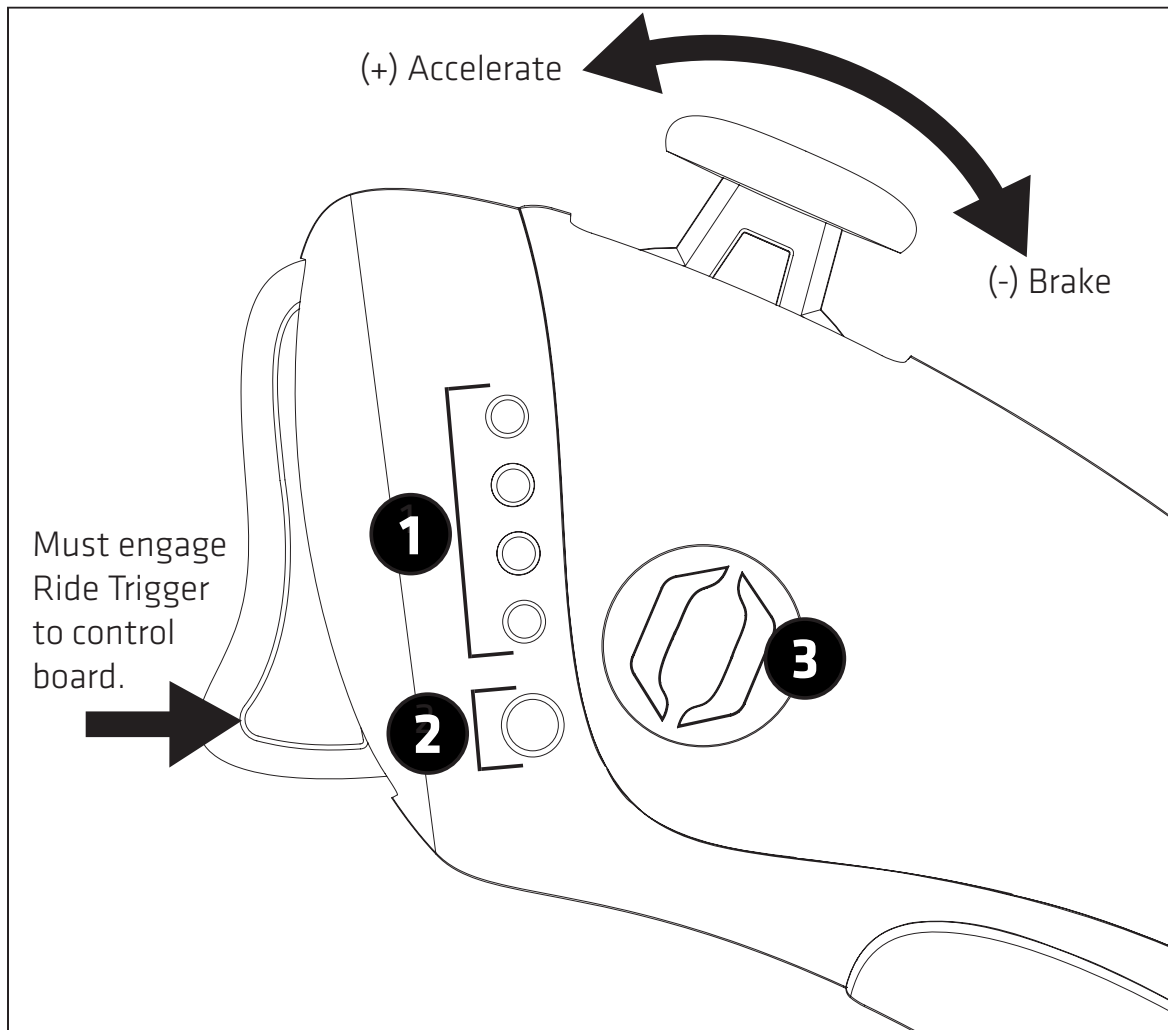
THE FUNDAMENTALS

RFLX™ REMOTE



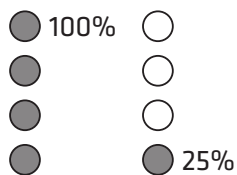
How to Hold





1 M1 Battery Life

Double click Power Button on RFLX Remote to see [M1 Battery life](#).



2 RFLX Remote Battery Life

Green = Good 20-100%

Red = Low 20%

Blinking Red = **DANGEROUS** Very Low 0%

3 Turn On / Off LEDs

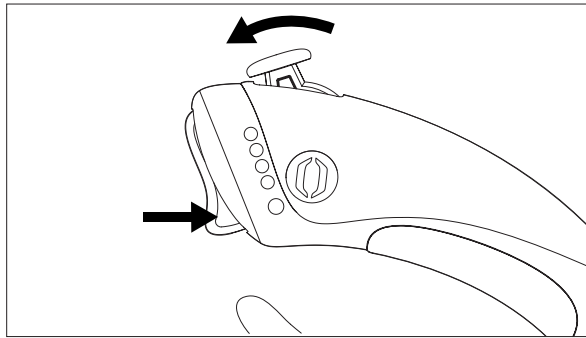
Hold Ride Trigger and tap Power Button to turn the LEDs on or off.

TO OPERATE REMOTE

The RFLX Remote's Ride Trigger button is a safety feature of the M1. The Manta Drive will not spin if the Ride Trigger is **NOT** depressed.

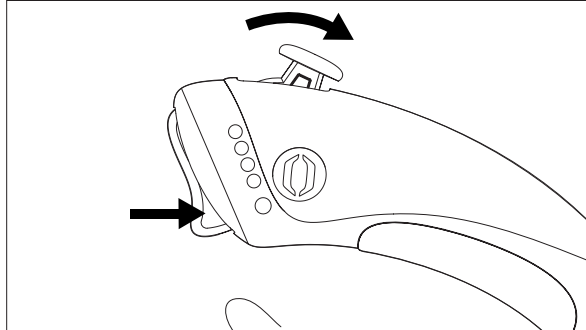
To move the M1 Forward:

Press & hold the Ride Trigger, then push forward on the Throttle Control (away from your body). You're M1 will now move forward and continue to accelerate as long as you have the Ride Trigger & Throttle pushed forward.



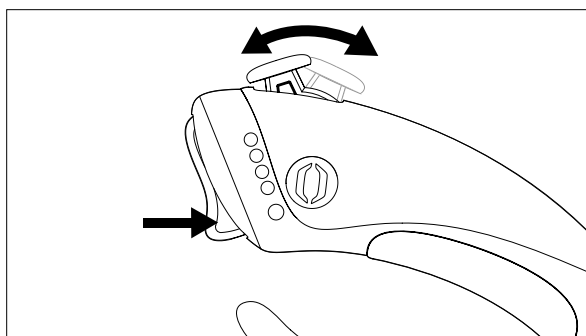
To move the M1 in Reverse:

Press & hold the Ride Trigger, then pull the Throttle Control backwards (toward your body). Your M1 will now move in reverse and continue to accelerate as long as you have the Ride Trigger & Throttle pulled back.



To Brake the M1:

Press & hold the Ride Trigger, then pull the Throttle Control in the opposite direction of travel. For example, if you're moving forward, you can brake by pulling the throttle towards your body while holding the ride trigger. If you're moving forward, pull back on the Throttle Control, this will cause the M1 to brake.



M1 RIDING MODES

The Inboard M1 has different riding modes that can be easily accessed. We built the riding modes to accommodate different levels of rider experience. All M1's ship in Beginner mode, to give everyone the easiest learning curve. You can easily change the M1 through the RFLX Remote of the Inboard Vision Mobile App.

NOTE: In order to change modes, the M1 must NOT be moving.

1. Beginner Mode (DEFAULT):

- Maximum speed of 5 mph / 8 kph
- Acceleration curve - Moderate
- Braking - Standard

2. Intermediate Mode (MAX IN GERMANY):

- Maximum speed of 14 mph / 22 kph
- Acceleration curve - Standard
- Braking - Standard

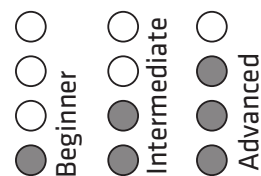
3. Advanced Mode:

- Maximum speed of 20 mph / 32 kph
- Acceleration curve - Maximum
- Braking - Maximum

WARNING: More advanced modes will have more aggressive braking and acceleration. Always accelerate and brake GENTLY, until you are accustomed to the new mode settings.

Changing Modes with the RFLX Remote:

- Press Power Button 3 times.
- Audible beep will sound. Status LEDs will illuminate according to current mode.
- Repeat until you are in your desired mode.



Changing Modes with the Inboard Vision Mobile App:

- Open the app.
- Make sure your app is paired with the M1.
- Click on the "MODE" section on the home screen of the Vision App.
- Across the bottom of the app are the mode selector buttons. Select your desired mode and click DONE.

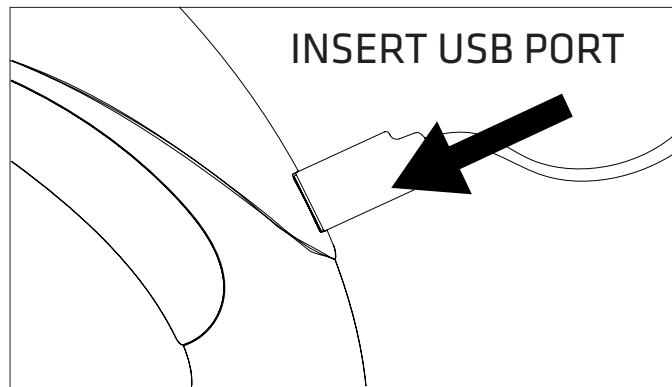
The M1 will remember your chosen mode after it has been turned off, even if the PowerShift Battery has been removed.

CHARGING YOUR RFLX REMOTE

Step 1: Take the RFLX USB Charging cable and plug it into a USB port or USB wall outlet adaptor (Not included).

Step 2: Gently attach the RFLX USB charging cables Male-end Mini-B USB Port into the Female Mini-B USB Port on the RFLX Remote.

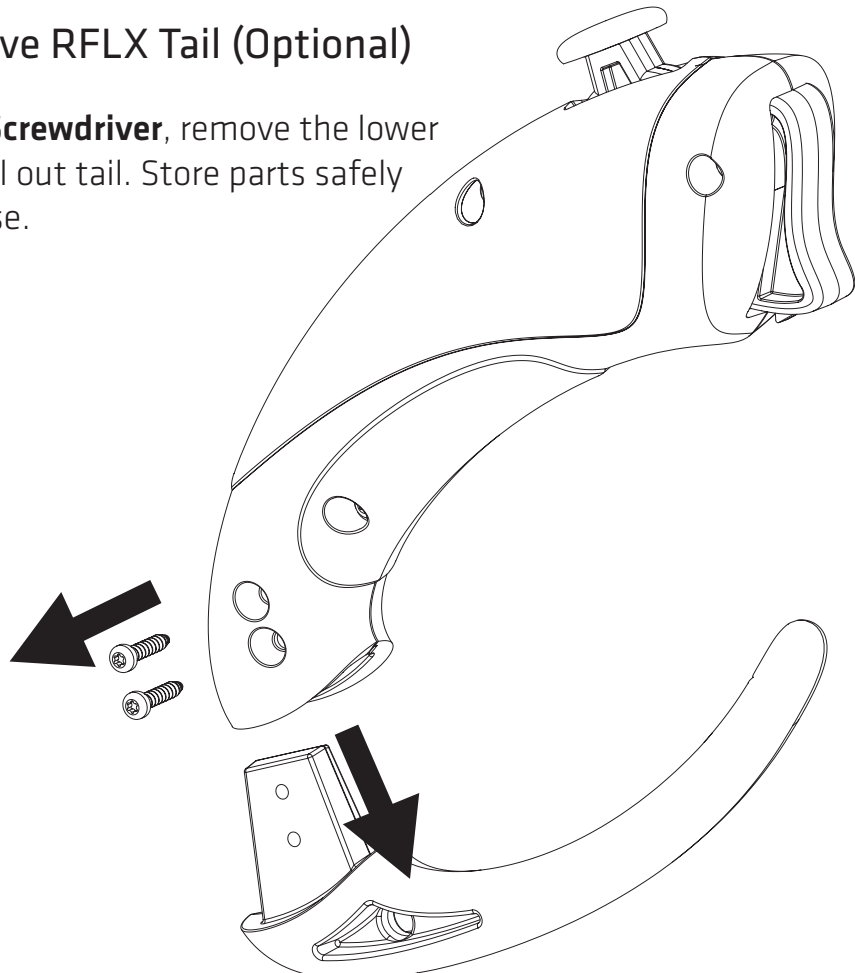
- The RFLX Remote will now start charging.
- The Green LED will slowly pulse to indicate it is charging.
- **Once the RFLX Remote is fully charged the Green LED will stop pulsing and glow constantly. (Full charge is reached in approximately 3 hours).**



NOTE: A fully charged RFLX Remote offers approximately 12 hours of use.

How to Remove RFLX Tail (Optional)

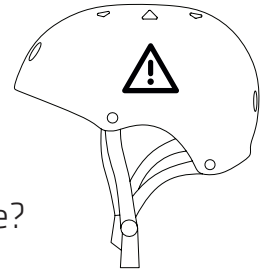
With a **Torx T6 Screwdriver**, remove the lower 2 screws and pull out tail. Store parts safely in your RFLX Case.



SAFETY TIPS

FIRST RIDE CHECKLIST

- ☐ **Am I wearing a helmet and other protective gear?**
- ☐ Is my M1 battery and RFLX remote fully charged?
- ☐ Is my M1 paired to my RFLX remote or mobile app?
- ☐ Is my M1 on a flat and safe (clean and dry) riding surface?

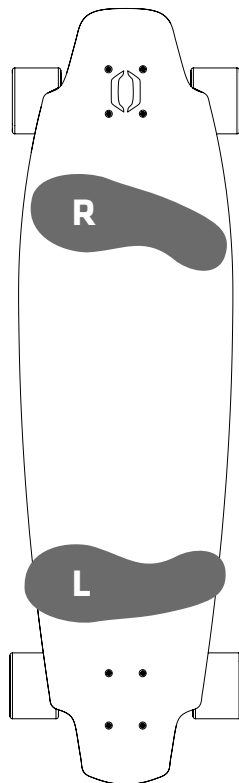


For more help and tutorials, visit support.inboardtechnology.com

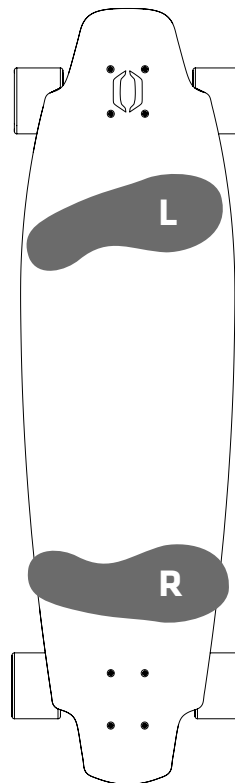
TIPS FOR FIRST TIME RIDERS

NOTE: The foot you instinctively use on the first step of a flight of stairs is your dominant foot. Your dominant foot should be your front foot on a skateboard.

Goofy Footed



Regular Footed



- The throttle on your remote is sensitive. **Accelerate & brake gently.**
- Maintain a wide and low stance on your board - keep knees bent.
- Lean slightly forward when accelerating.
- Lean slightly backwards when braking.
- Keep your eyes facing forward when riding. Scan both far ahead and in front of the M1 - your eyes are your best tool for safely avoiding obstacles and slippery surfaces.
- Practice controlled stopping.

AVOIDING HAZARDS

The Inboard M1 is highly maneuverable and allows you to easily navigate around obstacles. However, to prevent the loss of traction, you must be careful when riding and learn to identify and avoid slippery, icy, or wet surfaces, loose materials (sand/gravel), steep slopes, and obstacles. Stop and step off your M1, pick it up and move it over unsafe surfaces or terrain.

RIDING ETIQUETTE

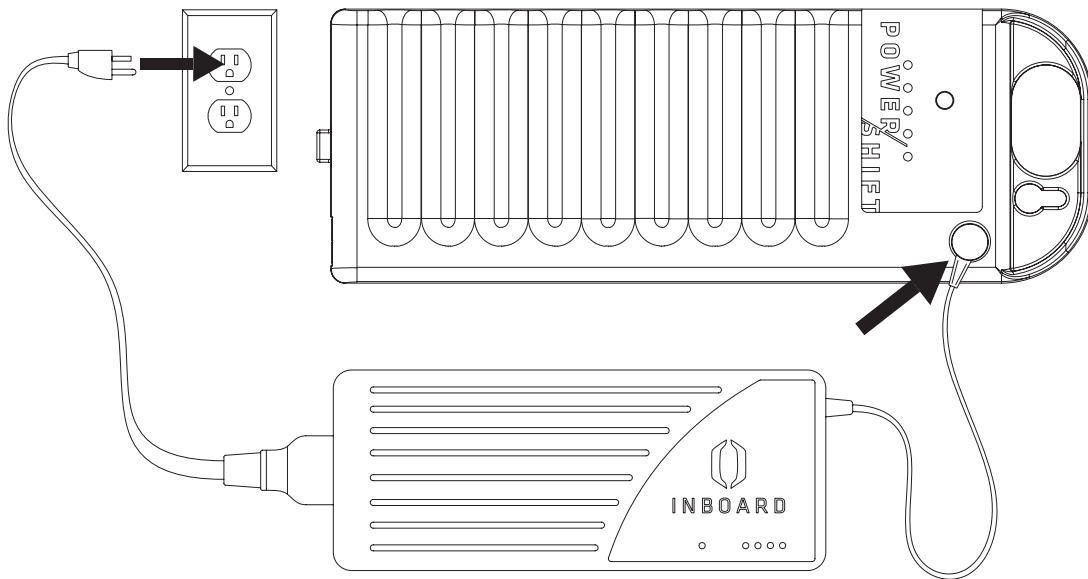
NOTE: Always use proper etiquette when riding your Inboard M1.

- Avoid Collisions
- Be careful and considerate of others.
- Always ride under control 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 traveling on streets, be sure to give motor vehicles plenty of room. Be sure to also wear appropriate safety gear and wear clothing that makes you highly visible to vehicles.
- Avoid weaving in and out of vehicle traffic.
- When riding on streets, obey all posted signs, rules, regulations and traffic laws in your area.
- When possible ride your M1 in designated bike lanes and paths.
- When riding with other M1 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.
- Cross roads at designated crosswalks or signaled intersections. Do not jaywalk/ride.
- Only travel on a road when a pedestrian way is not available or when sidewalk use is not allowed.
- Do not ride your Inboard M1 on private property (inside or outside) unless you have obtained permission to do so.

REPORT ALL INCIDENTS

If you or any other user of your Inboard M1 is involved in an accident, or if your M1 performs in a way that you do not intend or in a way that it is not supposed to, contact Inboard Support via email. support@inboardtechnology.com

CHARGING YOUR POWERSHIFT BATTERY



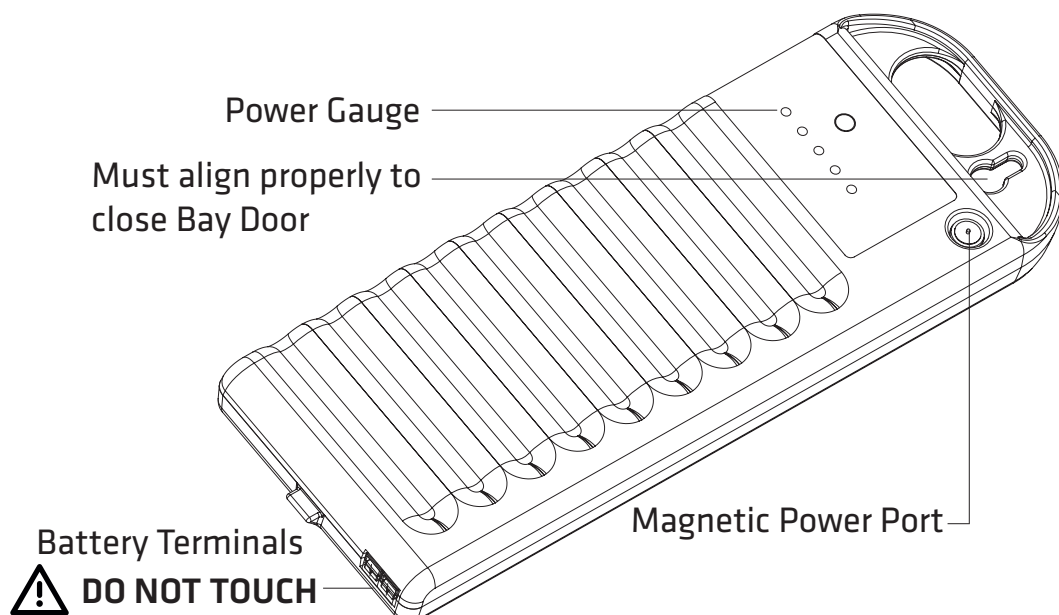
NOTE: Charge time approximately 90 min. Recommended charging temperature range: 0-50 °C / 32-122 °F.

CHARGING STEPS

1. Connect your PowerShift Battery charger to a power outlet
2. Connect the Magnetic Power Link connector from the charger to the PowerShift Battery Power Port

The PowerShift Battery charger LEDs will now light up green and run in a 'charging' sequence.

You will know that your PowerShift Battery is fully charged when the charger's LEDs no longer light in a sequence. To double check, press the status button on the PowerShift Battery, 5 Red Status LEDs will light up indicating the Battery is fully charged.



BATTERY SAFETY

WARNING: The PowerShift Battery pack contains lithium-ion batteries that could explode or cause a fire if they are used incorrectly. Improper use of this product may result in product damage, excess heat, toxic fumes, fire or explosion, for which damages you (“Purchaser”), and not Inboard Technology, Inc. (“Manufacturer”) are responsible. Follow all battery safety instructions.

Inboard Technology works with manufacturing partners to utilize the highest quality and safest materials possible. Therefore, we recommend that you read the following instructions carefully. Before using your PowerShift Battery, carefully check the battery pack. Pay close attention to the protective seal casing to make sure it is undamaged and intact. If in doubt, please contact Inboard Customer Support at **support.inboardtechnology.com**

- Always handle your PowerShift Battery with care and never drop it.
- Store your PowerShift Battery in a safe and dry place. Keep the battery away from all metal objects. Store in temperatures between 0-40 °C / 32-104 °F.
- Only use official Inboard PowerShift chargers that have been specially designed for the PowerShift Battery.
- When charging batteries, keep the charger away from highly flammable materials or products and never leave the charger unattended when in use.
- To store your PowerShift Battery for an extended time period, several weeks or months, first charge it fully, and recharge it at least once a year. This is because lithium-ion batteries that have been left uncharged for too long can no longer be used.
- Keep out of reach of children and pets. Exposure to Battery voltage could result in death or serious injury.
- Unplug or disconnect the M1 from AC power before removing or attaching the PowerShift Battery or performing any service. Never work on any part of the Inboard M1 when it is both plugged into AC power and the PowerShift Battery is plugged into the M1. You risk serious bodily injury from electric shock as well as damage to the M1.
- Do not use a PowerShift Battery if the Battery casing is broken or if the Battery emits an unusual odor, smoke, or excessive heat or leaks any substance. Avoid contact with any substance seeping from the Batteries.
- Do not submerge the PowerShift Battery or Inboard M1 in water. If you suspect the Batteries or M1 have been submerged or experienced water intrusion, contact Inboard Support immediately at **support.inboardtechnology.com**. Until you receive further instructions, store the Inboard M1 upright, outdoors, and away from flammable objects. **DO NOT** plug the PowerShift Battery into the charger. Failure to follow these instructions could expose you to electric shock, injury, burns, or cause a fire.

- Use care when riding your M1 in a low-battery situation. The M1 will shut down if it runs out of power from the PowerShift Battery, this will cause loss of acceleration and braking. The M1 will warn you when its dangerously low on power by vibrating the RFLX remote 6 times. If you experience this, stop riding immediately and charge your M1.
- As with all rechargeable batteries, do not charge near flammable materials.

FLYING WITH YOUR M1 + BATTERY

Inboard Technology has developed your Inboard M1 and PowerShift battery to be in compliance with applicable laws for flying within the USA and internationally.

Whenever flying with your M1 always follow instructions from authorized air travel personnel, including pilots, flight attendants, airline ground staff, transportation security, police, and other security personnel. Airline security information changes often, before you fly please check support.inboardtechnology.com for the latest updates on flying with batteries.

Additionally here are some tips for flying with your M1:

- Remove the PowerShift battery from your M1 whenever flying.
- Check your Inboard M1 as checked luggage. The M1 does not comply with carry-on requirements for most US airlines.
- **Keep your PowerShift battery (or batteries) with you in your carry-on luggage. The PowerShift battery MUST travel in the plane cabin with you.**
- FAA regulations limit the number of PowerShift Batteries you can travel with to one primary battery, and two spare batteries.
- Do not use or transport a PowerShift Battery if the casing breaks open, leaks any substance, becomes excessively hot, or if you detect an unusual odor. Do not handle a damaged or leaking battery unless you are wearing disposable rubber gloves, eye protection, and are in a well-ventilated area. Dispose of the rubber gloves and damaged battery properly in accordance with regulations governing disposal of toxic materials. If you notice a malfunction or any of the above happening with your battery when flying, alert airline personnel immediately, and safely dispose of the battery.
- Lithium-ion batteries are regulated as “Hazardous Materials” by the U.S. Department of Transportation. More information on shipping Lithium-ion batteries is available from the U.S. Department of Transportation at:

www.phmsa.dot.gov/hazmat/regs

OPERATING LIMITS

It is important you familiarize yourself with the operating limits of the Inboard M1. These limits are set to maximize rider safety while reducing the risk of damage to the Inboard M1. The Inboard M1 will perform better when you observe these limits.

WEIGHT LIMITS FOR RIDERS AND CARGO

Inboard sets weight limits for two reasons:

- Rider safety
- To reduce the risk of damage to the Inboard M1

CAUTION: Exceeding the weight limits, especially when combined with other variables that require more power, will increase your risk of reducing the range of your M1 or damaging your M1.

Variables that require more power include:

- Higher payloads (weight of rider and all cargo)
- Steeper slopes
- Bumpy or rough surface conditions
- Excessive starting, accelerating, and stopping
- Abrupt maneuvers

STRUCTURAL WEIGHT LIMITS (MAXIMUM PAYLOAD)

The maximum payload (rider plus all cargo) is 280 lbs (127 kg). Exceeding the maximum weight limit increases the risk of damage to the Inboard M1. Heavier payloads place greater stress on the Inboard M1.

Several factors affect the loads transmitted to the Inboard M1

- Skill level of the rider
- Payload (weight of the rider and all cargo)
- Surface condition (obstacle height, etc.)

NOTICE: Exceeding the rider or cargo weight limits, especially when riding on uneven terrain, could damage the Inboard M1 or lead to decreased performance under the excessive load.

MAXIMIZING RANGE

Maximum range distances are provided in the Technical Specifications section. The range of your Inboard M1 is affected by many variables, including:

- **Terrain:** Riding on smooth, flat terrain improves range, and riding on hilly terrain and unpaved surfaces reduces range.
- **Speed and Riding Style:** Riding at a consistent, moderate speed will increase range. Excessive starting, stopping, acceleration, and deceleration reduces range.
- **Rider Weight and Cargo:** Lighter riders with less cargo experience better range than heavier riders with more cargo.
- **Temperature:** Storing, charging, and riding in temperatures close to the median of the recommended temperature range improves range. Riding in colder temperatures reduces range significantly.
- **Battery Condition:** Properly charged and maintained batteries provide greater range. Old, cold, heavily used, or poorly maintained batteries provide less range.

MAINTENANCE

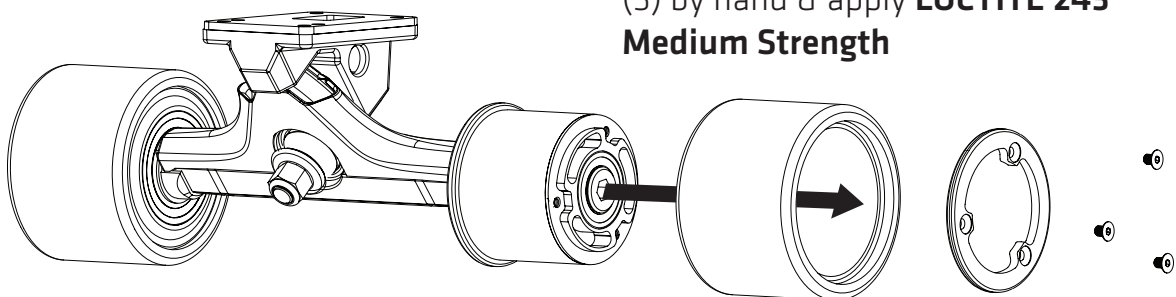
HOW TO REPLACE REAR REV WHEELS

STEP 1

- Remove screws (3)
- Remove Lock Ring
- Remove REV Wheel

STEP 2

- Slide on new REV Wheel
- Set Lock Ring into place
- Tighten screws into screw holes (3) by hand & apply **LOCTITE 243 Medium Strength**



NOTE: Do not tamper with or try and open Manta Drive assembly. Warranty void if opened

BATTERY USE AND STORAGE

- Charge ONLY with approved Inboard charger.
- Your PowerShift Battery is designed specifically for your M1. Do not attempt to use with any other device.
- Do not attempt to open your battery. The warranty will be void if opened.
- Please recycle at an approved facility.
- Store in a dry area between 0-40°C / 32-104°F

CLEANING YOUR M1

- Keep the sealing gasket around the Battery Bay clean and free of debris.
- Keep the Battery Bay clean and free of debris to make sure the PowerShift Battery slides in and out with ease.
- If there is a need to free the motors of any debris, gently use compressed air to clean it.

NOTE: For questions about cleaning the M1, visit www.support.inboardtechnology.com

TROUBLESHOOTING

We want you to have the best ride possible all the time, but sometimes technology doesn't always behave the way we expect it to. If at any time you have any issues with your M1, please don't hesitate to reach out to us via support.inboardtechnology.com. Here are some quick troubleshooting tips if you're experiencing an issue.

My M1 and RFLX remote don't seem to be working:

1. Power cycle the M1. Unplug the PowerShift Battery from the M1, counting to "ten", and then plug it back in again.
2. Check that the PowerShift Battery is plugged into the M1 correctly and that the M1 is powered on (Headlights & Taillights flash on)
3. Check the PowerShift Battery is charged. If not:
 - Press the Power Gauge button on the battery, if none of the Power Gauge LED's light up, it might need to be charged.
4. Check that the RFLX Remote is charged. If not:
 - Press & hold the Power button, if it doesn't light up and beep, it might need to be plugged in and charged.
5. You may need to Re-Pair the RFLX Remote with the M1. To force a Re-Pairing:
 - Turn the RFLX Remote off
 - On the powered on M1 do the pairing tap (Take Three fingers to the M1 Touch Sync Area, Tap the Touch Sync, Then Tap and hold three fingers). The lights should dim on the M1 to indicate this happened correctly.
 - Now unplug the PowerShift battery and remove it from your M1. The M1 & RFLX remote will be completely powered off now.
 - Now plug the PowerShift Battery back into the M1
 - Turn-on the RFLX remote
 - On the powered on M1 do the pairing tap again (Take Three fingers to the M1 Touch Sync Area, Tap the Touch Sync, Then Tap and hold three fingers). The lights should dim on the M1 to indicate this happened correctly.

In certain circumstances your M1 will send warnings to you, here is a quick outline of those warnings:

OVERHEAT

- The RFLX Remote will briefly vibrate letting you know an over-temperature alarm has been reached in the M1 motors. In addition to the vibrating RFLX remote, the Red LED Lights on the M1 will blink rapidly during the over-temperature state.
- Stop riding immediately when the over-temperature state is reached, and allow the motors to cool.
- When the M1 motors cool, the blinking lights will return to normal steady state.
- If riding is not stopped soon after reaching over temp, the M1 will power down, and lose braking functionality.

POWER LOSS

- In the event of a power loss, the M1 will stop all braking and acceleration.
- It is critical to be aware of charge levels to avoid losing power unexpectedly.

RFLX REMOTE LOW ON POWER

- When the RFLX remote is low on power, the RED LED on the remote will be illuminated, and then begin blinking.
- Stop riding immediately, and connect the charger to the Inboard USB charge cable.

M1 / POWERSHIFT BATTERY LOW ON POWER

- When the M1 senses it is running low on power it will vibrate the RFLX Remote 6 times in a row.
- If you experience this, stop riding immediately and charge your M1.
- Power loss will quickly follow.

RECORDING SERIAL NUMBERS

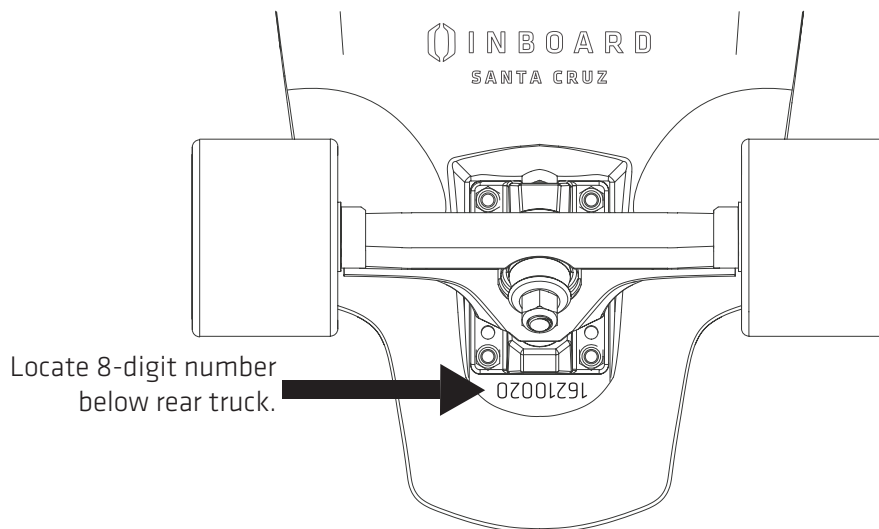
It is always a good idea to record the unique serial numbers for your Inboard M1, RFLX Remote, and PowerShift Battery. Store this information in a secure location, separate from your M1, in case you need to order a replacement component.

The M1, RFLX Remote, and PowerShift Battery serial numbers are unique to your device. These numbers can provide helpful information in the future for asset and warranty tracking, replacement, insurance claims, and in case of loss or theft. Store the serial numbers in a secure location, separate from your Inboard M1.

INBOARD M1 SERIAL NUMBER

To record the M1 Serial Number:

- The Serial Number for your M1 is on the underside of the M1, below the Manta Drive on the body of the deck itself, near the tail of the board.
- Locate the serial number engraved into the body of the deck. The serial number is an 8-digit number.
- Record the M1 serial number on the next page and save for reference.



POWERSHIFT BATTERY SERIAL NUMBER

To record the PowerShift Battery serial number:

- The Serial Number for your PowerShift Battery is on the label on the back of the battery itself.
- Locate the 8-digit number.
- Record the PowerShift Battery serial number below and save for reference.

RFLX REMOTE SERIAL NUMBER

To record the RFLX Remote serial number:

- The Serial Number for your RFLX Remote is on the RFLX Remote near the lanyard hole between the body of the remote and tail.
- Locate the 8-digit numeric serial number sticker for your RFLX Remote.
- Record the RFLX Remote serial number below and save for reference.

MY INBOARD M1 SERIAL NUMBERS:

INBOARD M1 SERIAL NUMBER: _____

RFLX REMOTE SERIAL NUMBER: _____

POWERSHIFT BATTERY SERIAL NUMBER: _____

WARRANTY

Inboard warrants all products sold by Inboard to be free of defects in material and workmanship for a period of one (1) year from the date of purchase (date of shipping in the case of pre-orders) unless otherwise specified on the product. If a product is found to be defective by Inboard, in its sole discretion, Inboard's only responsibility will be to replace the defective product. Inboard will not be responsible for any costs, losses or damages incurred because of the loss or use of any of its products, and Inboard specifically disclaims all claims for consequential and incidental damages. This limited warranty is subject to several important restrictions:

- This limited warranty only applies to products purchased directly from Inboard or from an Inboard Authorized Reseller.
- This limited warranty is valid only for the original purchaser of a product, and it cannot be transferred to another person upon the sale, lease, or transfer of the product.
- This limited warranty does not cover normal wear and tear.
- This limited warranty does not apply to anything other than defects in the manufacturing and workmanship of the product.
- This limited warranty is waived if you seek to repair the product using anything other than approved Inboard products and services, or if you seek to combine the product with any third party product (like sealants, cameras, wheels, trucks, or custom treads).

If, upon its inspection, Inboard discovers that you have modified, changed, or altered the product in any way, this limited warranty is waived.

Inboard gives no warranty regarding the life of the batteries used in its products. Actual battery life may vary depending on a number of factors, including the configuration and usage of a product.

Your use of our products is at your own discretion and risk. You will be solely responsible for (and Inboard disclaims) any and all loss, liability or damages resulting from your use of our products, including loss of life, personal injury, or the loss of or damage to computer, mobile device, and all other property. Inboard does not guarantee or promise any specific level of performance or battery life associated with the use of its products or any feature of them.

ALL WARRANTIES IMPLIED BY STATE LAW, INCLUDING THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE HEREBY LIMITED TO THE DURATION OF THE LIMITED WARRANTY. SOME STATES DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS, SO THE ABOVE LIMITATION MAY NOT APPLY TO YOU. WITH THE EXCEPTION OF ANY WARRANTIES IMPLIED BY STATE LAW AS HEREBY LIMITED, THE FOREGOING LIMITED WARRANTY IS EXCLUSIVE AND IN LIEU OF ALL OTHER WARRANTIES, GUARANTEES, AGREEMENTS AND SIMILAR OBLIGATIONS OF MANUFACTURER OR SELLER.

CERTIFICATIONS

M1 Deck, RFLX Remote, PowerShift Battery, Power Charger

Covered by the following compliance standards:

Emissions: FCC: Part 15, Class B, Industry Canada, CE, LVD

Environmental: RoHS, WEEE, Level VI Power Compliance

Safety: cULus 60950-1, TUV/GS EN60950, UL1642, UN38.3, IEC/UL 62133

Bluetooth transmitter ID: FCC ID: QOQBT113, IC: 5123A-BGTBLE113



FCC Interference Statement (USA) 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 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.
- For additional help visit support.inboardtechnology.com

FCC Caution: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this 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. **IMPORTANT: RADIATION EXPOSURE STATEMENT THIS EQUIPMENT COMPLIES WITH FCC RADIATION EXPOSURE LIMITS SET FORTH FOR AN UNCONTROLLED ENVIRONMENT. END USERS MUST FOLLOW THE SPECIFIC OPERATING INSTRUCTIONS FOR SATISFYING RF EXPOSURE COMPLIANCE. TO MAINTAIN COMPLIANCE WITH FCC RF EXPOSURE COMPLIANCE REQUIREMENTS, PLEASE FOLLOW OPERATION INSTRUCTIONS AS DOCUMENTED IN THIS MANUAL.**

Industry Canada: This device complies with RSS-211 of the Industry Canada 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. **IMPORTANT: RADIATION EXPOSURE STATEMENT THIS EQUIPMENT COMPLIES WITH IC RADIATION EXPOSURE LIMITS SET FORTH FOR AN UNCONTROLLED ENVIRONMENT. END USERS MUST FOLLOW THE SPECIFIC OPERATING INSTRUCTIONS FOR SATISFYING RF EXPOSURE COMPLIANCE. TO MAINTAIN COMPLIANCE WITH IC RF EXPOSURE COMPLIANCE REQUIREMENTS, PLEASE FOLLOW OPERATION INSTRUCTIONS AS DOCUMENTED IN THIS MANUAL.**



European Union Notice: Radio products with the CE marking comply with the R&TTE Directive (1999/5/EC), the EMC Directive (89/336/EEC) and the Low Voltage Directive (73/23/EEC) issued by the Commission of the European Community. Compliance with these directives implies conformity to the following

European Norms:

- EN 60950-1 Product Safety

These products are designed to be compliant with the rules and regulations in locations where they are sold and will be labeled as required. These products are type approved – users are not required to obtain license or authorization before using.

This product has been certified as conforming to technological standards. Therefore the following

actions are punishable by law:

- Disassembly or modification of the product
- Removal of identification labels on the back of the product

CAUTION: Changes or modifications to the device not expressly approved by Inboard Technology can void the user's authority to operate the equipment.

The frequency used by this product is also used by industrial, scientific and medical devices, such as microwave ovens, as well as wireless detectors for motion detectors, such as those requiring licenses used on manufacturing lines or similar radio transmitters (all these wireless devices will be called "other wireless transmitters" below). Most modern electronic equipment, (e.g., in hospitals and cars), is shielded from RF energy. However, certain electronic equipment is not.

1. Please ensure that all medical devices used in proximity to this device meet appropriate susceptibility specifications for this type of RF energy.
2. In the unlikely event that there is electronic interference between this system and other wireless transmitters, quickly change the location of operation or stop operating the unit (cease signal transmission).
3. If other electrical interference or related problems should occur, contact Inboard technical support at support.inboardtechnology.com.

Radio Frequency Interference Requirements

This device complies with part 15 of the FCC rules and Industry Canada Radio Standard RSS 211.

Applicable Standards:

- 47 CFR PART 2, SUBPART J, PARAGRAPH 2.906, Part 15, Subpart B – Unintentional radiators: DoC of Class B Personal Computer Peripheral
- Industry Canada ICES-003: Information Technology Equipment (ITE) – Limits and Methods of Measurement

Operation is subject to the following 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.

CE Marking & European Union Compliance

Products intended for sale within the European Union are marked with a CE Mark, which indicates compliance to applicable Directives and European Normes (EN), as follows:

Applicable Directives:

Bluetooth Products: R&TTE Directive 1999/5/EC, Low Voltage Directives 73/23/EEC and 2006/95/EC, EMC Directive 2004/288/EC

Applicable Standards:

EN55022:210 - Information Technology equipment - Limits and methods of measurement of radio disturbance characteristics of ITE

EN55024:210 – Information Technology Equipment – Immunity Characteristics – Limits and Methods of Measurement

(EN 61000-4-2:2009) Electrostatic Discharge Immunity Test

(EN 61000-4-3:2010) Radiated, Radio-Frequency Electromagnetic Field Immunity Test

PRODUCT LIFE AND RECYCLING

This product should be recycled at the end of its useful life. All Inboard Technology models can be returned to the location at which they were purchased, or to Inboard Technology, Inc. by visiting support.inboardtechnology.com



COPYRIGHT, TRADEMARKS, AND PATENT INFORMATION

Copyright © 2016 Inboard Technology, Inc. All rights reserved.

TRADEMARKS

Inboard Technology, Inc. (“Inboard”) owns a number of trademarks including, but not limited to, Inboard and the M1 logo that have been registered in the United States and in other countries. Those trademarks followed by ® are registered trademarks of Inboard. All other marks are trademarks or common law marks of Inboard. Failure of a mark to appear in this manual does not mean that Inboard does not use the mark, nor does it mean that the product is not actively marketed or is not significant within its relevant market. Inboard reserves all rights in its trademarks. All other trademarks are the property of their respective companies.

INBOARD TECHNOLOGY, INC. PATENT INFORMATION

The Inboard M1 Electric Skateboard is covered by U.S. and foreign patents. For more information go to support.inboardtechnology.com

CALIFORNIA WARNING

This product contains chemicals, including lead, known to the State of California to cause cancer, birth defects, or other reproductive harm.

OBEY ALL LAWS AND REGULATIONS

Many governmental authorities regulate use of electric rideable vehicles like the Inboard M1 on public roads and sidewalks. In addition to other requirements, these laws and regulations may prescribe minimum ages for the Inboard M1 users and may set speed limits and mandate protective gear for riders. Some governmental authorities prohibit use of Inboard M1 on public roads and sidewalks. You should consult local authorities to become familiar with applicable laws and regulations. (In the USA, many of these laws use the term “Electric Personal Mobility Device” or “Personal Motorized Mobility Device,” or “Electric Skateboard” which are specifically defined to include the Inboard M1.)

CONTACT

Inboard Technology, Inc.
Santa Cruz, California

support.inboardtechnology.com

Note: This User Guide is subject to change with future revision. For the most up to date version please visit support.inboardtechnology.com

You're still here? What are you waiting for?...Go ride!