Model C-M29/C-CC36

www.gravityboard.com

USER MANUAL

READ BEFORE OPERATING THE SKATEBOARD

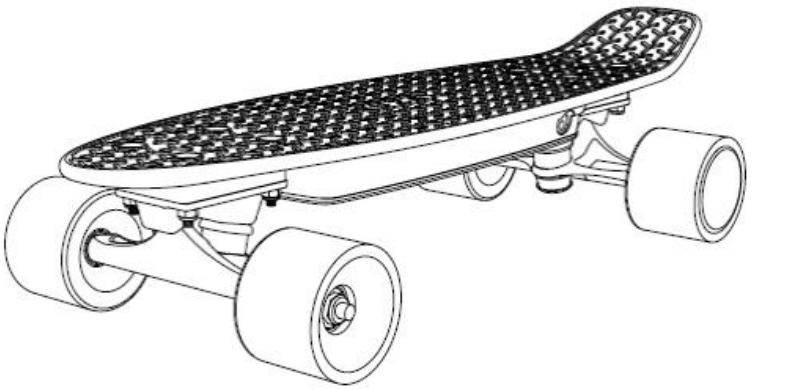


Table of Contents

Product Description:

GRAVITY redefines electric skateboarding with new GRAVITY C-M29 and C-CC36 high performance, retro mini-Classic cruiser electric skateboards. The C-M29/C-CC36 features a powerful Lithium Ion battery and two 200W hub motor driving the rear wheel directly for superior traction, thrilling acceleration, powerful braking, and long range. Sticky 55mmx72mm PU wheels and 10.03" track width deliver agile and responsive handling. The C-M29 is the pinnacle of portability in electric skateboards. With an ultra-compact 29" x 8.75" deck size and ultra-lightweight of 12 pounds, the C-M29 can be stored in a backpack or locker and taken anywhere. The C-CC36 has mid-sized 36"x 9.6" deck size and light weight of 12.7pounds, delivering the perfect balance between practical portability, being easy to ride, and fitting larger riders.

The GRAVITY C-M29/C-CC36's , maple retro mini cruiser deck, kick-tail, and red wheels will make you the envy of your friends when you post videos online. With the battery slung tightly under deck and the drive motor tucked away cleanly inside the wheel hub, nobody will notice that it's a high performance electric skateboard till you start riding. When you accelerate to the 13 mph top speed within 6 seconds, climb hills, use the brakes to stop quickly, or ride for the full 9.3mile range, you'll get there faster and easier. Light enough to take anywhere and everywhere, the GRAVITY C-M29/C-CC36 is your ideal transportation companion for casual riding, advanced tricks, and high speed commuting.

Everything you need to have a great ride is included, fully assembled skateboard, charger, wireless remote, remote batteries, and product manual. The wireless 2.4G remote control has a joystick controller that allows you to smoothly control acceleration, cruising, or control braking with simple forward and back motion. The skateboard has 4 LED's so you

can tell how much charge is left in the battery. When it is time to recharge, just plug in the matching wall charger (included), after180 minutes, a green light lets you know the board is fully charged and ready to go. The batteries are UN/DOT 38.3 certified for easy and safe transportation. The batteries are encased in a dust and splash resistant aluminum case, and the board has been drop and shock tested for durability. The GRAVITY C-M29 is recommended for experienced and advanced skateboarders ONLY, age 8 and older, under adult supervision.

Safety Warnings

Whenever your ride a skateboard you risk death or serious injury from loss of control, falls, road hazards, and collisions. To ride safely, you must read and follow all warnings and instructions contained in this manual. Always wear safety equipment when riding including a helmet, elbow pads, knee pads, gloves, eye protection, and abrasion resistant clothing.

Do not ride in the rain, on wet surfaces, or on slippery surfaces including as steel plates or manhole covers. Avoid any obstacles and debris including parked cars, rocks and gravel to avoid a loss of control. Avoid uneven surfaces including cracks in the pavement, curbs, heaved sidewalk joints, broken or missing pavement/sidewalks sections, grates and drains. Avoid riding in traffic, at night or in places where there is limited visibility. Do not ride if you are under the influence of drugs or alcohol.

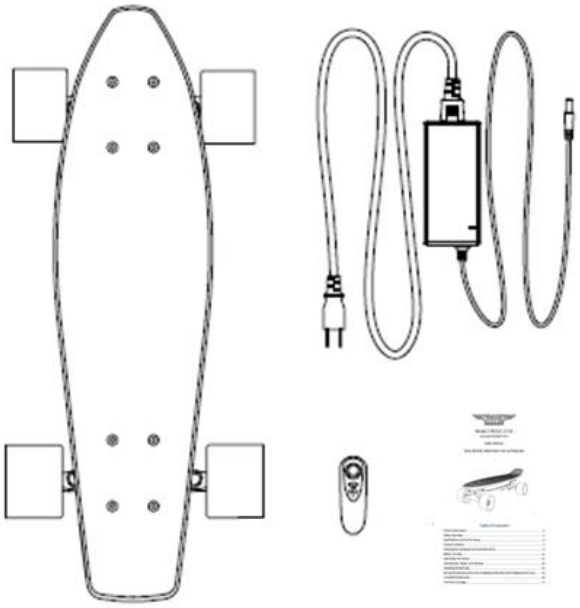
Do not immerse or expose the skateboard to water. Water causes permanent damage to the skateboard that is not covered by the warranty.

Warning: Do not ride an electric skateboard at speeds or down hills where you would be unable to maintain control of a normal non-motorized skateboard.

Warning: Do not touch the rear wheels, rear wheel hubs or battery case immediately after use. It is HOT and may burn you or cause external injuries.

Warning: Keep out of reach from children under age 8. Children under age 8 should never operate the electric skateboard, it is not a toy.

Packing List

	Packing List 1.Skateboard 2.Charger, Electric Skateboard 3.Remote Control Unit 4.User Manual 5.Quick Start Guide

Specifications and Performance:

Specifications:

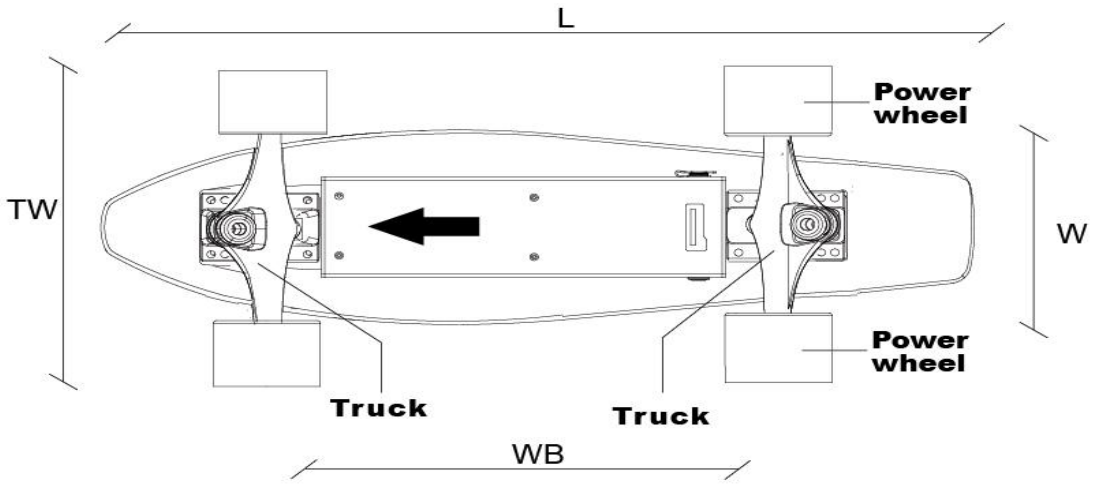
- Deck: Classic retro mini-cruiser shape. Durable aluminum reinforced, maple deck material with positive grip, and kick-tail for tricks.
- Skateboard Dimensions: See Product Dimension Chart.
- Colors: amazing design with Red Wheels
- Wheels: 55mmx72mm PU
- Ultra-Light weight: C-M29: 12 pounds, C-CC36:12.7 pounds
- Direct Drive: double 200W Electric Hub Motor delivers superior traction, acceleration, and braking performance. No belts to break or replace.
- Rechargeable C-M29: 25.2V Lithium Ion Battery with 4400mAh capacity, C-CC36: 25.2V Lithium Ion Battery with 4400mAh capacity, C-M29/C-CC36:180 minute charge time
- Complete Package includes skateboard, skateboard charger, wireless Bluetooth remote control , and manual. Skateboard has power on/off switch and 4 LED light indicating power, remote connection status, and battery charge level. UL Listed wall charger takes AC 100-240V input, outputs 29.4 VDC/1.5A, and charge complete indicator.
- Remote Control Batteries: 2xAAA,1.5V, approximately 20 hour standby time
- Product and/or components certified to UN/DOT 38.3, FCC, and MSDS standards. Charger is UL listed. For more information consult www.Gravityboard.com
- Recommended ONLY for experienced skateboard riders age 8 and older under adult supervision
- Limited Warranty: Return for replacement or repair within 7 days of purchase due to defects in materials or workmanship, Return for repair only within 90 days of purchase due to defects in materials or workmanship. Other limitations apply - Accident or misuse voids warranty. No warranty coverage for wear items.

Skateboard Performance:

- Top speed of 13 mph
- Accelerates in <6 seconds (typical rider/conditions)
- Range C-M29/C-CC36: 9 Miles/10 Miles(typical rider/conditions)

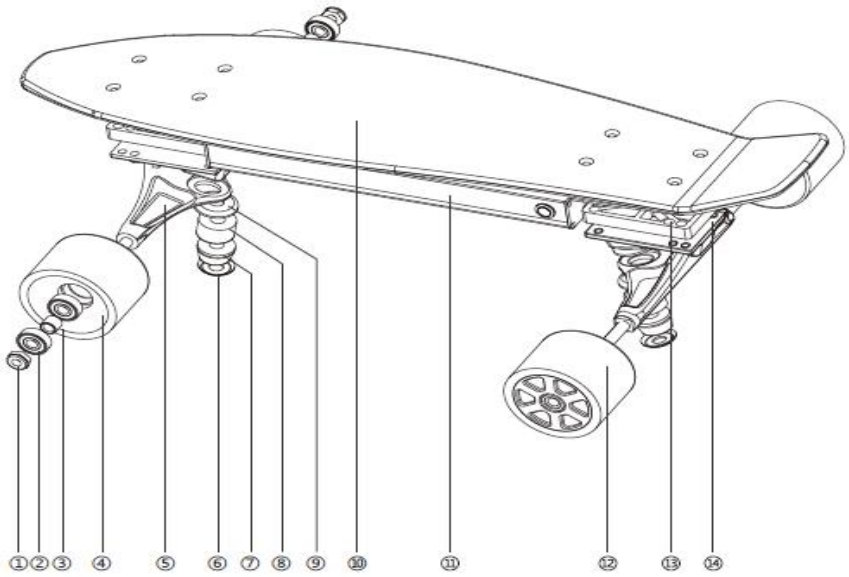
- Maximum incline: 20% (typical rider/conditions)
- Maximum rider weight: 242pounds
- Recharge time: 180minutes
- Standby time: 20 hours

Product Dimensions:



Dimension	Drawing Reference	Model C-M29	Model C-CC36
Deck Length	L	29 In	36 In
Wheel Base	WB	11.2 In	19.9In
Deck Width	W	8.75 In	9.6 In
Truck Width	TW	10.03 In	10.03 In
Height	H (not shown)	6.3 In	6.3 In

Skateboard Assembly Drawing



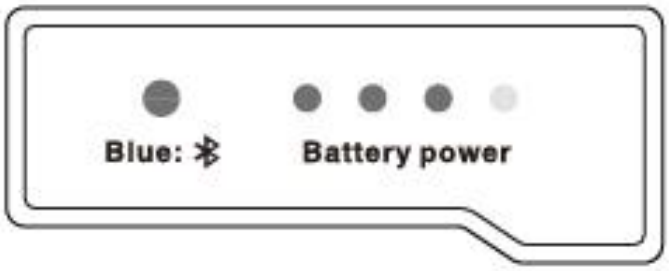
① 5/16 nylon nut	② Bearings	③ Bearing Spacer	④ Wheel
⑤ Truck	⑥ Top washers	⑦ Top bushings	⑧ Bottom bushings
⑨ Bottom washers	⑩ Board	⑪ Battery holder	⑫ Wheel hub motor
⑬ Riser	⑭ Base		

Product Functions:

Forward motion controlled by remote control, no reverse
Braking controlled by remote control
Double rear wheel propulsion and braking via brushless hub motor
Rechargeable, non-user replaceable battery, DC charging port

Product Status Indicators				
Location	Indicator	Color	Status/indication	ACTION
Remote Control	Power Light	Dark	OFF	Turn on remote
		Blue – Fast Flashing	ON, Attempting to connect with remote	Turn on board
		Blue – Slow Flashing	ON, Connected with remote	RIDE
	Beep	Beeps by itself	Fault, connection lost or drive shutdown	Wait 1-2 seconds OR Press check button
		Beeps on check button push	Connection OK	RIDE
Skateboard	Power Light	Blue – Flashing Rapidly	ON, Attempting to connect with remote	Turn on remote
		Blue – Flash Slowly	ON, Connected with remote	RIDE
	Battery Charge	Yellow, 1-4 Bars	Charge level: 1 light: < 25% 2 lights: 26%-50% 3 lights: 51%-75% 4 lights: >76%	Charge if necessary
AC Wall Charger	Status Light	Dark	Not plugged in to wall	Plug In to wall
		Green	Not plugged in to skateboard	Plug in to board
		Red	Charging, plugged in	Wait180 minutes

		Green	Charging complete	Unplug charger and board, RIDE



Skateboard Indicator Lights
Powered on 50%-75% Charge Indicated

Remote Control:

Power Button: Press this to turn on and off the remote. After power on it will connect automatically with the skateboard as long as the skateboard is turned on. After connection, check for function by using the Joystick to briefly start and stop the wheels while holding the board off the ground.

Joystick Control (Slide): Push forward to start or speed up the skateboard, push backwards to brake or stop the skateboard.

Charging the Skateboard

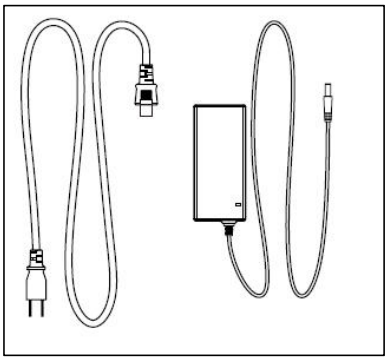
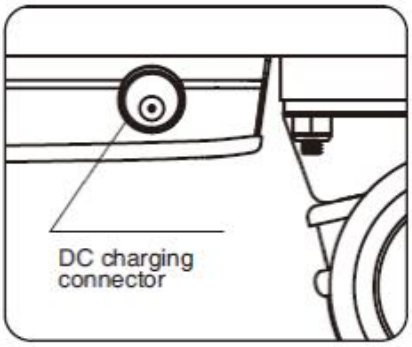
Skateboard Charger and Cable

Warning: Using the wrong charger or supply voltage can permanently damage the battery, cause risk of fire or explosion that can result in burns or injury

Skateboard Models	Charger Model #	Charger Input	Charger Output

C-M29,C-CC36	CC2415	100-240V AC 50/60 Hz	DC29.4V 1.5A

Warning: Risk of Fire or Electric Shock. Do not open the battery case or attempt to service the batteries within the electric skateboard. Do not insert anything other than the matching charger connector into the skateboard DC charging connector port, it can damage the battery, cause the skateboard to malfunction when used, or cause a shock or fire.

Skateboard Charger and Cable Image	DC Connector Charging Port
	

Charging the Skateboard

1. Turn the skateboard power off
2. Plug the charger cable into the DC charging connector port on the left side of the skateboard. Only use the matching battery charger and cable connector supplied with your skateboard. If the charger or cable is lost, please contact the manufacturer to purchase an approved replacement.
3. Plug the Charger into the AC power outlet
4. A RED indicator light on the charger indicates that the skateboard battery is actively charging but charging is NOT complete. Charging generally requires180 minutes or less depending on the charge remaining in the battery.

5. A GREEN light on the charger while still plugged in to the skateboard indicates that charging is completed and the battery is full. A GREEN light is also displayed on the charger when it is plugged into the wall circuit, but NOT plugged into the skateboard.

6. When fully charged, remove the charger plug from the AC wall socket, then remove the charger connection to the skateboard

7. Replace the rubber plug into the DC charger port to protect it

The skateboard batteries non-replaceable and non-user serviceable. If the skateboard cannot be re-charged, malfunctions, or cannot be powered ON after charging, please contact the manufacturer for service or replacement.

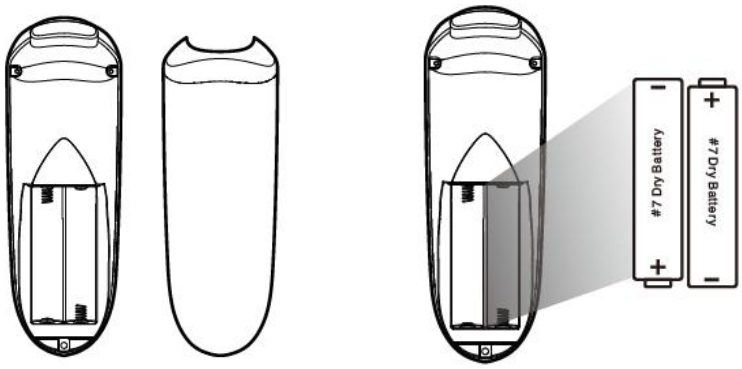
Installing or Replacing the Remote Control Batteries

1.Power off the remote if it has batteries already installed

2.Open the remote by carefully prying the case apart using the small notch on the front side joint.

3.Use the enclosed batteries or for replacement use only 2xAAA 1.5V batteries.

4.Install the batteries with the polarity matching the markings on the remote control and in the diagram



Warning: Risk of Fire or Electric Shock. Do not open or attempt to service the batteries within the remote control unit. Do not insert anything other than the matching charger cable into the remote control charging connector port. Do not insert the USB charger cable into anything but a standard USB port with 5V/1A maximum current. Any of these events can damage the battery, cause the remote control to malfunction when used, or cause a shock or fire.

Before You Ride

Warning: Do not ride the skateboard if it is damaged, shows any sign of malfunction, is misadjusted, or shows signs of battery leakage – a fall, injury or death can result.

1. Always wear protective clothing including a helmet, knee guards, elbow guards, gloves, eye protection, and abrasion resistant clothing.
2. Read and obey all the warnings in the manual
3. Inspect the equipment thoroughly before riding. Inspect the battery case for damage or signs of leakage, inspect the wheels for damage and proper function, check that all the mounting hardware is secure, check that the trucks are properly adjusted, and verify that the remote control is working and communicates with the board.
4. Only ride and transport the electric skateboard where it is legal and allowed by law. Know and comply with applicable traffic laws and other riding requirements specific to electric skateboards. Check and comply with local, state, and federal regulations about where and how it is allowable to operate an electric skateboard. Air transportation of electric skateboards may be prohibited by airlines or air freight shippers, and is subject to federal and international regulations.

Warning: Do not ride if your health, physical and/or mental conditions are not sufficient to safely operate a motorized vehicle. Do not ride if: You are under the influence of alcohol, drugs, or prescription medications, if your vision, balance, walking or running ability are impaired, or if you have a medical condition or are ill.

1. Find a flat, smooth, open, and safe area to ride.
2. Do not ride if the conditions are unsafe, including the following commonly encountered riding conditions: Slippery Conditions - Rain, Snow, Icy conditions, Low Visibility Conditions – Darkness, Smoke, Fog, Rain, Dust, High or Gusting Winds,
3. While riding, avoid anything that can cause collisions including the following frequently encountered skateboard hazards: Traffic, parked cars, fences, signs, walls, fences, light-posts, pedestrians, bicyclists, dogs.
4. While riding, avoid anything that can cause a loss of control, slip, or fall, including the following frequently encountered skateboard riding hazards: Curbs, joints, sidewalk cracks, missing sections of sidewalk, broken, heaved, or uneven pavement, gravel, rocks, sand, puddles, water, spilled fluids

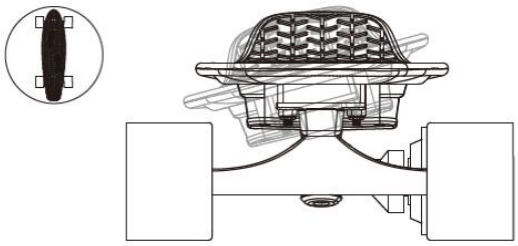
WARNING: DO NOT perform a "rail slide" with your electric skateboard. DO NOT slide or drop the underside of the skateboard (between the wheels) against any object such as a rail, curb, or handrail. Doing so will damage the battery case, causes product failure, voids the warranty, and creates the risk of leakage, burns, fire, and/or explosion

Operating Instructions

Basics of Riding a Skateboard

Choose your stance – regular stance with left foot forward, or goofy foot stance – with right foot forward. Balance yourself with a wide stance and bent knees on the skateboard.

To turn the board, lean forward and in the direction you want to turn. Put pressure on the outer edge of the skateboard on the side of the board in the direction you want to turn. Maintain your balance.



Electric Skateboard Riding Basics

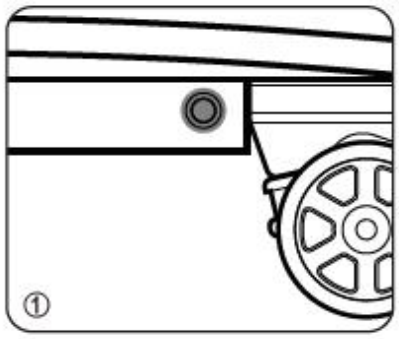
- Electric skateboards are for intended for skateboard riders that already possess intermediate or advanced skills for riding a regular (unpowered) skateboard
- Even experienced skateboard riders will need to learn new skills to maintain balance and control.
- Children under age 8 should never ride or play with the electric skateboard.
- Children between age 8 and 16 should only operate the skateboard with adult supervision
- Use only as intended.
- Only one person may ride the skateboard at the same time
- Riders weighing over 242pounds should never ride the skateboard

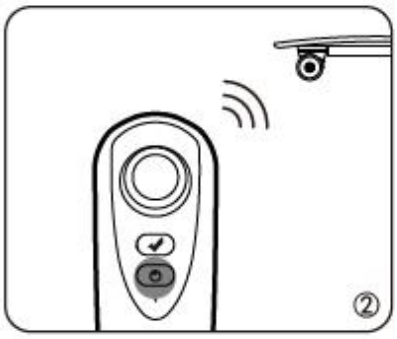
Getting Started

1) Before powering ON the electric skateboard for the first time, riders should practice riding with the electric power turned OFF. Riding with the power OFF familiarizes the rider with the slight drag that occurs when coasting in normal electric operation.
2) With the power turned OFF, practice: a) maintaining your balance, b) push starting the skateboard from a stop, c) turning while in motion, d) maneuvering, e) foot or slide braking, and f) safely dismounting the skateboard while in motion.
3) Adjust the bushings, if necessary, per the instructions provided

Operating Instructions

1) Turn on the Skateboard, Remote Control, and Sync the skateboard and remote.
   a) Press the power button on the left side of the skateboard as highlighted in Figure 1
   b) Press the power button on the remote control as highlighted in Figure 2
   c) The Bluetooth remote control will sync with the skateboard automatically, generally after 3 seconds.
   d) Verify that the remote control has synced properly by turning the skateboard upside down, applying the accelerator via the remote control and observing proper response of the skateboard (wheels turn) then apply the brake and observe proper operation (wheels stop). If the skateboard does not respond properly, turn the remote control off for 3 seconds, then repeat from step c) above or consult the troubleshooting guide.





Riding

To Start from a Stop:

a) Grasp the wireless controller firmly in your hand with your fingers wrapped around the front of it and you thumb on the Joystick controller. Push the Joystick forward to accelerate, push the Joystick backwards to brake or slow down

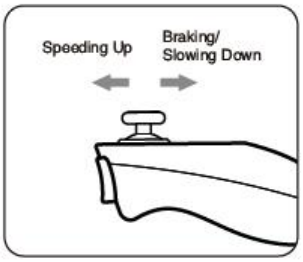
b) Hold the board stationary with gentle backward (braking) pressure on the Joystick until you are ready to start moving.

c) Place one foot on the skateboard

d) Release the Joystick on the remote control, balance yourself on the skateboard, and use your other foot to push the skateboard into motion.

e) Place both feet on the skateboard in a wide stance and maintain your balance

f) Lean forward and gently push the Joystick forward and hold at the desired speed

To Speed Up or Accelerate: Lean forward and move the Joystick very gently and slowly forward. Maintain your balance to avoid falling off the back.	
To Slow Down or Brake: Lean backward and move the Joystick very gently and slowly backward. Maintain you balance to avoid falling off the front of the skateboard. Step off the skateboard to avoid losing your balance when it stops.	
To Cruise at a Steady Speed: Hold the Joystick in a steady forward position with your thumb.	

If the skateboard does not respond to remote control inputs for any reason:

a) Maintain your balance. b) Release pressure on the Joystick controller. c) Coast the skateboard to a stop, use foot braking techniques or use sliding techniques to slow down then put your foot down and safely dismount. d) Consult the troubleshooting guide for additional steps and/or e) Wait 1-2 seconds then follow instructions to start from a stop.

After Riding:

Turn off the electric skateboard and remote control to conserve the battery life. Store the skateboard in a dry place not accessible to young children.

WARNING: DO NOT perform a "rail slide" with your electric skateboard. DO NOT slide or drop the underside of the skateboard (between the wheels) against any object such as a rail, curb, pool edge, or handrail. Doing so will damage the battery case, may cause product failure, voids the warranty, and creates the risk of chemical leakage, burns, fire, and/or explosion.

RIDING TIPS:

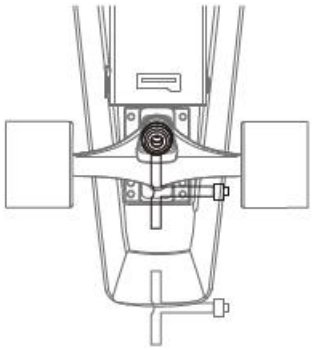
- Be careful when riding on rough roads, uneven surfaces, or where there is debris - the board can slow suddenly or stop at any time
- Be careful when putting your foot on the kick-board tail, especially when accelerating, this can cause a loss of control
- Do not ride faster than you can run, in the event you lose your balance and fall off
- Be ready to start running (if necessary) at any time if you lose your balance, jump or fall off the board
- If power is lost to the drive wheels or the link drops connection, a beep will sound. Maintain balance on the skateboard and coast. If braking, dismount safely if required to avoid an obstacle. Wait for one second, next gently and slowly re-apply pressure on the Joystick.
- Practice braking to a stop while maintaining your balance and dismounting on a flat area free of debris, obstacles, or other hazards before riding at high speed or downhills.
- If you experience a malfunction, please first consult the troubleshooting guide. If necessary please contact the manufacturer before riding the board again

Warning: Abrupt or Rapid movement of the Joystick controller may cause a loss of control or for the rider to fall from the skateboard due to sudden acceleration or braking.

Maintenance, Repair, and Disposal

Inspect your electric skateboard before every ride to ensure it is in good operating condition. Consult the Troubleshooting Guide for solutions to commonly encountered problems, and call customer service where indicated or of other warranty period issues are encountered. Do not perform any maintenance or repair on the battery case.

Adjusting the Bushings



The truck bushing adjustments play an important role in both the stability and maneuverability of a skateboard. Before riding, ensure that the front and rear truck bushings are tightened appropriately for your weight, desired riding style, and desired steering response.

Pairing the Remote Control and Skateboard (Remote Control Replacement Only)

The remote control and electric skateboard are uniquely paired. This process has already been completed at the factory when new, and must ONLY be performed when a new remote control unit replaces the remote control originally shipped with the electric skateboard.

Before riding with a new remote control, the pairing set-up process described below must be completed. Once your skateboard has been paired with a new remote control unit, the old remote control unit will no longer function to remote control the skateboard.

Remote Control and Skateboard Pairing Set-Up Process

1. Turn ON the skateboard power and hold the power button for 6 seconds
2. Turn ON the remote control and hold the power button for 6 seconds until the remote control beeps twice and the blue indicator light on the skateboard stops flashing
3. The remote control and electric skateboard are now successfully paired

Disposal

Please consult your local regulations and hazardous material disposal service provider for proper disposal instructions.

Warning: This product contains a Lithium Ion battery that is considered a Class 9 (hazardous material) and must be handled carefully. Do not expose to high temperature or fire. Improper disposal can result in fire or explosion.

Warning: The skateboard battery is not replaceable, do not open the battery compartment or attempt to change the battery. Risk of electric shock, burns, or Fire.

Troubleshooting Guide

In the rare event that an operational problem is encountered, please consult the following troubleshooting guide to solve simple problems prior to contacting customer service for warranty or repair support. The following table assumes the skateboard and remote control have been unpacked, charged, and turned on per the operating instructions.

#	Problem/Symptoms	Reason	Action/Solution
1	The skateboard wheel motor does not respond when the remote control Joystick is pushed forward after initial power on/pairing sequence. NO beeping sound from electric skateboard	Failure of remote control and skateboard to link properly	Turn off skateboard and remote control. After 1 minute, turn power on back on for both units per user instruction manual.
2	The skateboard wheel motors do not activate when the remote control Joystick is pushed forward. Skateboard emits a continuous beep tone alarm.	Automatic electric skateboard motor overheat protection	Stop riding and wait. When the motor cools to less than 120 degrees F, you can resume riding
3	The skateboard wheel motors activate when the remote control Joystick is pushed forward, but the skateboard does not move. Skateboard emits a continuous beep tone alarm.	Skateboard electric motors overloaded due to excess weight, road resistance, or gravity load	Remove excess weight or load from the skateboard. Ride in a place with a smooth, clean surface. Avoid steep hills
4	Upon turning on the skateboard and the remote control, BOTH skateboard and remote control emit alarm sounds	Skateboard battery power level is too low	Charge the skateboard per the user manual
5	While riding on flat smooth road, skateboard response to remote control input or forward power is intermittently lost. The skateboard only emits a beep alarm tone each time power is lost	The electric motor hall effect sensor and main control board connection are loose	Contact customer service. Skateboard requires authorized factory repair service
6	While riding, skateboard response to the remote control unit is intermittently lost. Both skateboard and remote control indicator light flash when control is lost.	Skateboard remote control signals are interrupted by external interference	Ride in a different location free of electrical interference
7	While riding long distance, the skateboard loses power and automatically shuts down	Skateboard battery power is too low	Charge the skateboard per user instruction manual
8	The skateboard and/or remote control turn off automatically after a long period of non-operation	Automatic standby shutdown engaged after 10 minutes	Power on skateboard and remote per user instruction manual.

Warranty Coverage

User Notice: Please retain your purchase receipt, warranty card, order information, and product manual in a safe place after purchasing the product. These documents must be unaltered and original and be provided to claim in order to claim replacement or repair services under warranty.

Warranty

The GRAVITY C-M29/C-CC36 electric skateboard comes with a 7 day limited exchange and repair warranty and a 90 day limited repair warranty. Consumers may return the product for exchange or repair free of charge (except shipping) within 7 days of purchase due to defect in materials or workmanship. Consumers may return the product for repair only free of charge (except shipping) for up to 90 days after the date of purchase due to defect in workmanship or materials. The warranty is limited to the wheel motors, skateboard power electronics, and remote control.

Warranty Coverage Exclusions:

The manufacturer reserves all rights to determine warranty coverage applicability, and to perform replacement or repair at its own discretion. Any modifications, attempted repairs, disassembly, or attempted modification of software not expressly approved by the manufacturer will void all warranty coverage.

Specifically Excluded from Warranty Coverage

- Product does not match product receipt, order documents, serial or model number of the warranty card.
- Normal wear and tear.
- Excluded skateboard components including wheels, trucks, deck, and accessories.
- Damage or product failures stemming from abuse, abnormal use, towing, vandalism or due to force majeure. Damage or malfunction resulting from water damage, extreme temperature exposure, extreme shock or vibration, collision, or impact damage. Use of wrong charger, wrong battery connector, wrong batteries, tampering with DC charging port, attempting to replace skateboard battery.

Warranty Claim Contact Information

Please contact customer service to confirm coverage before returning any product for warranty replacement or repairs. You may contact customer service online, via email, or by phone at the addresses below:

Company Name: Gravity Skateboards
Website: www.Gravityboard.com
Phone Number: 760/591-4144
Email: info@Gravityboard.com

FCC Warning Statement

Changes or modifications not expressly approved by the party responsible forcompliance could void the user's authority to operate the equipment.This equipment has been tested and found to comply with the limits for a Class B digitaldevice, pursuant to Part 15 of the FCC Rules. These limits are designed to providereasonable protection against harmful interference in a residential installation. Thisequipment generates uses and can radiate radio frequency energy and, if not installedand used in accordance with the instructions, may cause harmful interference to radiocommunications. However, there is no guarantee that interference will not occur in aparticular installation. If this equipment does cause harmful interference to radio ortelevision reception, which can be determined by turning the equipment off and on, theuser is encouraged to try to correct the interference by one or more of the followingmeasures:

-- 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 thereceiver is connected.

-- Consult the dealer or an experienced radio/TV technician for help.

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.