



## MAVIC ONE USER MANUAL

### Contact us

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## Warning Message

Whenever you ride the MAVIC ONE, you risk serious injury or even death from loss of control, collisions and/or falls. You must read and understand ALL instructions, safety messages and warnings in this manual before riding.

The e-board is NOT FOR RIDERS UNDER AGE 15 OR HEAVIER THAN 100 KG. DO NOT EXCEED THE WEIGHT LIMIT OF 100 kg – including backpacks and other items that might be carried.

Never allow more than one person at a time to ride. Do not ride at night or when visibility is limited. Do not allow hands, feet, hair, body parts, clothing, or similar articles to come in contact with moving parts or wheels while the motor is engaged. Never use headphones or a cell phone to talk or text when riding. Never hitch a ride with a vehicle.

Failure to follow any of the warnings will increase risk of serious injury or fatality. **Mavic Brothers is not responsible for damages and/or injuries the riders or third parties may suffer.**

## Included in the box

- MAVIC ONE e-skateboard
- 3 set of wheels
- MAVIC S REMOTE
- X2 TOOLS
- USER MANUAL



## Warranty

Your MAVIC ONE Board is covered by a 12-month manufacturer's warranty that covers defects in workmanship and material.

Warranty DOES NOT cover damage caused by abuse, misuse, negligence, accident or riding in water/sand.

Do not jump on the board, do not ride off gutters or curbs, do not crash the board into tough objects, do not drop the board on the ground for starting operation. The board needs to be handled with care to ensure its components are not damaged.

The MAVIC ONE is intended for use on flat, dry surfaces, such as pavement or level ground, without loose debris, such as sand, leaves, rocks or gravel. Sand, Wet, slick, bumpy, uneven or rough surfaces may impair traction and contribute to possible accidents and/or issues with your e-board. Do not ride in mud, ice, puddles or water. Watch out for potential obstacles that could catch your wheel or force you to swerve suddenly or lose control.

Our warranty does not cover issues due to riding in any of the above surfaces.

If the product has a manufacturing defect within 12-month of delivery date, contact [info@mavicbrothers.co.nz](mailto:info@mavicbrothers.co.nz).

All shipping costs are paid by buyer. The warranty does not cover damage from shipping in insufficient packaging





## Specs

- **REMOTE:** MAVIC S remote (with screen)
- **WHEELS INCLUDED:** (3 SETS)
  - STREET** 90mm / **CLOUD** 120mm / **ALL TERRAIN** 150mm
- **RANGE:** 40 KM (range depends on wheels, terrain, wind condition and rider)
- **TOP SPEED:** 35 KM/H
- **RIDE MODES:** 1. Beginner (Lo - 15km/h) 2. Standard (Mi - 25km/h) 3. High (Hi - 35 km/h) 4. Pro (Pro - 35 km/h - more acceleration)
- **ESC:** Mavic V4
- **TRUCKS:** SHREDDER
- **BATTERY:** Samsung inner battery cells
- **HILL CLIMBING:** Up to 20% Grade at 25KM/H
- **POWER:** 3000 WATTS.
- **DIMENSIONS:** 96.5cm x 24.5 (Deck only) / 115cm x 26.5 (including motors and bigger wheels)
- **DECK:** Carbon Fibre
- **WEIGHT LIMIT:** 120kg
- **CHARGE TIME:** 2.7 Hours
- **BRAKING:** Regenerative Braking (22%)
- **Features**
  - Smart turn on (push and go)
  - Reverse function
  - Quiet ride
  - Water and dust resistant (NOT waterproof)



## Important Information

1. ALWAYS WEAR A HELMET when riding the board. Other safety gear like gloves, pads and long sleeves is highly recommended.
2. RIDE AT YOUR OWN RISK AND ALWAYS USE COMMON SENSE. Riding an electric skateboard can be a dangerous activity, even under the best of circumstances. Do not attempt or perform any stunt, jumps and/or tricks on the e-board.
3. AVOID WATER - The MAVIC ONE board is not water proof. Electronics, bearings and other components may be damaged due to water and water damage is not covered by warranty. Riding in wet conditions is also very dangerous and should be avoided.
4. YOUR BOARD CAN LOSE POWER AND BRAKES AT ANY MOMENT due to radio interference, a flat battery, downhill overcharging of a full battery, and other factors. Only ride your e-board at speeds and on hills where you would be comfortable without power and brakes.
5. THE THROTTLE IN PRO AND EXPERT MODES EXTREMELY SENSITIVE. Start by moving forward as slowly as possible until you get familiar with its speed.
6. HILLS AND HIGH-SPEED CAN BE VERY DANGEROUS. Any crashes can cause serious injuries. Be extra careful when pushing the limits of the e-board, even if you are an experienced rider.
7. BE PREPARED TO STOP AT ANY TIME! Be aware of your surroundings at all times. Ride defensively and assume others (vehicles, riders, people) can't see you.
8. CAUTION: BRAKING DOWNHILLS ON A FULL BATTERY FOR A LONG TIME may cause the e-board to lose braking capabilities (battery could overcharge).





## First Steps

Before riding your MAVIC ONE, please make sure you fully understand how your e-board and remotes operate.

Always wear a helmet. Further protection is highly recommended. It is essential to have basic skating skills like foot braking and sliding to stop.

1. Turn on the remote by pressing the power button.
2. Turn on the MAVIC ONE board by pressing the power button on the e-board. Alternately, the e-board will turn on automatically if you ride it and kick forward or backward (smart turn on).
3. When riding the e-board, stand with feet apart so that your weight is evenly distributed over the board. This will improve your stability.
4. When accelerating or braking, make sure your weight is in line with the direction in which you are going: when accelerating, lean forward, when braking, lean backwards.
5. We strongly recommend you master the Beginner and Eco mode before switching to Expert and Pro modes. Your remote will maintain your speed set up even when turning it off.
6. Avoid wearing anything that can drape over or get caught into/under the wheels/belts.
7. ALWAYS ensure the e-board's speed is safe to yourself and others, and be ready to stop at any time. When riding near others, keep a safe distance to avoid collisions.
8. When the remote or the MAVIC ONE battery is critically low, you will be able to brake but not accelerate.



## Maintenance

Clean your MAVIC ONE from dust and dirt after every ride. Use a damp and dry cloth to clean.

Keep the board away from damp occasions to avoid damage to the components and/or battery.

Store your board in dry and ventilated locations. Storing your board in a hot car or other hot places is NOT safe.

Regularly check the skateboard and its components. Manually rotate the wheels, clean and check the belts, always check bearing/nuts/screws throughout the board are tight. You are responsible for doing this check before riding the board.

If any part is broken or worn, **do not ride the e-board** until you have fixed or replaced the broken or worn part.

**AVOID WATER!** Your MAVIC ONE board is water resistant but NOT waterproof. Water damage is not covered under the warranty.

Electronics, bearings and other components can be damaged if exposed to water, sand, mud.



## Basic Riding Tips

### STANCE:

Your MAVIC ONE has a lot of power. Follow these tips to ensure a safe riding experience:

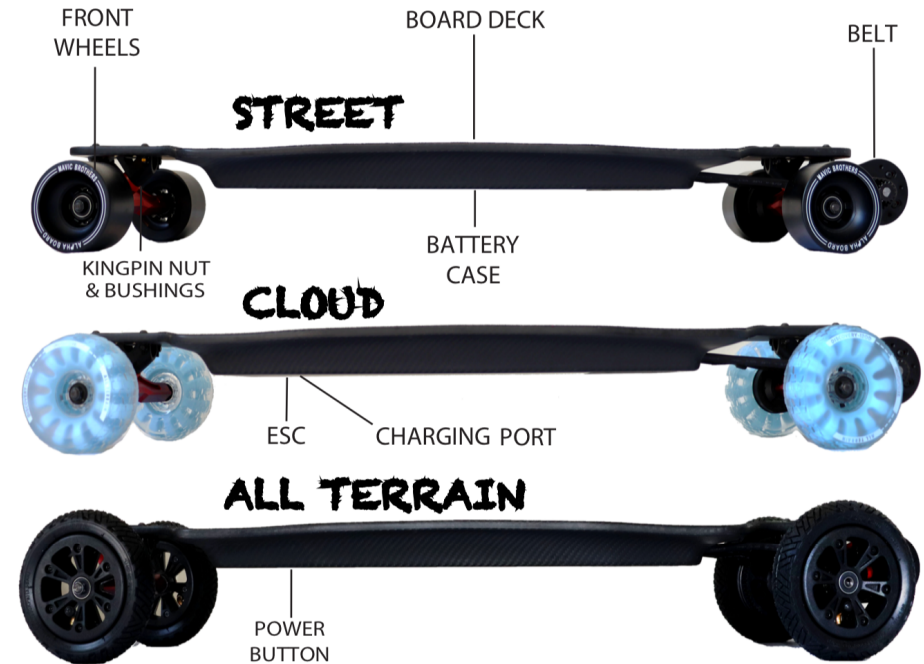
- Move the Throttle Wheel in small increments.
- Keep a wide stance on the board.
- Keep a low centre of gravity.
- Lean forward when accelerating.
- Lean backwards when braking.

**AVOID THESE THINGS THAT CAN CAUSE SLIPPING:** riding on gravel, sand, water, up hills and downhill.

**AVOID THESE THINGS THAT CAN CAUSE TRIPPING:** riding on cracks, sand, large rocks, tracks, drains.

**AVOID THESE THINGS THAT CAN CAUSE COLLISIONS:** riding in heavy traffic, night time, between obstacles, in poor visibility, when raining/snowing.

## Board Information

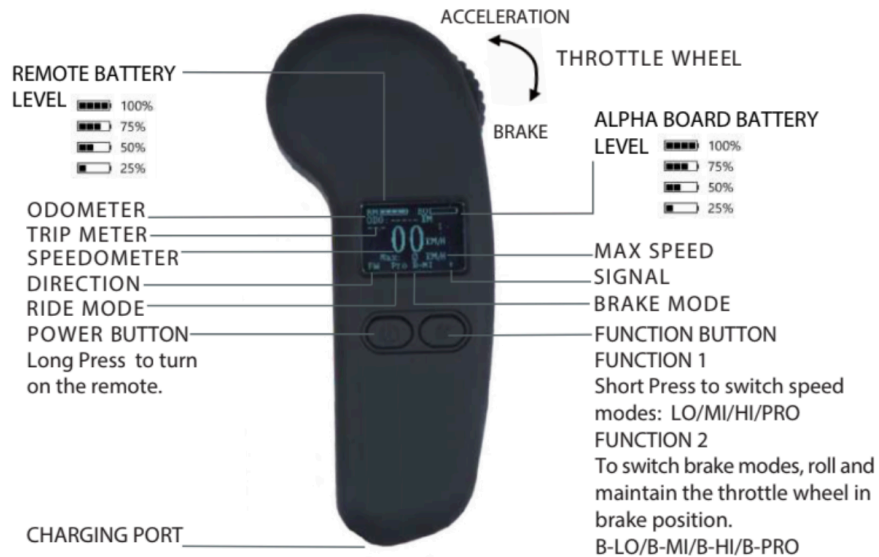


DO NOT OPEN the Electronic Speed Controller (ESC) or Battery Housing cases. Turning ON/OFF the MAVIC ONE e-board: press the power button.

Kingpin Nut: by tightening/loosening the kingpin nut, you can control how easy or hard it is for the board to turn: the tighter the trucks are, the less it will turn (beginners). The looser they are, the more it will turn. Tool is included in the box.

Battery level: when either remote or MAVIC ONE batteries are critically low, you will be able to brake but not accelerate.

# Remote Control



**Charging the Remote:** The Remote needs 15 minutes to be fully charged and will allow up to 10 rides. USB Cable is included in the box.

**Reverse Function:** Double click the Power button to change directions.

# Changing Wheels

Steps to assemble Cloudwheels or 150mm Inflatable wheels.

1. Remove the Street wheels by pulling them out. You will need to use some force as they can be very tight.
2. Place the belt (long belt for Inflatable wheels) into the motor truck, and put two 0.8 mm spacers in.
3. When using **Inflatable Wheels**: GENTLY unscrew the 4 motor screws and pull the motor out to enable the long belt to stretch. GENTLY tighten the screws. DO NOT overtighten the screws as they can be damaged. We recommend using Loctite 243.
4. Press bearings into Cloudwheel/Inflatable wheel, one bearing for each side.
5. Press the Cloudwheel into belt and make sure they fit perfectly.
6. Tighten the screw nuts.

