

MOTOR TYPE: BELT;

WHEEL DIAMETER: 150 for 6-inch wheels; 175 for 7-inch wheels;

DRIVE RATIO: 3.7 for 6-inch and 7-inch wheels;

MOTOR POLE PAIRS: 7.

Note:

Use the "Acceleration/braking Throttle" to make selections;

Press the "POWER BUTTON" to confirm;

Once "MOTOR POLE PAIRS" is confirmed, the remote will enter the main interface. The remote is ready.

*For other specifications, please refer to "Updating Skateboard Settings".



Acceleration/Braking

Control your skateboard's forward movement by pushing the "Acceleration/Braking Throttle" forward. The farther you push the Throttle, the faster your speed becomes. To brake the skateboard, pull the "Acceleration/Braking Throttle" back. Pulling the "Acceleration/Braking Throttle" farther back will result in stronger braking... When powering on, ensure the "Acceleration/Braking Throttle" is in the neutral center position for optimal usage. Failure to center the throttle upon startup will be indicated on the screen.

↑ Riding Direction Change

Double-click the "Function Button", and the remote will briefly vibrate once. The screen's directional icon will change to the "Backward Arrow." When in reverse, double-click the "Function Button", and the remote control will briefly vibrate once. The screen's directional icon will revert to the "Forward Arrow".

Note: This operation is only effective when the Acceleration/Braking Throttle is in the neutral position (zero throttle) and the speed is below 3 km/h.

🕒 Speed Mode Switching

A single press of the "Function Button" transitions the remote to the next Speed Mode, accompanied by a brief vibration. The screen will reflect the updated "Speed Mode".

Note: This action is effective only when the "Acceleration/braking Throttle" is at the center position (zero throttle)

Mode ①: Beginner, 0-15 kph/0-9.3 mph

Mode ②: Intermediate, 0-25 kph/0-15.5 mph

Mode ③: Advanced, 0-40 kph/0-24.8 mph

Mode ④: Expert, 0-60 kph/0-37.2 mph

Important:

Novice riders are advised to remain in Mode ① and engage in additional practice. Braking distances become longer with higher speeds, and the potential danger to both riders and pedestrians significantly rises due to amplified inertial forces.

Pay Extra Attention in Mode ③ and Mode ④! They are Extremely Powerful. Please Take Note of the Following:

1. Gradually apply throttle.
2. Maintain a low center of gravity.
3. Increase the distance between your feet.
4. Shift your weight forward while accelerating.
5. Shift your weight backward while decelerating.

⚠ Battery Alerts

Remote Battery Alerts

The remote features a 5-level battery indicator. Upon powering on the remote, if the detected battery level falls below 10% (providing approximately 30 minutes of usage), the remote screen will display a low

battery notification and emit two long vibrations.

When the battery level reaches around 5% (providing approximately 15 minutes of usage), the remote will again signal a low battery condition with two long vibrations.

In the event that the battery level drops below the safe operating voltage (3.4V) while the remote is connected to the skateboard and the skateboard comes to a halt, the remote control will emit a short vibration before automatically shutting down.

Skateboard Battery Alerts

The skateboard is equipped with a 5-level battery indicator. When the skateboard's battery level drops below 25%, the remote screen will display a notification of the battery level and emit two long vibrations.

If the skateboard's battery level falls below 10%, the remote will once again indicate the battery level and emit two long vibrations.

In the situation that the voltage drops below the safe operating level, power output will be disabled, and you should apply the brakes promptly.

Other Important Alerts

Overvoltage Alert

To prevent potential hazards, avoid overcharging or downhill riding with a fully charged battery, as it may lead to an overvoltage alert. Riding downhill while the battery is at maximum capacity can decrease battery life and result in dangerous situations such as explosions or fires. Before descending, ensure some battery charge is used on level ground or uphill. Detection of downhill riding with a full battery triggers a controller vibration and displays "BOARD OVER VOLTAGE!" Continued downhill movement prompts automatic braking to halt further descent. Keep in mind that while this protective feature has its benefits, it may not guarantee complete battery safeguarding.

Signal Loss Alert

Sudden loss of signal prompts the remote to display "DISCONNECT" with a brief vibration. If acceleration is in progress, it gradually ceases, followed by automatic gradual braking. If no acceleration is ongoing, the skateboard will gradually slow down. Following signal loss, the remote control enters a searching mode for the skateboard device. Upon successful reconnection, the remote control vibrates once, the gradual braking cancels, and normal operation resumes immediately.

Motor Stall Alert:

Intermittent vibrations and "MOTOR STALLING" on the remote indicate motor blockage or jamming. In such instances, halt skateboard operation, inspect the motor for obstructions, and clear them before continuing use.

Overheat Alert

Should the motor's temperature exceed 100°C or fall below 0°C, the remote vibrates once, displaying "BOARD OVER TEMPERATURE." The motor will cease operation.

Note: Monitor the motor's temperature. In case of excessive motor heat during use, discontinue skateboard operation and wait for the temperature to decrease before resuming.

Overcurrent Alert

Excessive motor current triggers "BOARD OVER CURRENT" on the remote control screen, causing the motor to cease operation.

Updating Skateboard Settings

Switching between KMH or MPH

Rapidly press the "Function Button" three times in succession.

Wheel Configuration

With the skateboard powered on and successfully connected, hold back the "Acceleration/Braking Throttle" and quickly press the "Power Button" five times to access the parameter options menu. Use the "Acceleration/Braking Throttle" to toggle through the options, press the

"Power Button" once to confirm your selection, adjust the parameter using the "Acceleration/Braking Throttle," then press the "Power Button" once to confirm the parameter settings. Lastly, use the "Function Button" to exit the parameter options menu.

Wheel Configuration		
Wheel	WHEEL D	D/R
PU	97	2.3
6"	150	3.7
7"	175	3.7

Note:

The skateboard comes with default 6" Street Tires.
The 7" All-Terrain Tires need to be purchased separately.

Integrated Board Lights Control

While the skateboard is powered on and successfully connected to the remote control, swiftly press the power button twice to switch the lights on or off.

Even if the lights are not activated, the tail light will automatically illuminate when you pull back on the " Acceleration/braking Throttle" for braking.

Note: The tail light is included as a default feature. The front light and RGB light require a separate purchase.

Optional RGB Light:

1. Off State: The RGB light will flash red when braking is initiated.
2. Double click "Power Button" on the remote to activate it: The light sequentially flows from back to front, and light flow frequency changes according to riding speed.
3. When the board is in static state for approximately 10 seconds, it enters three modes: inward flow, outward flow, alternating colorful flashing. Pull "Braking Throttle" three times to switch modes.

BATTERY SAFETY GUIDE

This product uses only the original OMW battery packs. Do not use other battery packs on this product;

To ensure safety and prevent harm to yourself, others, and property, please adhere to the following instructions:

- Never leave the battery unattended during charging.
- It's important to keep in mind that extreme temperatures can affect the overall performance of the battery. Proper battery storage: If you use your skateboard infrequently, charge the battery to around 40%-50% capacity before storing it.
- In case of any issues while charging, cease charging and promptly contact support@omwboards.com.
- Take precautions against battery leakage, especially under extreme conditions. Avoid contact with skin and eyes, as battery liquid is caustic and can cause chemical burns. In case of contact, rinse your skin with soap and water, and immediately flush your eyes with water for at least 15 minutes before seeking medical attention.
- If the battery pack sustains damage or is improperly used, it may emit vapors. Maintain proper ventilation and seek medical assistance if adverse effects are experienced. Inhalation of vapors could irritate the respiratory system.
- Never immerse the battery pack in any liquid.
- Avoid touching the terminals on the battery pack. If not installed in the board, keep the battery pack away from items like paper clips, coins, keys, nails, or screws that could connect terminals. Short-circuiting between terminals could result in burns or fires.

- Battery charging times might increase with age and usage.
- Only grip the charger plug when connecting or disconnecting it from the wall; avoid pulling by the cable.
- Do not puncture or crush the battery pack. Avoid mechanical shock, dropping, or striking, as it could damage the battery.
- Refrain from using visibly damaged battery packs.
- Safeguard the battery pack from excessive heat (above 60°C or 140°F), fire, and water immersion.
- Always remove the battery pack before performing work, such as repairs or maintenance.
- Never open the battery pack, as this may lead to short-circuiting and void warranty claims.
- Ensure a dry and fireproof surface before charging, keeping the battery and charger away from flammable materials.
- Keep the battery pack out of children's reach.

Note: These guidelines are meant to enhance the safety and responsible usage of your battery pack.

BATTERY CHARGING SAFETY GUIDE

- Always allow the board to cool for 30 minutes before charging. Do not connect your board to the charger until the battery pack has had a chance to cool to an allowable charging temperature.
- Only use the original skateboard battery charger supplied with your board. Bypassing the battery charger or the use of a non-approved battery charger can lead to skateboard damage.
- Ensure there are no dirt, debris, or flammable items nearby during the

charging process.

- When charging is completed, and the charger indicator light turns green, please ensure to tighten the charging port cap to prevent water and dust from entering.
- The battery may give off vapors if it is damaged or is used incorrectly. Ensure the charging area is well ventilated and seek medical attention should you experience any adverse effects. These vapors may irritate your respiratory tract.
- The battery charger may become hot, up to 74°Celsius (>165°F) during charging. Use caution and avoid touching the body of the charger.
- Do not expose the charger to rain or wet conditions. If water enters a charger, there is a risk of electric shock.
- Avoid leaving the charger plugged into the board when the battery is fully charged.
- Do not charge the battery if you notice the battery is damaged, excessively hot, leaking, smells, or is discolored.
- Charging the battery should take approximately 3.5 hours if the battery is mostly empty when using the standard 4.5A charger.
- The charger will stop automatically once the battery reaches full capacity.
- Keep the battery charger clean. Contamination can lead to the risk of an electric shock. Clean only when the charger is unplugged with the use of a damp cloth.
- Do not operate the charger on an easily ignited surface (e.g. paper, textiles, etc.) or in a flammable environment. There is a risk of fire when the charger generates heat during the charging process.
- Note the household voltage! The voltage of the power supply must correspond to the specifications given on the battery charger nameplate.

BOARD MAINTENANCE

You need to maintain your skateboard regularly. Failure of any part due to lack of maintenance is not covered under the warranty.

- If you have not used the skateboard for a long time, please pay attention to keeping your battery power at 40% - 50%; Please ensure to charge and ride at least once a month;

- Always store your skateboard indoors in a dry place, away from fire sources and out of direct sunlight;

! Too cold or too hot is very dangerous for your skateboard. Do not place your skateboard in a high-temperature place. Please note that the temperature inside the vehicle under direct sunlight is very high, and do not place your skateboard in a very cold place; Do not place your skateboard in a damp place to prevent short circuits or damage to electrical components.

- Keeping the bearings clean can effectively increase the life of the bearings and eliminate abnormal noises.

- Bearings failure can also increase resistance and reduce range.

- All screws/nuts on the entire skateboard should be checked for tightening before each ride.

- Swap the front and back wheels regularly, because the drive wheels tend to wear out faster.

- Regularly clean and inspect the belts and transmission gears for any damage. Replace them if necessary.

- Remove dust and dirt from the skateboard, so it looks and rides like new.

- Only use a damp-dry cloth for cleaning. Some chemical cleaning products may contain solvents that can damage the skateboard.

- Make sure to maintain tire pressure. Check your tire pressure regularly.

WARRANTY

The Warranty starts on **the day the package is delivered to the customer.**

OMW boards enjoy a 1-year warranty including Charger, Truck, Remote, Battery, ESC, and Motors etc., When these parts are purchased separately, the parts enjoy a 6-month warranty.

For after-sales service support, please email support@omwboards.com.

Please kindly notice that when contacting after-sales service, providing the following information is a must which will help us quickly locate the problem:

The email used to place your order;

The unique identification code of your skateboard;

Describe the problem in as much detail as possible;

Photos and videos that can assist us in analyzing the problem.

The following are not covered by the warranty:

Wear and tear items are not covered under warranty as they will deteriorate with standard use, these items are - bearings, belts, tubes, tires, bushings, grip tapes, and wheels. This warranty does not apply to any board that has been subjected to abuse, misuse, neglect, or accident (i.e., riding in wet conditions, dropping the board, etc.). The water resistance of the skateboard is IP56, which is resistant to splashes and dust under normal conditions, but if you ride in a puddle or even immerse your skateboard in water, water is likely to infiltrate the electrical components and cause damage. Riding in the rain or on wet ground is quite dangerous, especially for accelerating, braking, or turning, the internal accessories are not waterproof, and the label inside the board will show red if water enters.

Damage caused by man-made, such as violence, modification, unauthorized repair, and failure to follow the instructions in the user manual, damage caused by negligence, including long-time high-power use of the battery but not charging it in time, or abuse of other damage caused, is not

covered by the warranty.

The Free products are not covered by warranty.

The warranty does not include the replacement of a new skateboard, only broken parts are provided.

The warranty applies to the original customer exclusively. The second hand is not covered under warranty.

NOTE: To the extent permitted by law, the above-mentioned warranty policy may be updated from time to time, and OMW reserves the right of final interpretation.

***PLEASE KEEP YOUR BOARD SHIPPING BOX IN CASE THE BOARD EVER NEEDS TO BE RETURNED.**



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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

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

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

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

The device has been evaluated to meet general RF exposure requirement, the device can be used in portable exposure condition without restriction



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