



YAWBOARD

User Manual



DO NOT RIDE WITHOUT READING THIS MESSAGE



YOUR BOARD CAN LOSE POWER AND BRAKES AT ANY MOMENT due to radio interference, a dead remote battery, downhill overcharging of a full battery, and other factors. Only ride your Yawboard at speeds and on hills where you'd be comfortable without power and brakes.

BRAKING DOWNHILL ON A FULL BATTERY WILL CAUSE BOARD SHUTDOWN since regenerative braking will overcharge the battery. To prevent this from happening, the remote will warn you by vibrating, and you'll lose your braking power. Safely come to a stop before this happens, and ride on flats or uphill to drain the battery before attempting downhill again.

THE THROTTLE IN EXPERT AND PRO MODE IS EXTREMELY SENSITIVE to make the board responsive and fun, but it also means fast or sudden inputs can easily cause you to fall off. Start by trying to accelerate as slowly as possible in these modes.

HILLS AND HIGH-SPEED CAN BE VERY DANGEROUS because crashes can cause serious injuries. Be extra careful when pushing the limits of the board, even if you're an experienced rider.

CARS AND OTHER VEHICLES CAN KILL YOU, so always be aware of your surroundings when riding in the presence of other vehicles. Ride defensively and assume other vehicles can't see you. Remember that your board may lose power and brakes at any moment. Be aware of the laws that govern the use of your board on public roads, bike paths, sidewalks, or other places that you may ride.

ALWAYS WEAR A HELMET. Other safety gear, like gloves, pads, and long sleeves, is highly recommended.



WARNING



WARNING: Whenever you ride a Yawboard, you risk death or serious injury from loss of control, collisions, and falls. To ride safely, you must read and follow all warnings and instructions in this manual.

WARNING: Always wear a helmet when riding. Never ride in water, on wet surfaces, in the rain, on slippery or uneven surfaces, steep hills, in traffic, over large cracks, on train tracks, on rocks, or any obstacles that could cause a loss of traction. Avoid night riding, areas with poor visibility or in narrow spaces.

WARNING: Do not ride a Yawboard in environments, on inclines, or at speeds where you would not be safely 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.



WARNING: AVOID WATER!

Riding in wet conditions or through puddles can damage the board's electronics and cause the board to lose power or stop suddenly, causing a risk of loss of control or falls. Do not ride in wet conditions or through puddles. Damage to the board due to water exposure is not covered under warranty.



WARNING: PINCH POINTS

Keep fingers, hair, and clothing away from belts, motors, wheels, and all moving parts.



WARNING: RISK OF ELECTRIC SHOCK!

Do not open or tamper with electronics housings, which also voids the warranty. Please ride responsibly and respect those around you.



IMPORTANT SAFETY INFO



RIDING IN PUBLIC AREAS MAY BE ILLEGAL: Ensure you check the local rules, regulations and laws for where you want to ride. You don't want to get your board confiscated!

DO NOT RIDE ABOVE YOUR ABILITY: We know you're going to want to go as fast as possible as soon as possible but riding at high speeds is dangerous and you should get to know your board and how it handles before increasing your speed. We recommend only using beginner speed mode 1 for the first 3 months of use.

PRE-RIDING CHECKS: Before every ride you should give your board a once over to make sure it is in the best condition for use, including checking the following:

The Grip – Ensure it is tight and not rotating

The handle – Make sure it is secure when locked and there is no excessive movement or rocking possible

Trucks – Make sure they there is no noises or squeaks coming when steering

Wheels – Make sure they rotate without wobbling and the wheel nuts are tight

Tyres / Tires – Ensure all tyres / tires are pumped up and that there has been no loss of pressure

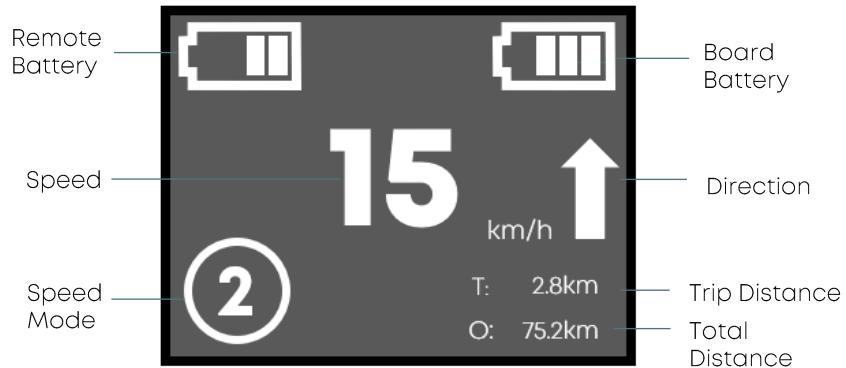
Belts and Motors – Ensure nothing is trapped in the belts and there are no noises or squeaks when moving

Motors – Ensure motors are secured without any wobble and are rotating easily

Batteries – Make sure there is enough battery on both the board and remote for your journey

Check the weather for the time of your return ride, you don't want to get caught in the rain!

1. REMOTE GLOSSARY



Display

2. BOARD GLOSSARY



3. GETTING READY



Always wear a helmet

Find an open, flat area with clean pavement for your first ride.

Read the warnings on the skateboard and at the beginning of this manual.

Other protective equipment such as kneepads, elbow-pads and wrist-guards are highly recommended.



AVOID THINGS THAT CAN CAUSE LOSS OF CONTROL OR COLLISION

WATER

RAILWAY TRACKS

NIGHT RIDING

CRACKS

GRATES / DRAINS

OBSTACLES

ROCKS

TRAFFIC

POOR VISABILITY

4. RIDING BASICS

Are you a “REGULAR” or “GOOFY” footed rider?

If you’re not sure it’s best to try both stances out to see which you are more comfortable with. On a Yawboard, the way you stand also determines which is your steering hand and which is your control hand.

Stance Tips

Your Yawboard 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 center of gravity.
- Ensure a strong back leg when accelerating.
- Ensure a strong front leg when braking.



GOOFY



REGULAR

4. RIDING BASICS (cont..)

The trucks on your board can be adjusted to suit your riding style, looser trucks are easier to turn but more unstable at high speeds, tighter trucks are better at speed but more difficult to turn.

Keep your trucks tight until you are confident with your board

The Yawboard has been designed to steer predominantly by tilting the deck with your feet and by shifting your bodyweight laterally. The handle will help you balance and to carve even harder when you need to but do not use it alone to steer.



DO NOT GRIP THE HANDLE TIGHTLY, ESPECIALLY AT HIGH SPEEDS AS IT IS MORE LIKELY TO CAUSE SPEED WOBBLES

When travelling at higher speeds, its better to distribute more of your weight over the rear wheels to give a more stable ride.



5. TURNING ON THE REMOTE

Press the on/off button (See remote glossary) on the remote for 1 second to turn it on

The remote will vibrate and enter connection mode

6. TURNING ON THE BOARD

Press the on/off button (See board glossary) on the battery pack

The light around the button will flash and the board will enter connection mode

7. CHECKING REMOTE-BOARD PAIRING

Your remote and board have been paired already and so should connect. The light on the battery pack will change to constant and the display on the remote will show the home status screen.

To connect a new remote or if you have trouble connecting, turn on the remote and board by holding down the on/off button for 5 seconds on each.

8. CHECKING THE BATTERY LIFE

Always check the battery level of the remote and board on the remote display screen before riding

WARNING: Never start a ride with a low remote battery indication

Both board and remote have up to 5 bars to indicate battery level

When the charge of the remote drops to 10%, the remote will indicate with two long vibrations

When the charge of the remote drops to 5%, the remote will again indicate with two long vibrations

When the charge of the remote drops to 1%, the remote control vibrates once and powers off automatically once the board stops

When the battery of the board drops to 25%, the remote will indicate with two long vibrations

When the charge of the board drops to 10%, the remote will indicate with two long vibrations

Ensure you stop safely when the board battery is running low

WARNING: Ensure the board does not run out of battery when riding

9. OPERATING THE BOARD WITH THE REMOTE



Hold the remote in your rear hand when standing on the board in your preferred stance. Place the wrist strap over your wrist.

Hold in the palm so the remote display can be seen easily

Use your thumb on the throttle wheel for acceleration and braking

Push forward to accelerate and pull back to brake



WARNING: Your Yawboard has a lot of power – Follow these tips to ensure a safe riding experience:

- Start by moving forward as slowly as possible.
- Move the Throttle Wheel in small increments.
- Keep a wide stance on the board.
- Keep a low center of gravity.
- Ensure a strong back leg when accelerating.
- Ensure a strong front leg when braking.

10. HINGE AND STRAP

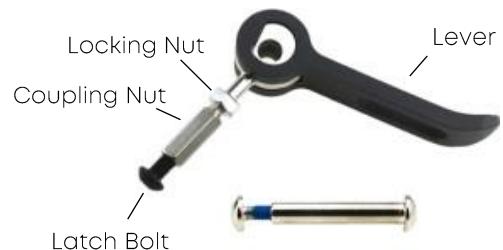
The rear strap is a Velcro piece to hold the handle down when storing or carrying your board.

You will have a handle strap on your board and spare handle strap in the box.

The different lengths are used if you have rear Shredlights or not. If you decide to change your setup and add or remove lights, you can replace the strap to suit.

If the handle hinge starts to feel loose when it is clamped or the clamp lever starts to open and close with less force, you can adjust the position of the latch with the latch bolt.

Loosen the locking nut on the inside and adjust the coupling nut the latch is slightly tighter, one it is set to the correct position, tighten the locking nut against the coupling nut as tight as possible and you're good to go.



11. CHANGING THE RIDE MODE



Your board should be delivered in beginner mode. Before following the instructions below to switch modes, make sure you have mastered the use of the remote and board.

There are 3 speed modes available. The speed mode of the board is shown in the bottom left corner of the remote display. The modes can be cycled through by pressing the mode button. The remote will vibrate briefly to indicate a change in speed mode.

- 1 - BEGINNER:** Limited acceleration, top speed of 11 mph
- 2 - ECONOMY:** Moderate acceleration, top speed of 16 mph
- 3 - EXPERT:** High acceleration, top speed of 22 mph

Throttle sensitivity is much higher in Economy and Expert mode, be cautious whenever riding in a new speed mode - Always ride in the lowest speed mode you need for the circumstances

Changing the direction of the board

The direction of the board can be changed by pressing the mode button twice in quick succession. The direction of the board is indicated on the right side of the remote display



WARNING: Never ride the board backwards unless to move away from a hazard

12. CHARGING THE BATTERIES

Your Yawboard and remote will be delivered with a partially charged battery. You must fully charge both before your first ride

After every ride, charge the battery to full and NOT LONGER.



WARNING: Do not leave chargers plugged in overnight or leave them on after the battery is full

To charge the board use the charger provided and plug into a grounded AC socket and into the charging port on the side of the battery. The rubber seal will need to be removed for access.

The light on the adaptor will change from green to red when the board is being charged. When the light turns green the board is fully charged and should be removed from the power and the rubber seal replaced.



WARNING: NEVER leave the board unattended when charging

To charge the remote plug in the charging cable provided to the charging port at the bottom of the remote and into a USB supply. The level of charge in the remote is shown on the display.

The remote will charge faster than the board. Remove from charging once the display shows a full battery.

13. TURNING OFF

When you have finished riding turn both the remote and board off.

To turn off the remote, press the on/off button for 2 seconds.

To turn off the board, press the on/off button for 2 seconds.

Turning the remote off first will apply the brakes to the motors and prevent the wheels from turning.

If the remote is disconnected from the board for 5 minutes, the board will automatically turn off.

If the board is turned off first, the remote will vibrate and the display will show that the pairing has been disconnected.



WARNING: Ensure the remote is turned off whenever you are not holding the board. Accidental movement of the throttle will accelerate the board

14. MAINTENANCE

If you regularly clean and maintain your Yawboard, it will last a long time and ride its best. Here are some tips to keep it that way:

1. Always clean your bearings with a tissue for best roll and smoothest ride
2. Always check all screws / nuts throughout the skateboard are tight (truck nuts, wheel nuts, etc.)
3. Rotate the position of the wheels regularly as the rear wheels will wear the fastest
4. Regularly clean and check the belt and drive gear for any damage or debris
5. Keep the battery fully charged at ALL times when not in use
6. Always store your board at room temperature (not in a hot car)
7. Clean your board from dust and dirt so it looks and rides as new at all times. Grip tape cleaning bars are great to keep your deck looking fresh



WARNING: Do not wash the board with water. Use a damp and dry cloth to clean.

15. TROUBLESHOOTING

Wheel Lock-up Warning

If the motors or wheels become locked or stuck, the remote will vibrate continuously and intermittently, the display will indicate a lock-up. Stop the board and check for any debris in the belts

Overheating Warning

If the operating temperature of motor is higher than 100°C or lower than 0°C, the remote will vibrate and the display will indicate overheating. Stop using if the operating temperature of the motor is high, wait for the temperature to drop before reusing.

16. MORE INFO

Storage

If you plan on storing your Yawboard for a long period of time without using it, make sure you fully charge the battery first and then charged once a month during storage

Store in a dry place at room temperature and cover from dust.

Riding Range

The maximum range of your board is based on a 70kg rider on a smooth flat road.

There are many factors that will affect the range of your Yawboard including:

- Surface Conditions
- Inclines
- Rider Weight
- Ambient Temperature
- Wind Conditions
- Ride Style and Riding Mode

Weight Limit

Maximum rider weight is 100kg. Heavier riders will require longer breaking distances and motor life may be reduced

Radio Frequency Energy

This equipment generates, uses, and can radiate radio frequency energy. If not installed and used in accordance with the instructions, it may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

17. WARNINGS AND SAFETY INFORMATION

Product Specifications

Yawboard Board: Rated Input: 42Vdc, 2-5A
Remote Control: Rated Input: 5Vdc, 1A
Operating Temperature: 0-40°C, 10-90% RH

Battery Safety and Handling Information

-  **CAUTION:** Risk of explosion if battery is replaced by an incorrect type. Dispose of used batteries according to instructions.
-  **WARNING:** Failure to follow these safety instructions could result in fire, electric shock, or other injury or damage to the board, remote or other property.

IMPORTANT Safety and Handling Information

Do not attempt to disassemble the product without consulting Yawboard's service department. Should your unit need service, contact Yawboard support at hello@yawboard.com

Changes or modifications made to this product not expressly approved by Yawboard may void the user's warranty.

Do not shock the battery by dropping it or throwing it

Always keep the battery out of reach of infants or small children

Never expose this product or the battery to any liquids

Never expose the battery into a fire or excessive heat, as that could cause the battery to explode

Never short-circuit the battery by bringing the connector terminals in contact with another metal object. This could cause personal injury or fire and could also damage the battery.

Your device contains an internal rechargeable lithium-ion battery. It may present a risk of fire or chemical burn if mistreated. Do not charge or use in a car or similar place where the temperature may exceed 40°C.

Battery Charging Information

 The charger supplied with the electric skateboard should be regularly examined for damage to the cord, plug, enclosure, and other parts. In the event of such damage, the skateboard must not be charged until the charger has been repaired or replaced.

Unplug the charger and disconnect it from the skateboard when not in use.

For indoor use only. Do not expose the charger to liquid, moisture or extreme humidity. Do not charge the board or remote outdoors or in the rain.

Stop charging the skateboard and/or remote if charging isn't completed within the specified time.

Stop charging the skateboard and/or remote if the batteries become abnormally hot, show signs of odor, discoloration, deformation, or if abnormal conditions are detected during use, charge, or storage.



CAUTION: Only use the dedicated charger provided for this unit.



WARNING: Power cord is used as a disconnection device. To fully de-energize equipment for service, disconnect the charger power cord.

Do not charge the skateboard and/or remote if the battery enclosure becomes cracked, swollen, or shows any other signs of misuse. Discontinue use immediately and promptly dispose of unit.

Product and Battery Disposal Information

Your device should not be placed in municipal waste. Please check local regulations for proper disposal of electronic products.

If this unit shows any type of damage, such as bulging, swelling, or disfigurement, discontinue use and immediately contact customer support.

Dispose of used batteries in accordance with the prevailing community regulations that apply to the disposal of batteries.

Never dispose of used batteries with other ordinary solid wastes.

Batteries contain toxic substances.

FCC STATEMENT :

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

This device may not cause harmful interference, and

This device must accept any interference received, including interference that may cause undesired operation.

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

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.

RF warning statement:

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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