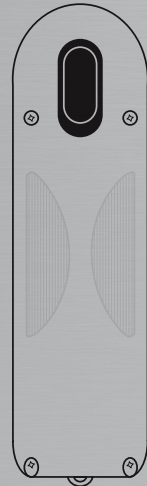
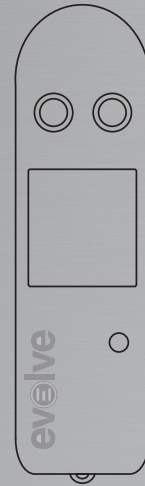


evolve
SKATEBOARDS



OWNERS
MANUAL



Congratulations on your purchase!

Evolve Skateboards are an exciting product and will provide you endless hours of fun, please read ALL of the Information below before you begin using your board.



Do not ride your board until you have read all of the following information



ALWAYS wear a helmet and other safety equipment when riding the board.



Your board can lose brakes and power during your ride at any time due to low power on the skateboard or remote. If this happens, its best to ride your board at speeds you are comfortable, without power or brakes.



ALWAYS obey and check the local road rules in your area for where you can ride, and do not ride on busy roads with line markings.



FAST and **GT** Mode are very powerful and the trigger is highly sensitive, be sure to be very gentle with the trigger control to avoid being thrown off the board. Start by trying to move as slowly as possible within these speed modes when both using the brakes and acceleration.



DO NOT ride the board if you are under the influence of drugs or alcohol.



DO NOT ride the board in wet conditions. The board may slide from under your feet causing injury, or may cause damage to the board.



ALWAYS respect pedestrians !



WARNING MESSAGE

- 1. Avoid water** - The board is not water proof. The electronics, bearings and other components may be damaged due to water, and water damage is not covered by warranty. Riding in wet conditions can also be very dangerous and may cause injury.
- 2. Abuse** - Do not jump on the board, do not ride off gutters or curbs, do not smash the board into hard objects, do not drop the board on the ground for starting operation. Although the product has been made to handle rigorous riding, its still an electrical product, and needs to be handled with care and respect. Warranty does not cover any of the above.
- 3.** Whenever you ride the Evolve board, you risk serious injury or even death from loss of control, collisions and falling. To ride safely, you must read **ALL** instructions and safety messages and warnings in this manual, and wear safety gear.
- 4.** Riding on hills can be very dangerous, what goes up must come down!, So if you ride up an insanely steep hill and you intend to ride down the same hill, this is extremely dangerous and you must know how to control your speed without the use of the electric brakes, if ever there was a malfunction or there was a situation where the brakes were to fail.

Although the GT board can eat hills of up to 25 degree gradient, riding continuously on a insanely steep hill will put massive stress on the electronics. We have installed current limit protections with our electric system, however if you feel the board slowing down on a steep hill, this is because the protection is kicking in and giving you warning its working too hard, at this time you must took at stopping to avoid risking damage to the electronics, which is not covered by our warranty policies.



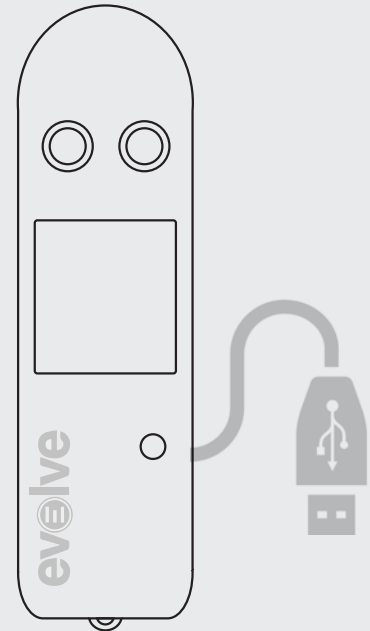
POWER / CHARGING

Before using the board, you must fully charge the battery.

1. Connect the supplied wall charger to the connection on your board, for the Carbon GT this is located next to the Power button, for the Bamboo GT, this port is located on the opposite side to the power button. Allow the battery to be fully charged, the charger will have a green light when fully charged, and a red light as it is charging. Charging can take some time, so it is best to place your board on charge after any ride, this will keep the battery fully charged and ready for action whenever you are. Remember to disconnect the wall charger once your board is fully charged.

TIP: You can charge your board even faster with the Super Fast Charger, sold separately via the Evolve website. www.evolvekateboards.com

2. Connect the supplied micro **USB** cable to your remote, and fully charge the device via any device that supports **USB** charging, there will be a red light while the remote is charging, and blue light when the remote has been fully charged.

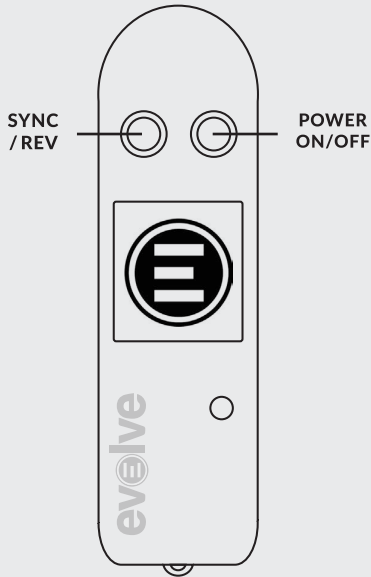




CONNECTING THE REMOTE

1. Powering on the board

Press the on/off button located under the skateboard. The button will flash once it has been turned on. To turn the board off, just press this button again and the light will then go off.

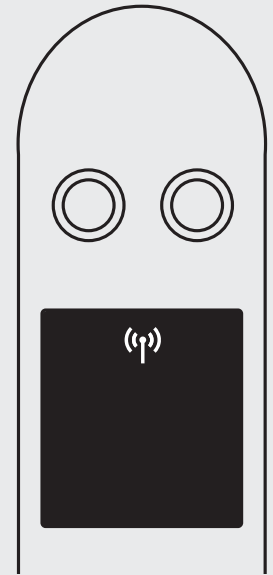


2. Powering on the remote

Press and hold the on/off button for 2 second on the remote (see left image). The remote LCD screen will display the Evolve logo then will display the operation screen. To turn the remote off, press and hold the on/off button for 2 seconds.

3. Pairing / syncing

Press and hold the left button on the remote for 1 second. A white antenna sign will begin to flash at the top of the screen (see right), and once paired, the white antenna sign will turn solid, and the batter display will show a reading. This means you are now ready to ride!





Using the remote

1. How to accelerate

Pull the trigger **SLOWLY**, and you will begin to move forward. The further you pull the trigger the faster you will go. **TIP** - Have your weight positioned on the front foot when you accelerate, this stops the board from flying out from under your feet !

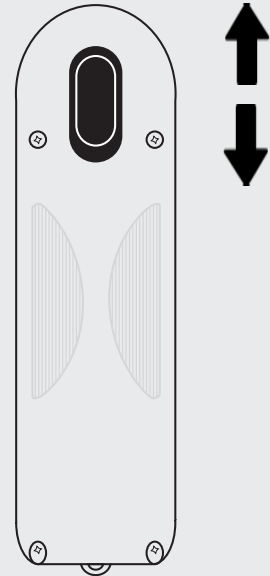


2. How to brake

Push the trigger forward **SLOWLY**, and you will begin to slow down. The further you push the trigger, the stronger the braking will be.



TIP - Have your weight positioned on the back foot when you apply the brake, this will stop you from flying forward, and as you start to come to a full stop, transition your weight smoothly to the front foot.





Changing Speeds (Slow, ECO, Fast and GT)

With the board and remote both turned on, your current speed mode setting will be displayed on the top left of the remote. To change your speed settings, simply keep pressing the on/off button to cycle through the four speed types (**Slow, ECO, Fast and GT**).

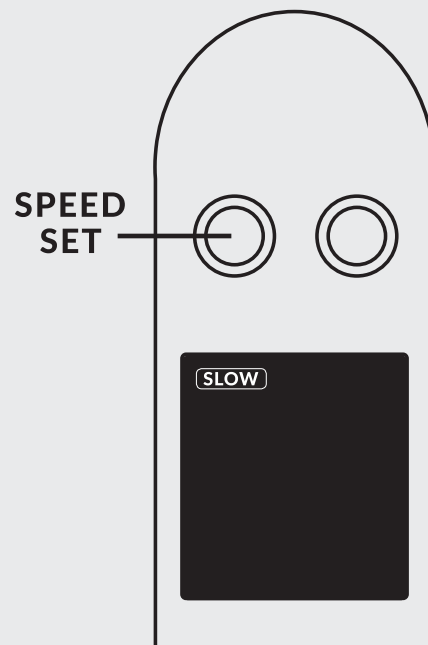
TIP - Be sure not to press and hold the on/off button, as this turns the remote off. The remote will remember what speed mode the previous ride was in, and next time you turn on the board and remote, it will begin in this speed mode.

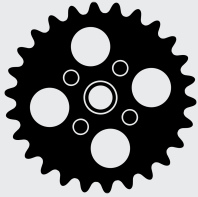
Slow - Perfect for beginners, has limited top speed of 14km/hr.

ECO - Perfect for cruising on longer rides, that have no incline, has slower acceleration and top speed of around 27-30km/hr. ECO mode is not designed to ride on hills.

Fast - For the advanced rider, has faster acceleration, good on hills and reaches top speed quickly.

GT - For the expert !, Extreme acceleration, reaches top speed quickly, and eats hills of up to 25% gradient!



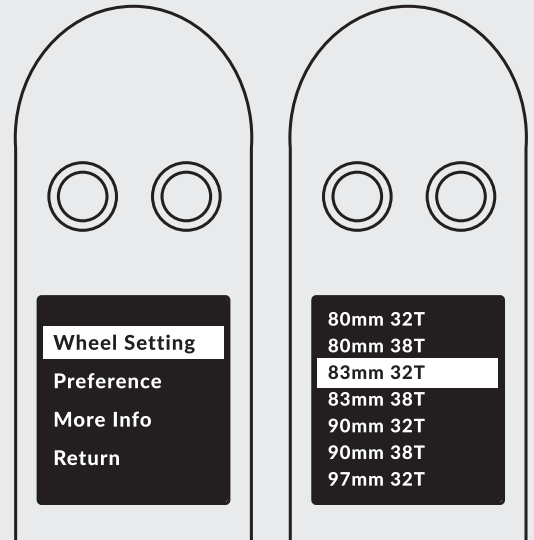


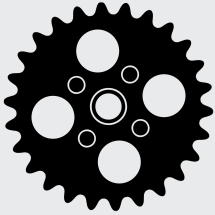
Wheel Setting screen. (Selecting wheel & gear size)

As the GT board can interchange wheels and drive gears, this will effect speed and torque ratios. Be sure to select the right wheel and gear combo you are riding with, as this will give you accurate speed display on your remote. The speed is calculated by the motors RPM, and is very accurate.

1. Press the left button on the remote twice quickly, This will display the Menu Screen, and the wheel setting menu item will be highlighted.
2. Now press the on/off button once quickly, this will enter the wheel and gear settings screen.
3. Use the left button on the remote to cycle through the wheel and gear settings list, once you have found your chosen option, press the on/off button on your remote once quickly, this will confirm your setting, and you will return back to the main settings menu.

For stock Evolve street wheels, use 83mm 32T setting. For stock Evolve AT wheels, please use 175mm 66T option.





Preference Screen (selecting wheel & gear size)

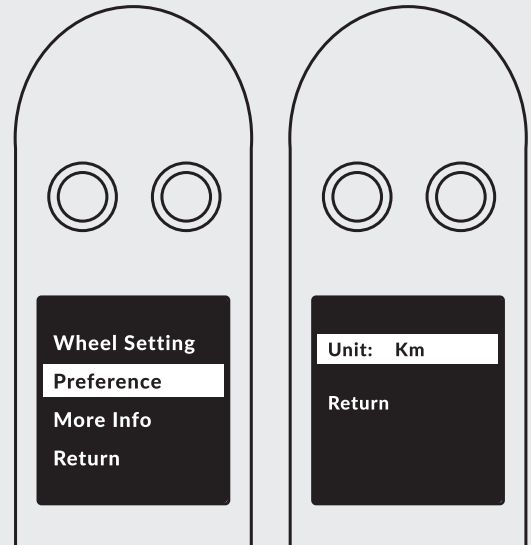
Preference Screen (Selecting Km/hr or Mph)

1. Press the left button on the remote twice quickly to display the settings menu.
2. Now press the left button on the remote until “preference” is highlighted.
3. Now press the right button on the remote, until you have selected the correct unit of measurement for your region.
4. Press the left button on the remote once to highlight return, then finally press the right button to return home.

More info Screen

This screen can also be accessed from the main setting menu, providing the following information:

1. Product Serial number
2. Battery Voltage display
3. Board error display

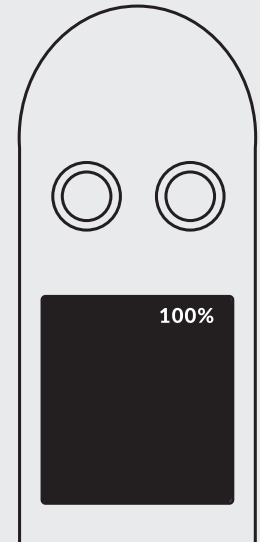


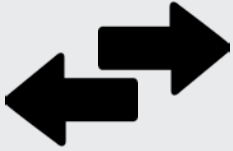


Battery Information Skateboard / Remote

When riding, you can see how much battery you have left in your board. The ‘%’ display is located at the top right of the remote screen, as you ride the ‘%’ will reduce in value. Please note, as the ‘%’ becomes less than **40%**, the battery will drain at a much faster rate, and performance of both top speed and torque will reduce. During this time, you should begin thinking about charging your board. Riding up hills, on grass, heavy acceleration and multiple speed changes will further reduce the ‘%’, compared to riding on flats and holding a good speed. Riding in **FAST** or **GT** modes will also reduce the % value faster than riding in **SLOW** or **ECO**, due to a higher current draw. The most efficient way to ride, and to get the most distance out of your battery, is to ride mostly on smooth surfaces, and hold a consistent speed, avoiding multiple speed changes. When the battery is fully charged, the ‘%’ indicator will be a green colour, as your board gets below **50%** it will turn yellow/orange, and finally red, once your battery reaches **14%**. Once your battery falls below **14%**, “**BATTERY DRAIN**” will appear on the screen, this means it is time to recharge the battery.

The remote will also notify you when the battery needs to be charged. When you see a red flashing meter bar, this means the battery in the remote is very low, and should be charged as soon as possible.





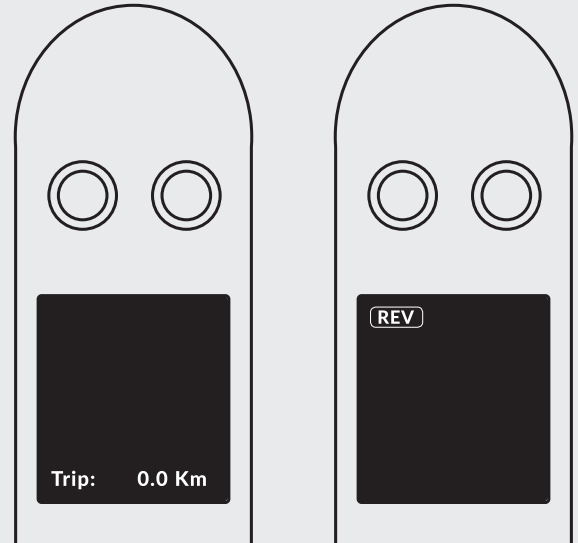
Ride Functions

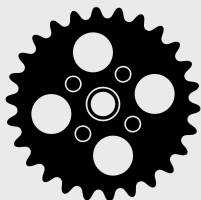
1. Trip Function

The display will show you the distance travelled for your current ride at the bottom of the screen, this information is highly accurate, and once you turn your board off, the trip meter will reset itself and return to 0 value.

2. Reverse Function

Press the left remote button (sync) once quickly to place the board into reverse mode (REV), the symbol will appear on the remote to remind you what mode you are in. To return to forward mode, press the left remote button again quickly, the screen will now reflect the change and the (REV) disappears.



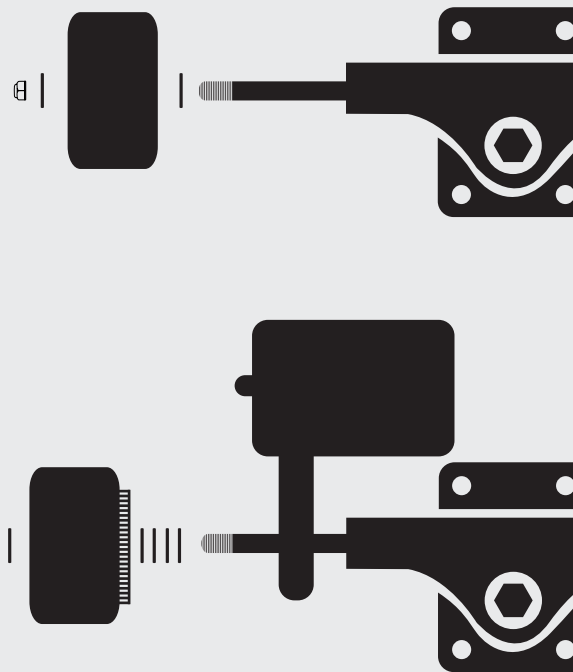


Changing Wheels

When swapping your wheels over, remember to add the correct amount of spacers. For the front trucks, use one speed ring, followed by your wheel, then another speed ring, and finally the wheel nut. For the rear trucks, use four speed rings, followed by your wheel, then one speed ring, and finally your wheel nut. Keep your speed rings in a safe place as you change your wheels, as they are very small and easy to misplace, it is a good idea to carry a small plastic zip-lock bag, with extra parts, so you can make adjustments or fix problems on the go.

NOTE: In future revisions of the truck design, you may only be required to use one speed ring instead of four, check the videos on wheel change overs on the tips section of the Evolve website.

For information on changing from street wheel set-up to AT wheel set-up, please visit the [Evolve Website](#) and follow the detailed instructional video.





RIDING TIPS

- 1. ALWAYS** wear a helmet and safety gear.
- The street boards perform their best on smoother style roads and pathways, always search for the ultimate riding surfaces such as car-parks, smooth roads and footpaths, its a good thing to mix it up!
- These boards are designed for carving, remember it is not always about speed, its about the performance of the carve, cursing the beach footpaths, transportation and having fun!
- To keep your board riding well, always keep your bearings clean, and check all screws on the board including battery cover and trucks remain tight. This is your responsibility and should be checked regularly. Lithium grease is a good trick for squeaking bushings, pivot cups and even wheel hub bearing seats, it works like magic!
- Never leave your board unattended while charging.
- Always clean your board (trucks, wheels, deck, battery box) this will make sure your board looks and performs as good as new.
- Be aware of the terrain you are riding on. Watch out for changes in the levels on roads / footpaths to avoid scratched on the under carriage and damage to the skateboard. Ride the street setup on smooth surfaces only, and ride the AT (all terrain) setup on all surfaces, avoiding however heavy off-road terrain, to reduce the risk of damaging your board.
- Try to avoid riding on steep hills for long distances, this will drain the battery faster, and put a heavier strain on electronics.
- Riding the board hard, and doing slides will put a large amount of strain on the drive train, if you intend to ride this way, be prepared for extra maintenance!
- 10. Always** ride within your limits, if you are new to skating or have not used an electric skateboard before, be sure to start off in a slower speed setting to get use to the power and performance of the thrilling ride that is the Evolve GT series.



Maintenance (quick guide)

If you regularly clean and maintain your electric skateboard, it will last you a long time, and ride at its best.

- 1. Always** clean your bearings for best rolling, and quietest / smoothest ride (including the bearing in the drive gear). Bearings get dirty and effect riding quality, which may reduce battery performance and cause possible damage or bearing failure. Keep an eye on the bushings and pivot cups, as these wear and become dirty, and create noise. If you experience this issue, apply a small amount of lithium grease, this works like a charm, but if the bushings are too worn out, its best to replace them with new ones.
- 2. Always** check all screws/nuts throughout the skateboard are tight including (truck nuts, wheel nuts etc.). These can become lose during riding sessions, and it is your responsibility to check them before each ride.
- 3. Rotate** the wheels on the skateboard, as you would do so with any longboard / skateboard, as the drive wheels will wear the fastest.
- 4. Regularly** clean and check the belts and drive gears for any signs of damage, a damaged part can effect the riding performance and could lead to injury. Be sure to replace any broken parts if necessary, which can be ordered via the Evolve website. **www.evolvekateboards.com**
- 5.** If you need to store your board for long periods of time, it is best to keep the battery voltage at around 36-37V. During times of heavy use, keep your board fully charged.
- 6. Always** store your board at room temperature (never in a hot car!)
- 7. Clean** your board using a damp and dry cloth to remove any surface dust and dirt, this keeps the board looking and performing as new.
- 8. ALWAYS** strap the remote to your wrist, this will avoid dropping the remote for any reason, and keep it in good condition. If the strap shows signs of wear please replace it with a new one.



Trouble Shooting

This manual is a quick start guide only, for detailed information regarding tips, maintenance and troubleshooting, please visit **www.evolvekateboards.com** here you will find links to your local distributor for detailed information.

Please contact your local distributor for ALL maintenance and trouble shooting questions. You will also find many video tutorials on the distributor websites for you to follow.



Warranty

This board is covered by a 180 day manufacturers warranty that covers defects in workmanship and materials. This does not cover misuse, neglect, abuse, accident, perishable items such as belts, bushings, wheels and bearings, or riding in water or shipping damage. For warranty claims and details, please visit your local distributor website for instructions. Please keep your shipping box in case the board ever needs to be returned.

evolve
SKATEBOARDS