



TRANZITE
MOVING PEOPLE

USER MANUAL

HYBRID DIRECT DRIVE - BAMBOO

HYBRID DIRECTDRIVE - CARBON

www.tranzite.com





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DIRECT DRIVE BAMBOO





DIRECT DRIVE CARBON





WELCOME TO TRANZITE SKATEBOARDS

CONGRATULATIONS ON YOUR NEW BOARD !

Do not ride your board until you have read the following messages and fully read this operating manual

- **Your new electric skateboard is not a toy, is considered within the extreme sports category.**
- **ALWAYS wear a helmet** and other safety equipment when riding the board
- This electric skateboard is a **high-performance machine** and **should not be used or operated** in any way by children under the age of 16 years old, unless supervised by an adult.
- **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. Respect pedestrians at all times and other road users.
- **Only ride on the speed mode that you're comfortable with.** The higher speed modes are very powerful and increases the sensitivity of the acceleration and top speed that could cause you to lose control if you're not a confident rider.
- **Do not ride the board if you are under the influence of drugs or alcohol**
- **Do not ride the board in wet conditions.** Doing so may cause you to injure yourself. The board is not waterproof. In addition this will void any warranty.
- **Inspect your board before every ride,** ensure that all screws are tight, and the board is operating normally
- Your board can **loose brakes and power during your ride** at any time due to either a low battery or full battery.
- **Only ride the board at speeds you are comfortable** and have the ability to stop the board manually by your own means
- **Avoid downhill when board is at full battery or nearly empty,** as this can cause the board to shut off.
- **Be gentle with your board, handle it with care.** Don't drop the board on the ground, and don't hit the board against hard objects. Our warranty doesn't cover misuse of our products.
- **We do not accept liability for accidents or damage due to the use or misuse of our products.**





TERMS OF USE

WARNING MESSAGE

o **Avoid water** - the board is not waterproof. The electronics, bearings and other components may be damaged due to water ingress and water damage is not covered by warranty. Riding in wet conditions is also very dangerous and may cause injury to yourself and others.

o **Abuse** - the board is not designed to be subjected to rough handling. 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 spirited riding, it is still an electrical product and needs to be handled with care and respect. Our warranty does not cover any damage to the board as result of rough handling or misuse.

o Whenever you ride a Tranzite board, you risk **serious injury** or **even death** from loss of control, collisions, and falls. While this manual and other information included in our website and with your board provide guidance on how to most safely use your board, failure to exercise due care, skill and diligence may put you at risk of serious injury or death should you lose control, suffer a collision or fall off your board. You must read ALL instructions and safety messages and warnings in this manual.

o **Riding on Hills** - riding on hills can be very dangerous; what goes up must come down! If you ride up a steep hill and you intend to ride down the same hill, you must be competent at controlling your speed and direction without the aid of the electronic brakes if ever there was a malfunction or there was a situation where the electronic brakes fail

o **We do not accept liability for accidents or damage due to the use or misuse of our products.**



SPECS OF YOUR NEW E-BOARD

Deck	Bamboo: Maple / Bamboo - Mid Flex / 38" Carbon: Carbon Fibre composite / No Flex / 39"
Top Speed	Bamboo: 45 km/h / Carbon: 50 km/h
Range	Street Wheels 90mm: 45km Cloud Wheels 120mm: +40km Rubber wheels 115mm: 28-30km
Hill Climbing	20% - 25% Grade
Board Weight	Bamboo: 12 kg / Carbon: 10kg
Rider Weight Limit	120 kg
Trucks	Double Kingpin
Motors	Direct Drive 1600W per motor, 64 KV, Torque > 5.5 NM
ESC & Remote	Hobbywing Custom ESC + Hobbywing Screen Remote
Ride Modes	3 Speed Modes
Battery	Bamboo: Samsung 15Ah, 30Q, 10s5p Carbon: Samsung 15Ah, 50E, 12s3p
Wheels	Rubber 115mm or Cloud 120mm
Charging Time	3 - 4 Hours





REMOTE - OPERATING INSTRUCTIONS

Accelerate

Brake

Function button (B)

- Short press to switch speed mode:
 - (1): Low
 - (2): Medium
 - (3): Fast
- Double press to change riding direction

Power button (A)

- Long Press to turn ON/OFF
- Regulate your speed by pressing the button to activate the cruise mode
- Brake / Accelerate or press the button to leave the cruise mode.

Remote battery (5 bars)

- 100%
- 80%
- 60%
- 40%
- 20%

Board battery (5 bars)

- 100%
- 80%
- 60%
- 40%
- 20%

Speed meter

Speed mode

- 1 - Slow
- 2 - Mid
- 3- Fast

Direction Indicator
(fast press twice to change direction)

Odometer
Trip meter

Micro USB
-Charging port

Lanyard

Remote Specs

Battery voltage/capacity	3.7V / 400MAH
Charging interface	Micro USB
Charging time	1H
Communication mode	2.4G
Distance of remote control	40m (Open area)
Weight	~0.2



TURNING ON THE BOARD

To turn ON the board press and release the power button:

- Bamboo: located on the side of the battery box, under the deck (figure 1)
- Carbon: located under the deck, next to the motor cables (figure 2)

The light of the power button will turn ON, letting you know the board is ON. Press the same button again to turn the board off.

Turn ON the remote. To accelerate turn the throttle wheel forward slowly (for a soft take off) and faster (for more acceleration). The board has 3 speeds, being 1 the slowest and 3 the fastest. Start on 1 and make your way up to mode 3 to get used to each level.

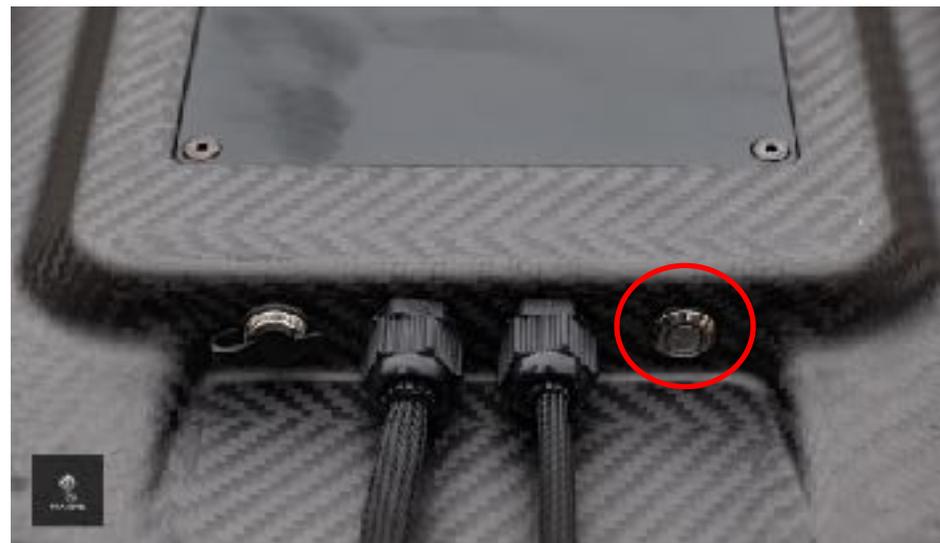
To brake, turn the knob on the remote backwards.

See the next page for information on how to use the remote.

Figure 1: Bamboo



Figure 2: Carbon





TURNING ON THE REMOTE

- **Turn On:** Press “button A” on the remote control for about 1 second and release. The remote control will vibrate shortly and enter into connection mode. The OLED screen displays the main interface or unconnected hint according to the connection state. Then press the power button of the skateboard to enter into connection mode.
 - **Note:** The normal state after the connection is that the OLED screen displays the main interface and indicator light of the skateboard is constantly on.
- **Turn Off** the remote press ‘button A’ for about 2 seconds. The remote will vibrate and turn off
- **Auto Off:** The remote control and skateboard will power off automatically if not being operated within 5 minutes if the skateboard is at stop position.





BATTERY LEVEL INDICATOR

The screen on the remote indicates the battery levels on both the board and remote.

- BOARD BATTERY LEVEL

There is a 5 grid power level indicator on the remote (top right part of the screen) representing 100% / 80% / 60% / 40% / 20% of charge level.

When the board battery level gets low (at around 20%) the remote will start vibrating and a low voltage message will appear, with more frequency as the battery level gets lower. At 10% the vibration will be longer. We do not recommend to ride the board until the battery is fully drained, this will cause the battery to shut down and could damage the batteries.

- REMOTE BATTERY LEVEL

The battery level indicator for the remote is located on the top left part of the screen remote. It also has 5 bars indicating 100% / 80% / 60% / 40% / 20%.





CHARGING YOUR BOARD

BOARD

For safe charging please follow these instructions:

Use the charger provided

First plug the charger to the board, make sure the charging port is clean and there is no sign of moisture or dirt.

Then plug the charger to the wall socket.

Don't leave the board unattended while charging, or charging overnight.

The charger light is RED when charging and GREEN when fully charged. A full charge will take 3-4 hours.

REMOTE

Use the USB C cable provided.

Full charge of the remote takes up to 30min.

BATTERY MANAGEMENT

To extend the life of your battery it is recommended to:

- Don't drain the battery fully when riding
- When storing the board for long periods of time it is recommended to do with a 60% battery level.





WHEELS

The Bamboo and Carbon Direct Drive boards can be used with most ABEC and KEGGEL wheels. Adapters for these 2 type of wheels are available.

These are the main wheels used by Tranzite:



XGLOW
97 mm



CLOUD
120 mm



RUBBER
115 mm





MALFUNCTIONS & WARNINGS

SIGNAL LOSS

When the signal connection between the board and remote, the screen of the remote control indicates disconnection, with a short vibration. If the skateboard is in movement, first the acceleration will stop slowly, then brake slowly automatically. If the skateboard is not accelerating, it will brake slowly. If the signal is lost, the remote control will search the device of the skateboard, if it succeeds in searching and reconnecting, the remote control will short vibrate, the brake will be cancelled and return to normal operation.

LOCK-UP WARNING

When the motor is locked-up or completely struck, the remote control will short vibrate continuously and intermittently, the screen of remote control indicates lock-up. If that happens, the user should stop running skateboard and check whether there is anything stuck on the board or motor, clear it run the board again.

OVER-HEAT WARNING

When the operating temperature of the motor is higher than 100°C or lower than 0°C, the remote control vibrates and the screen indicates overheat and the motor will lose power and stop working.

Note: The user should pay attention to the temperature of the motor. Stop using if the operating temperature of the motor is high. Let the board rest and cool off before continuing using.

* PS: avoid steep uphill and extended riding on grass, this will overheat the motors.

OVER-CURRENT WARNING

When the operating current of the motor exceeds the value allowed, the screen of remote control indicates over-current, the motor stops working. Stop the skateboard, let it rest a few minutes and power it again. It can be used after the current returns to normal.





WARNING

SAFETY DISCLAIMER AND INDEMNITY

o Sporting and outdoor activities are inherently dangerous activities and pose a risk to Your life. The best safety equipment and the most experienced user cannot completely eliminate the risks certain sporting and outdoor activities pose, including when using any of our electric skateboards and related products from Tranzite Skateboards (Our Products).

o By purchasing and using our products, you understand, agree and voluntarily undertake to assume the risks involved with sporting and outdoor activities, including while using Our Products. You understand risks and dangers include, but are not limited to sprains, broken bones, bruises, cuts, temporary or permanent paralysis and even death. Other risks which may arise when using Our Products include unforeseen weather conditions, hazardous and unknown terrain, geographical conditions, failure to properly maintain equipment, failure to obey traffic instructions or local laws and engaging in sporting and outdoor activities while physically exhausted, disabled or under the influence of drugs or alcohol.

o Our Products are high-performance machines and should not be used or operated in any way by people under the age of 16 years old. **YOU MUST WEAR APPROPRIATE SAFETY EQUIPMENT (INCLUDING ALWAYS WEARING A HELMET) AT ALL TIMES WHENEVER USING OUR PRODUCTS.**

o You must only use our Products in accordance with all applicable laws, regulations and standards in the jurisdiction in which You operate the Product.

o You are liable for, and indemnify Tranzite Skateboards (Us) from and against, all loss or damage (including legal costs) suffered or incurred by Us however caused in connection with: Your use of the Products; personal injury or death of any person (including You or any third party) in connection with use of Our Products; breach of any laws, regulations or standards by You arising from Your purchase, use or possession of the Products; damage to property in connection with the storage or use of the Products; or any act or omission (negligent or otherwise) of You. (“You” means a customer that orders a product from us. “We”, “Us” or “Our” means Tranzite Skateboards)