

VOYAGER

ELECTRIC SKATEBOARD



NEUTRINO USER'S MANUAL

INTRODUCTION

Thank you for purchasing your new Neutrino Electric Skateboard and welcome to the Voyager family. We hope that you'll do plenty of exploring on your new board. The neutrino is compact, portable and packs plenty of power to get you where you're going. Please enjoy your new board responsibly and be sure to read the entire instruction manual before your first use. Have a blast, be safe and **Get Moving!**

SPECIFICATIONS

- Top Speed: 12.5 mph
- Power: 350 Watts
- Battery Range: ~7 Miles
- Board Weight: 9.5 lbs
- Max Rider Capacity: 176 lbs
- Remote Connectivity: Wireless
- Wheels: 75mm
- Charge Time: 2 Hours
- Battery: Lithium Ion (LG) 36V 2.6 Ah/93.6 Wh
- Deck Material: Polypropylene Fireproof Composite
- Deck Dimensions: 28" x 7.5"
- Water Resistance: IP65

IN THE BOX

- Neutrino Electric Skateboard
- Wireless Remote
- All-in-one multifunction T-tool
- Charging Adapter
- Micro USB Cable

CAUTION

As with any skateboard, whenever you ride your Neutrino you may risk death or serious injury from loss of control, collision or falls. All riders should read, understand and take heed of the instructions in the user guide when riding.

BEFORE YOU RIDE

Prior to use, perform a quick visual check to verify that the skateboard is in good shape and that your equipment is not damaged.

Make sure the battery is fully charged before your first use. The battery will take approximately 2 hours to charge to full from empty.

Ensure that you have appropriate safety gear. You must always wear a helmet when riding, but we also recommend elbow and knee pads, especially for less experienced riders.

Find a safe environment to use the electric skateboard. When you are starting out, we recommend a flat or mostly flat surface to get acquainted with your Neutrino and its controls. We do not recommend using your skateboard in the rain or other wet conditions as it is unsafe and may cause damage to the board.

Check the motor settings, and make sure the drive mode is set to forward before you take off!

PLEASE NOTE

Improper operation may cause overheating or serious injury.

Do not tamper with the battery or any of the wiring or attempt to modify the board.

Please only use official Voyager parts on your board. Other parts are not guaranteed to work and will void your warranty.

Do not use the board if it is damaged, has been soaked with water or liquid, or if the battery pack has been damaged.

Do not charge the board in abnormally hot, cold or wet conditions, like rain or direct sunlight. Charge in a shaded and dry location outside and away from any kind of combustible fuels

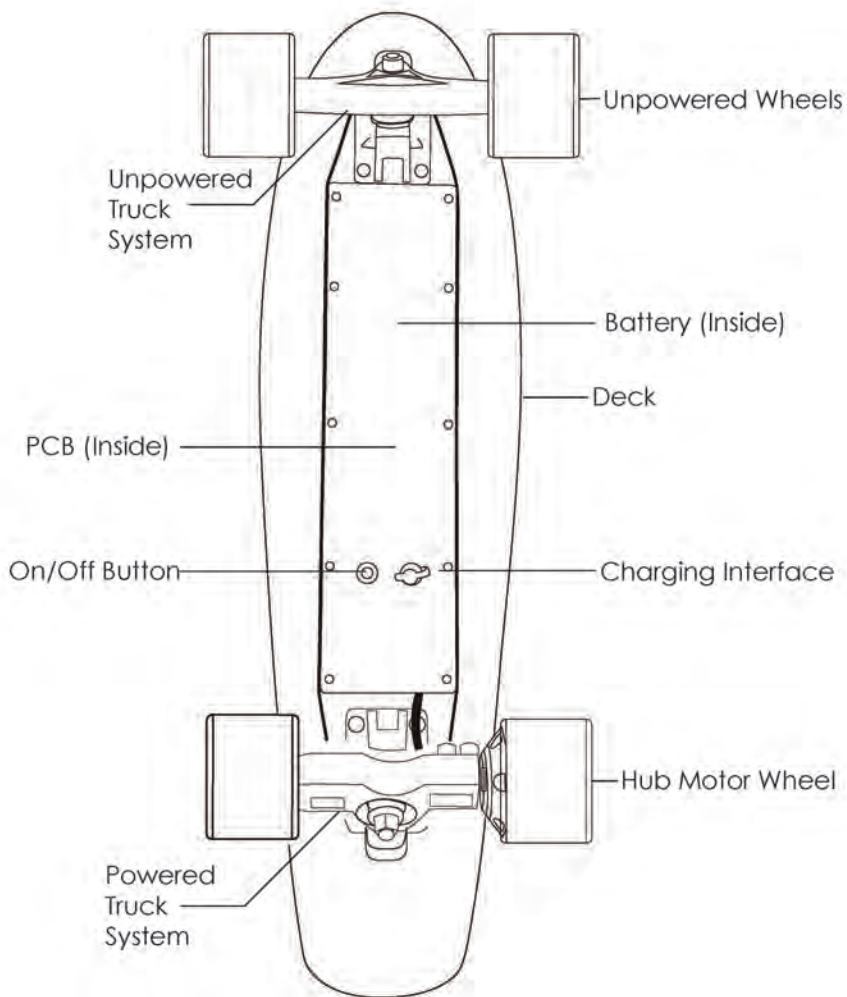
Do not touch the surface of the motor or rear truck after use as the motor can get hot.

GET MOVING

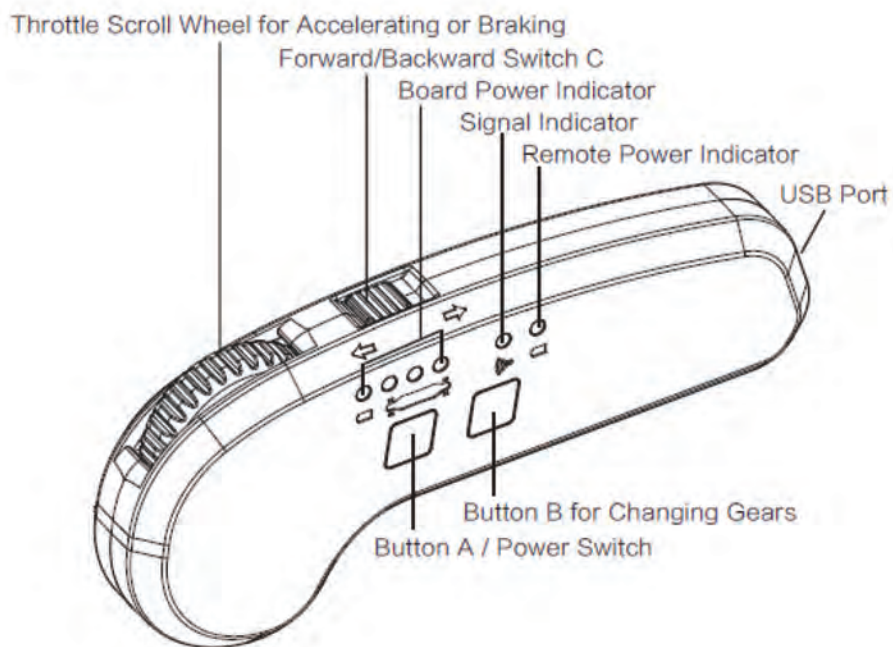
- Power up the unit and check that everything is running smoothly
- Engage the brake by pressing downwards on the throttle wheel. This will make it easier to stand on the board initially.
- Step onto the board and find your balance. You should put the foot that you kick with on the rear of the board and your other foot on the front. If your right foot is forward, and your left foot is back, this is called riding "goofy."
- Once you're on the board and have your balance, gently push up on the throttle control on the remote.
- The more you push up on the throttle ,the faster you will travel.
- Pushing downward on the throttle control will engage the brakes.
- Practice going forward slowly until you feel comfortable, then try turning by shifting your weight forward and backward.
- We suggest learning with a friend initially, so that you have support and someone to stabilize you in case you start to fall.
- Ride at a comfortable a pace, until you have some experience using the electric skateboard.
- Keep practicing and you'll get the hang of it in no time.

Note: See pages 4 & 5 for labeled diagrams of the board, remote and their functions.

THE BOARD



THE REMOTE



CHARGING

- Charge your board fully before riding for the first time.
- Never charge battery when the ambient temperature is below 34°F (1°C) or above 104°F (40°C).
- Ideal charging/operating temperature range is 50°-75°F(10°-24°C).
- Charge in a safe dry area, and do not leave the board charging in a location that is likely to be ignored or forgotten.
- Only use the charger provided with your board. Using any other charger will void your warranty, damage your board and could cause an electrical hazard.
- Make sure the board is powered off before charging.
- To charge the board, plug the charger into the charging interface on the underside of the board (refer to page 4 of this manual for exact location), then plug the other end of the charger into wall outlet.
- The light on the charger will illuminate red while charging ,then change to green when the board is fully charged.
- When fully charged, disconnect the charger from the outlet, then from unplug it from the board.

USING THE REMOTE

Starting Up

Press "Button A" (indicated on page 5) for about five seconds to power on the remote. Then push the power button on your board. Your remote comes already paired with your board out of the box.

Powering Down

When the remote is powered on, press and hold "Button A" for about three seconds to shut it down. The remote control will vibrate.

The remote control as well as the skateboard will automatically shut down when it is stationary for more than 5 minutes.

Battery

Remote control power indicator:

Green light: 100%

Red Light: less than 25%

Charging time: 1 hour

Battery voltage/capacity 3.7V/ 400mAh

USB Charging port located on the rear of the device. To charge, plug in the included USB power adapter and connect to a power source. When the remote control is connected and charged, the remote control vibrates once, and the indicator light illuminates.

Skateboard Power Indicator

There are four LED lights above "Button A" (indicated on page 5) that indicate the power level of the board. Each light indicates 25 percent of the boards total power. When all four LEDs are illuminated, the board is at 100 percent power. When only one LED is illuminated, the board is at 25 percent power and should be charged.

Throttle/Brake Control

Push the wheel on the remote control forward to increase speed and push it back to apply the brake.

Skateboard Direction Switch

To change the direction in which the board travels, use "Switch C" (indicated on page 5). When the switch is in the forward position, the board will move forward when you press up on the throttle wheel. When the switch is in the reverse position, the board will move backwards when you press up on the throttle wheel.

USING THE REMOTE

Gear Shift

"Button B" on the remote control switches between low and high gear on your skateboard.

When you press "Button B," the remote control will vibrate for a short time and the skateboard power indicator lights will flash rapidly and move to high gear. When you press the button again, the indicator lights will flash slowly, and the board will switch back to low gear.

Note: You can only switch gears when not using the throttle.

Signal Loss

The remote will vibrate once when the signal between the board and remote is lost. If you were accelerating, when the signal was lost, the board will stop accelerating and slowly start braking.

If the signal was lost during braking, the board will continue to gradually brake until you have stopped completely.

The remote will start searching for the board immediately when the signal is lost. The remote will vibrate when the signal is located and the board reconnects with the remote. You must set the throttle control to a neutral position before you can resume accelerating after the signal reconnects.

Pairing Remote

Out of the box your remote will be paired to the board. Under certain circumstances, such as connecting a replacement remote, it may be necessary to pair the remote to the board. To pair the remote to the board follow the below steps:

Turn on the board and hold the power button until the light on the board flashes red.

Press and hold the Power "Button A" for 5 seconds. Once on, the remote will vibrate and then enter connection mode. The signal light will start flashing red, once every second.

When the remote control vibrates twice quickly and then vibrates once for a longer period, this is an indication that the remote has found your board and connected to it. Once the remote and board are connected, the light will illuminate solid red and stay that way.

ERRORS / WARNINGS

Motor Lock Up

If the motor is locked up or stuck, the remote will vibrate intermittently and the board power indicator (see page 5) will flash in an alternating pattern. To remedy the issue, please stop using the board and check to see if the motor is jammed with foreign material. If it is, remove the blockage and resume using the board.

Overheating

If the board is starting to overheat (operating over 100° C/212° F), the remote will vibrate once and the battery power indicator (see page 5) will begin flashing intermittently. The board will only output 25% power until it cools down. We recommend giving the board a break until it cools down, then resuming your ride.

Short Circuit

If the board short circuits, all four lights on the battery power indicator (see page 5) will flash intermittently and the motor will stop working. Please restart the board if this occurs.

Overcharge

The Neutrino is equipped with regenerative braking, meaning that going downhill with a fully charged battery can overcharge and ultimately damage the battery. To safely go downhill, you must first use up some of the power stored in the battery.

If you start going downhill with a full battery, the remote will vibrate and the Board Power Indicator lights (see page 5) will start flashing. After a short while, the board will automatically start braking to remind you not to continue overcharging the battery.

Board Low Voltage

When the skateboard's charge is down to 25%, you will see only one of the "board power indicator" lights (see page 5) illuminated on the remote. The remote will also vibrate as a warning.

When the board charge is down to 12.5%, the remote will vibrate again, and the throttle control will no longer let you accelerate. The brake is still functional, and the board will begin braking. At this point you need to charge your board again.

Remote Low Voltage

When the remote battery reaches 5%, the remote will vibrate twice slowly and the remote power indicator LED (see page 5) will flash red rapidly. When the remote goes below 2.5%, the skateboard will begin slowing down and the remote will power down.

REMOTE LIGHT CODES

The dots below correspond to the Board Power Indicator (see page 5) lights on the remote control.



Board Fully Charged



Board Low Power



Flashing



Flashing



Motor Lock Up (see page 9 for instructions)



Overheating (see page 9 for instructions)



Flashing



Flashing



Short Circuit (see page 9 for instructions)



Overcharge Warning
(see page 9 for instructions)

FCC COMPLIANCE

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

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.

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.

AIR TRANSPORT

The Neutrino battery is under 100Wh capacity and is therefor permitted for commercial air transport on passenger planes as a consumer electronic device under Section II of P1967 UN 38.3.

Technical Specifications:

36 Volt/93.6Wh (LG) Li-ion Battery

WARRANTY

This warranty covers the original consumer purchaser only and is not transferable.

This warranty covers products that fail to function properly UNDER NORMAL USAGE, due to defects in material or workmanship. Your product will be repaired or replaced at no charge for parts or labor for a period of one year.

What Is Not Covered by Warranty

Damages or malfunctions not resulting from defects in material or workmanship and damages or malfunctions from other than normal use, including but limited to, repair by unauthorized parties, tampering, modification or accident.

To Obtain Warranty Service and Troubleshooting Information:

Call (855)-292-4087 in the U.S. or visit our website at www.ridevoyager.com.

To receive Warranty service along with the name and address of an authorized product service center, the original consumer purchaser must contact us for problem determination and service procedures. Proof of purchase in the form of a bill of sale or receipted invoice, evidencing that the product is within the applicable Warranty period(s), MUST be presented in order to obtain the requested service. It is your responsibility to properly package and send any defective products along with a dated copy of proof of purchase, a written explanation of the problem, and a valid return address to the authorized service center at your expense. Do not include any other items or accessories with the defective product. Any products received by the authorized service center that are not covered by warranty will be returned unrepai red.

LOCAL LAWS

Prior to purchasing any motorized vehicle, we highly recommend that you research your local regulations and country-specific laws. Ultimately, you are responsible for complying with all applicable laws and regulations. Voyager waives all liability relating to your use of Voyager products.



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