User Manual

BLACK HAWK ELECTRIC

Urban Series

English

Contents

Safety Notice

Prior to riding the Black Hawk Electric Skateboard, it is important to read through this user manual. All instructions and warnings should be followed to ensure safe operation.

Proper judgement and sensible operation should be applied at all times when operating the electric skateboard. This device uses brushless hub motors to accelerate and brake while in operation. The skateboard is capable of high speeds and fast acceleration that could result in serious injury or death if not ridden carefully.

To minimize risk, please read this manual and only operate the skateboard in safe environments.

Your skateboard can lose power or braking ability at any time so ensure you only ever ride the skateboard at a comfortable speed similar to that of a normal un-powered skateboard. Braking the skateboard manually with enclosed footwear may be required in an emergency.

Always wear a helmet and ensure protective gear such as knee pads, elbow pads and wrist guards are considered. Falling from the skateboard at high speeds can cause serious injuries so protect yourself with appropriate protective equipment.

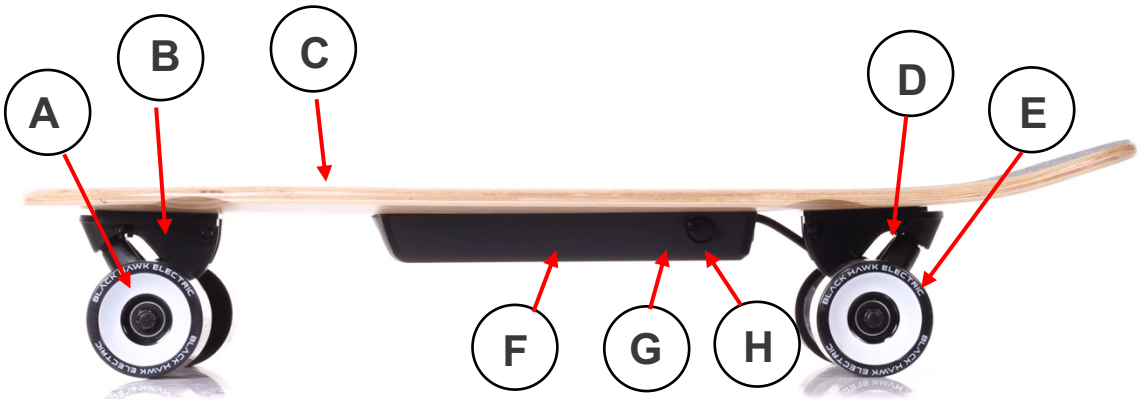
For more information on our product disclaimer please visit blackhawkelectric.com.au

Safety checks all riders must complete before operating their electric skateboard before each and every use:

- Turn on both the skateboard and the remote controller.
- Test functions of the remote controller with the skateboard's motor(s) held up off the ground.
- Test acceleration and braking to ensure that the remote controller's joystick is functioning and returns to neutral when released.
- Ensure all fittings, fixtures and components are tightened and safe to ride on.

Components

See below the breakdown of all components:



A – Front Wheels
B – Front Trucks
C – Deck
D – Rear Trucks
E – Rear Wheels
F – Battery
G – On/Off Switch
H – Charge Port (on other side)

Charging

Charging of your electric skateboard is made simple thanks to an intelligent smart-charger and an on-board Battery Management System, (BMS).

When charging it's important to connect the charger and charger cord to the power outlet, (wall socket) **before** connecting to the skateboard.

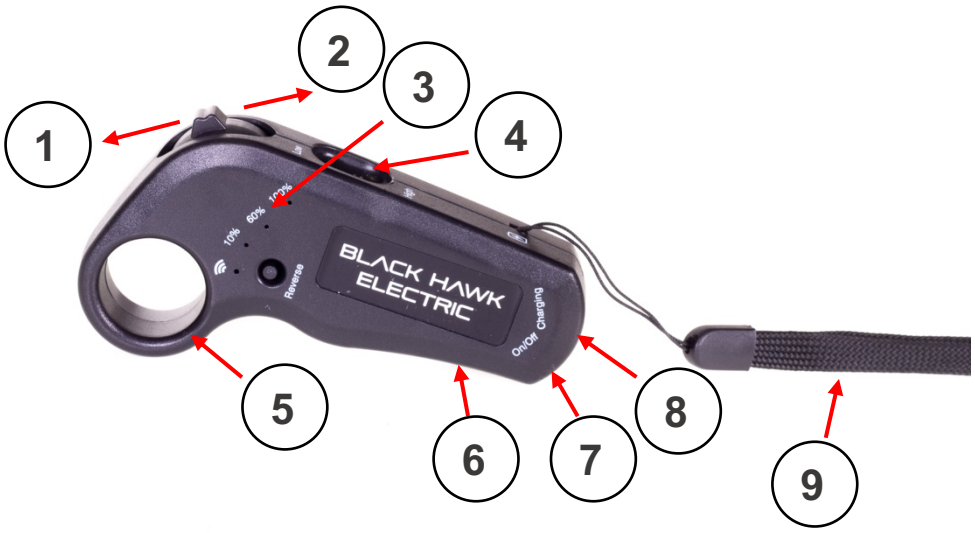
Your charger has two lights to display the charging status.

A red light means your charger is connected and charging the battery. A green light means the charger has finished charging the battery. It can also mean the charger is not connected.

Charging the Electric Skateboard takes 3-4 hours from empty

Charging the hand control is also a simple process thanks to a one-piece USB charging cord. Connect the hand control to a 12V USB output via the supplied cord. Charging the remote battery usually takes 30 minutes from empty.

Remote Control



Controls

1 – Accelerate
2 – Brake
3 – Battery Level Indicator
4 – Speed Modes
5 – Index Finger Hole
6 – Reset Button
7 – On/Off Button
8 – Charge Port
9 – Safety Lanyard

Pairing

1 – Power on the skateboard

2 – Once on, press and the controller power button for a couple of seconds.

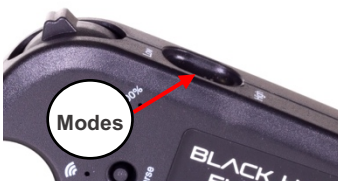
3 – Once on, the indicator light should begin blinking slowly.

Should you need to repair your remote, please follow these steps.

1. Turn on both the board and the remote control.
2. Hold down the board on/off switch for 5 seconds until the indicator light flashes.
3. Using a small/sharp object, press the sunken reset button on the remote control. Repeat until paired.

Speed Modes

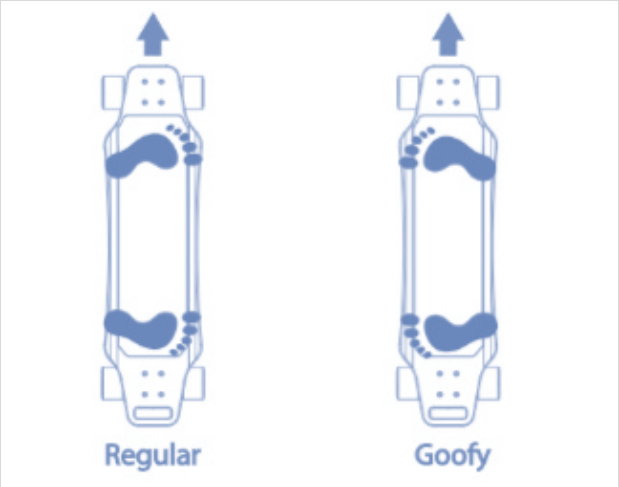
The controller features a speed mode switch which allows your skateboard to switch between three different levels of power. In the low setting, the skateboard operates in the beginner mode, (Speed Mode 1). Then in the medium setting the skateboard operates the moderate mode, (Speed Mode 2). Finally, in the high setting, the skateboard operates in the advanced setting, (Speed Mode 3). We recommend the use of Speed Mode 2 in wide open spaces.



Basic Operation

Riding Style

It is important to make sure you're comfortable and ensure you're riding with the correct stance. You can ride in two different stances as shown below:



Balance

This electric skateboard uses a powerful motor which can throw you off balance when accelerating and also decelerating. It is important to pre-empt these forces and counteract the propulsion and/or the slowing-down of the skateboard.

When accelerating you will need to either lean slightly forwards or transfer weight onto your front foot.

When decelerating you will need to either lean slightly backwards or transfer weight onto your back foot.

Gentle Control Inputs

When operating the hand control the rider must use a careful amount of input onto the speed/braking controller. Similar to operating a vehicle or motorbike, slow and small movements of the control(s) is crucial.

Fast or erratic inputs to the speed controller will likely cause a loss of balance and lead to the rider falling from the skateboard.

User Safety

Limitations

It's important to understand what the skateboard is capable of. This includes environment, surrounds, traffic and weather.

We recommend use of the skateboard on smooth, even surfaces away from other vehicles and pedestrians.

Operation of the skateboard on damp roads or in light rain is not permittable and any exposure to water or moisture should be avoided. (See warranty information). Riding the skateboard in wet conditions will compromise traction, braking and turning abilities. All Black Hawk boards have measures in place to show to us any evidence of contact with water.

Things you should avoid

- Bumps, cracks and uneven surfaces
- Rocks, gravel and pebbles
- Steep hills
- Water and wet surfaces
- Sand, grass and dirt

Further recommendations

- Always wear protective equipment
- Never wear loose clothing that could become caught under the wheels
- Avoid obstructions that could compromise your balance
- Avoid gutters, curbs, steps and driveways
- Apply caution in new areas that you're not familiar with
- Apply caution around pedestrians and always give way
- Avoid speeding up behind pedestrians
- Avoid shared traffic conditions with other motor vehicles

For more information on what the skateboard is capable of and warranty terms for please visit the warranty information on page 14 of this user manual or on our website at: blackhawkelectric.com.au

Battery Safety

It is important to follow and observe all safety information to ensure safe use of the electric skateboard and battery.

- Do not use skateboard if the battery pack is broken or pierced.
- Do not use skateboard if the battery pack emits an unusual smell, smoke or excessive heat.
- Do not use skateboard if battery pack leaks any substance and avoid contact with battery.
- Keep out of reach of children and pets.
- Exposure to battery voltage could result in serious injury or death.
- Unplug or disconnect the skateboard from AC power before removing or attaching battery or performing any service.
- Never work on the skateboard when it is plugged into AC power source. You may risk serious injury from electric shock as well as damage to the skateboard.
- The cells within the battery contain toxic substances.
- Do not attempt open batteries. Do not insert any objects into the battery or use and device to pry the battery out of the skateboard.
- If you insert an object into any of the battery ports or openings you could suffer electric shock, injury, burns or cause a fire.
- Attempting to open the battery casing will damage the casing and could release toxic and harmful substances and render the battery pack and skateboard useless and warranty voided.
- Observe and follow all safety information on the warning label found on the batteries.
- Failure to charge the batteries could result in permanent damage to them. Left unplugged, the batteries could fully discharge over time and could cause permanent damage rendering the battery pack and skateboard useless and warranty voided.

Battery Safety Continued…

- Only use chargers supplied and approved by Black Hawk Electric and never attempt to bypass or override the protection circuits.
- Do not attempt to wash the skateboard with water or high-pressure water washers.
- Avoid getting water near or into the charge port.
- Do not fit or install any voltage measuring devices to any components.
- Always make sure that the charger port is dry before you connect the charger cord.
- Do not submerge the battery, skateboard or charger into water. If you suspect the batteries or skateboard have been submerged or experienced water intrusion, do not attempt to remove the batteries.
- Do not plug the charger into the board if the skateboard, battery, motors or charger has been submerged or exposed to water ingress.
- As will all rechargeable batteries, do not charge near flammable material or liquids.
- If you use, charge or store the skateboard outside the limits specified, you may void the warranty. You may also damage your batteries and/or experience a reduced range and inconsistent battery charging.
- Do not leave the skateboard charging or stored in any room, dwelling, vehicle or confined space that is above 30° Celsius or below 5° Celsius. Leaving your skateboard in a hot vehicle may cause damage to the battery, motors, vehicle or surrounding environment.
- Lithium Ion batteries are classed as, “Hazardous Materials.” Transporting Lithium Ion batteries by air or other methods may be prohibited by policies or law.
- Contact the designated company or agents transporting the skateboard for their rules and regulations.
- Failure to follow these instructions could cause electric shock, injury, burns or cause a fire.

Mechanical Maintenance

Truck Adjustments

Adjusting the turning ability of the skateboard is made simple with the included multitool and the built in hex key. Whilst we recommend leaving both front and rear trucks as is from new, higher speed riding may require stiffer trucks to avoid becoming unbalanced at high speed.

To tighten your trucks, connect your multitool to the black nut of the truck and tighten to the right in a clockwise direction. Only small adjustments are needed. To loosen, reverse the above. Be sure never to loosen the trucks too much as this is a serious safety risk.

Truck Adjustments

Component Removal

Removing any components without permission from Black Hawk Electric may void your warranty. Replacing the battery, controller, a motor or any other working component should only be done after the 12 month warranty period has finished.

Skateboard Care

Wooden Deck

It is important to take care of the wooden deck used with this model. For example, we recommend storing the skateboard upright on its wheels. Resting the skateboard on its nose or tail will result in scratches, wear and possible damage to the deck. Repairing the wooden deck is difficult, costly and may void your warranty.

Fittings

For the metal components of the skateboard such as the trucks, we recommend checking over all fastenings every few times the board is ridden to ensure all are tightened appropriately. Riding the skateboard sends vibrations through all components and can over time lead to the loosening of some fasteners. A simple ‘once-over’ with an Allen key and spanner to the trucks (top and bottom) is all that is required.

Wheel Wear

Wheel wear can occur faster than other typical skateboard wheels. Should you notice wear on your tires it is important to monitor this wear and ensure the wheels are replaced before riding stability or motor safety is compromised.

Grip Tape

The grip tape used on the skateboard is tough wearing however it is expected to wear and decrease in grip with usage of the board. We recommend mounting and dismounting the skateboard without ‘scrubbing’ the grip tape too much to extend its lifetime.

Specifications

Motors	400W Brushless x 1
Battery	LG 2.2Ah Li-Ion Certified Firesafe
Deck Material	7 Layer Canadian Maple Wood
Speed	Up to 15kph
Range	Up to 10km
Hill Gradient	Suitable for flat areas
Weight	4kg
Charge Time	3 Hours
Warranty	12 months
Deck Length	70cm
Wheels	72mm x 51mm
Trucks	Aluminium
Remote	Ergonomic Bluetooth Remote
Weight Limit	70kg
Intended Usage	Recreational Use On Road
Age Limit	12+

Warranty and Guarantee

This agreement outlines the warranty coverage supplied by Black Hawk Electric Pty. Ltd.

The company warrants that the product will be free from defect in materials and workmanship for a period of 12 months. If the product proves defective under normal usage within the limitations given, a claim must be filed during the warranty time period. If the product is proved faulty under normal usage, Black Hawk Electric will at it's discretion:

- Repair the product by means of email support with supplied photos and/or footage to demonstrate the fault or issue from the customer.
- Repair the product with new or refurbished parts within a reasonable time frame.

Warranty matters cannot and will not be discussed through telephone discussions as all matters must be written in email to keep a paper trail of all things said.

The following situations are beyond the warranty inclusions:

- Damage has been caused by modification or used outside what is specified within the product limitations.
- The product has been dismantled or repaired by an unauthorized third party.
- Damage or fault has been caused by other issues.
- Natural wear and tear does not affect product function, including: scratches, wear and tear on deck, grip tape, bearings, wheels and wheel skins.
- Total distance travelled is over 1500km.
- Damage caused by accidents, such as: dropping the skateboard or leaving the skateboard in a wet environment where rust or corrosion has developed on the skateboard. This includes coastal areas where salt spray is abundant.
- Damage caused by overloading the electric skateboard.
- Damage cause by water.
- Damage caused by natural events such as fire, flood, storm or extreme temperatures.

Contact Black Hawk Electric for any warranty related matters.