

The logo for Hoyt St, featuring a stylized 'H' that incorporates a horizontal line extending to the right, followed by the words 'oyt St' in a clean, sans-serif font.

Hoyt St

ELECTRIC LONGBOARD
EL1

OWNER'S MANUAL



READ BEFORE YOU RIDE!



ALWAYS WEAR A HELMET when riding the board. Other protective gear like wrist guards, gloves, elbow and knee pads are also strongly recommended.



THE BOARD MAY LOSE POWER OR BRAKES due to low batteries or regenerative braking overcharge. Ride at speeds manageable without power or brakes.

DO NOT ride downhill on a full charge.



It is strongly recommended all riders take their first rides in **LEARNING MODE** (Mode 1) and slowly elevate modes to learn the feel and power of the board.



HILLS AND HIGH SPEED can be very dangerous. Always assume you may need to foot brake your way out of a sticky situation and never ride faster than you can stop. Ride within your capabilities.



NEVER ride the board while under the influence of drugs and/or alcohol.



PROLONGED EXPOSURE TO HIGH HEAT may damage the electronics. Avoid leaving your board in a hot car or trunk.

LEARN AND OBEY local traffic laws.

SHARE the road. Be courteous of cyclists, pedestrians and other modes of transport.





WARNING!



RISK OF DEATH OR SERIOUS INJURY. Skateboarding, electric or otherwise, is a dangerous activity. You put yourself at risk of death or serious injury every time you ride a skateboard. Appropriate precautions naturally mitigate these risks.



AVOID WATER! Your Hoyt St board is water resistant, not waterproof. The electronics and other components are susceptible to water damage.



ELECTRIC SHOCK RISK when opening the deck to remove batteries, avoid touching the encased electronics and blade connectors, particularly with metal, as it can damage the electronics and deliver an electric shock.



PINCH POINTS at the motor end of your board can grab fingers, hair and loose clothing. Keep clear of the motors, belts, pulleys and other moving parts.



MAINTENANCE is important to keep your board in safe and optimal condition. Familiarize yourself with the maintenance section of this manual and establish a regular schedule of care.

If your board is behaving irregularly, please contact hoytskate@hoytskate.com so we can troubleshoot the problem together.

PERFORMANCE SPECS

Depending on many variables including rider weight, speed, incline, temperature and tempo, your Hoyt St electric skateboard will travel up to 24 miles.

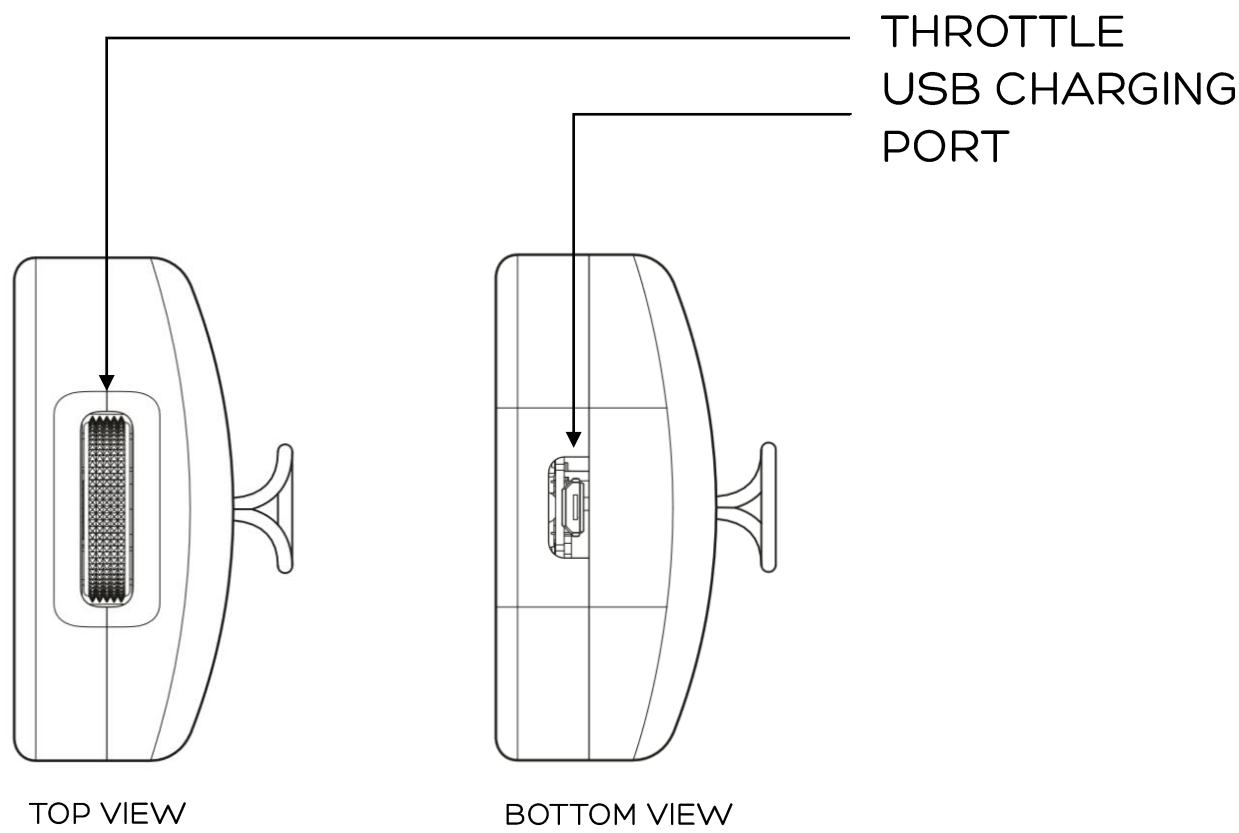
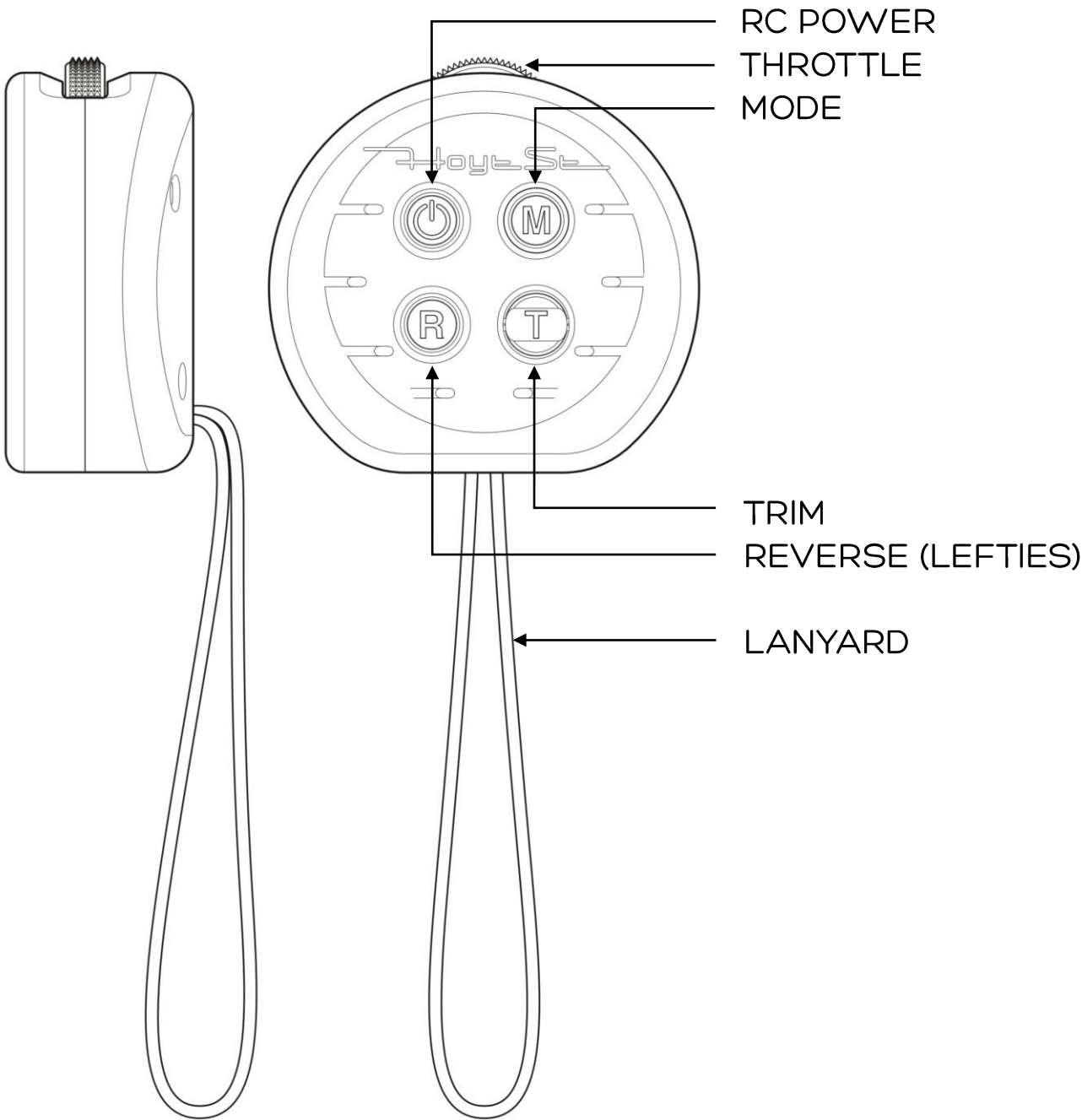
Top speed varies depending on operating mode. Mode 1 top speed is 10 mph, mode 2 is 25 mph and, in optimal conditions, mode 3 will reach 28 mph.

Maximum grade in mode 3 on a full charge is 30% while mode 2 is 25% and mode 1 is 3%. A running start and momentum is required to achieve maximum grade.

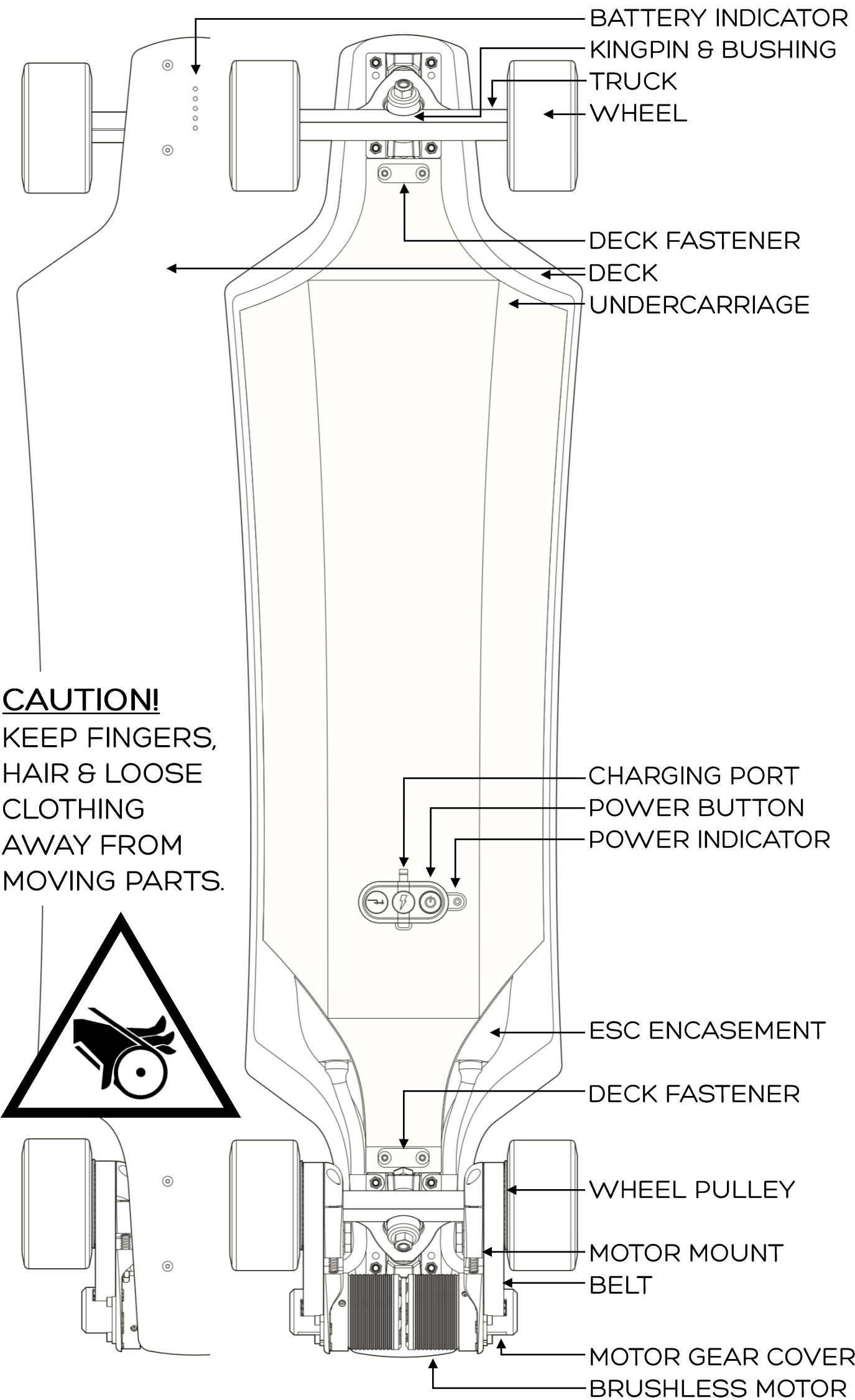
Your Hoyt St skateboard weighs in at 19.5 pounds. The ranges, speeds and grades noted above are assuming a 160 pound rider.

GLOSSARY

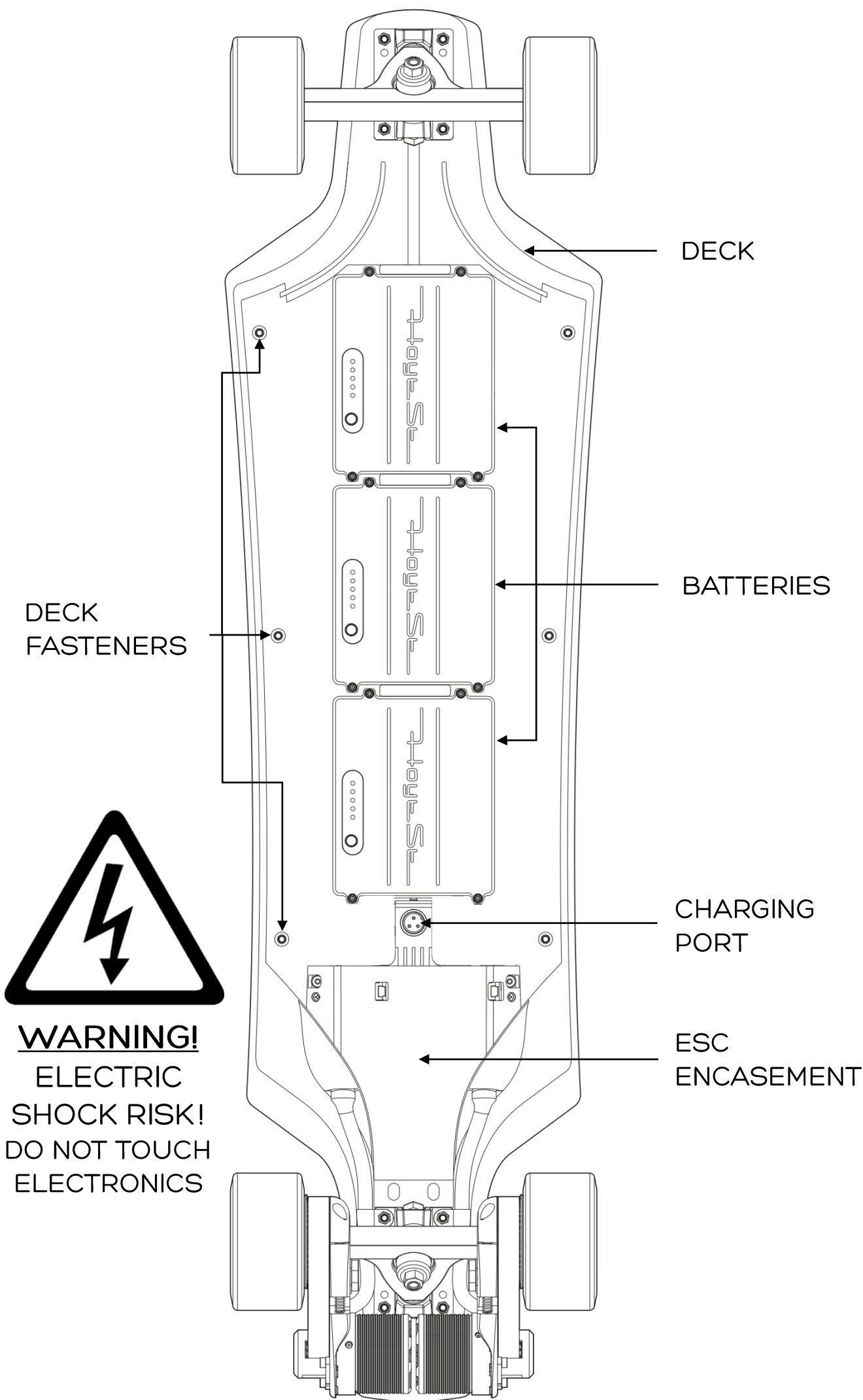
REMOTE CONTROL



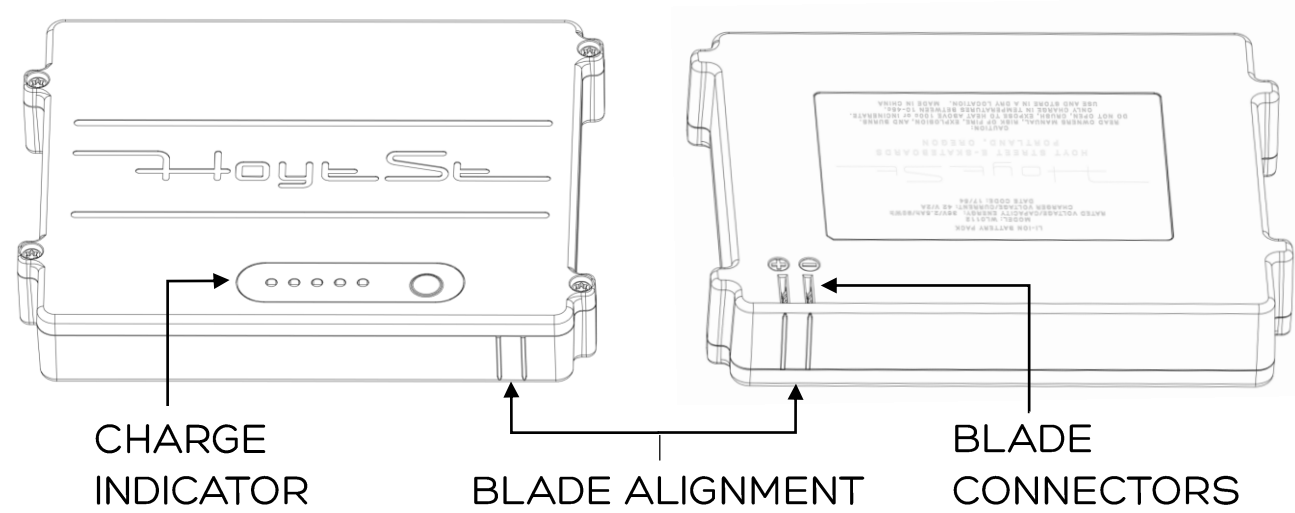
EXTERNAL COMPONENTS



INTERNAL COMPONENTS



BATTERIES



BATTERY REMOVAL AND INSTALLATION

Hoyt St battery packs are connected to the electrical system with blades that slide onto connectors located within the battery pack. **IMPORTANT:** Do not force the blades or this may damage the connectors. Align the blades with the openings in the battery pack and gently push the pack until the blades are fully embedded. If excessive force is required or if the blades can only be partially inserted, the operation was performed incorrectly. Remove, align and reinsert.



CAUTION: Do not touch any exposed electrical components, especially with metallic objects, while the batteries are inserted into the blades connectors. This could short circuit and severely damage the electronics.

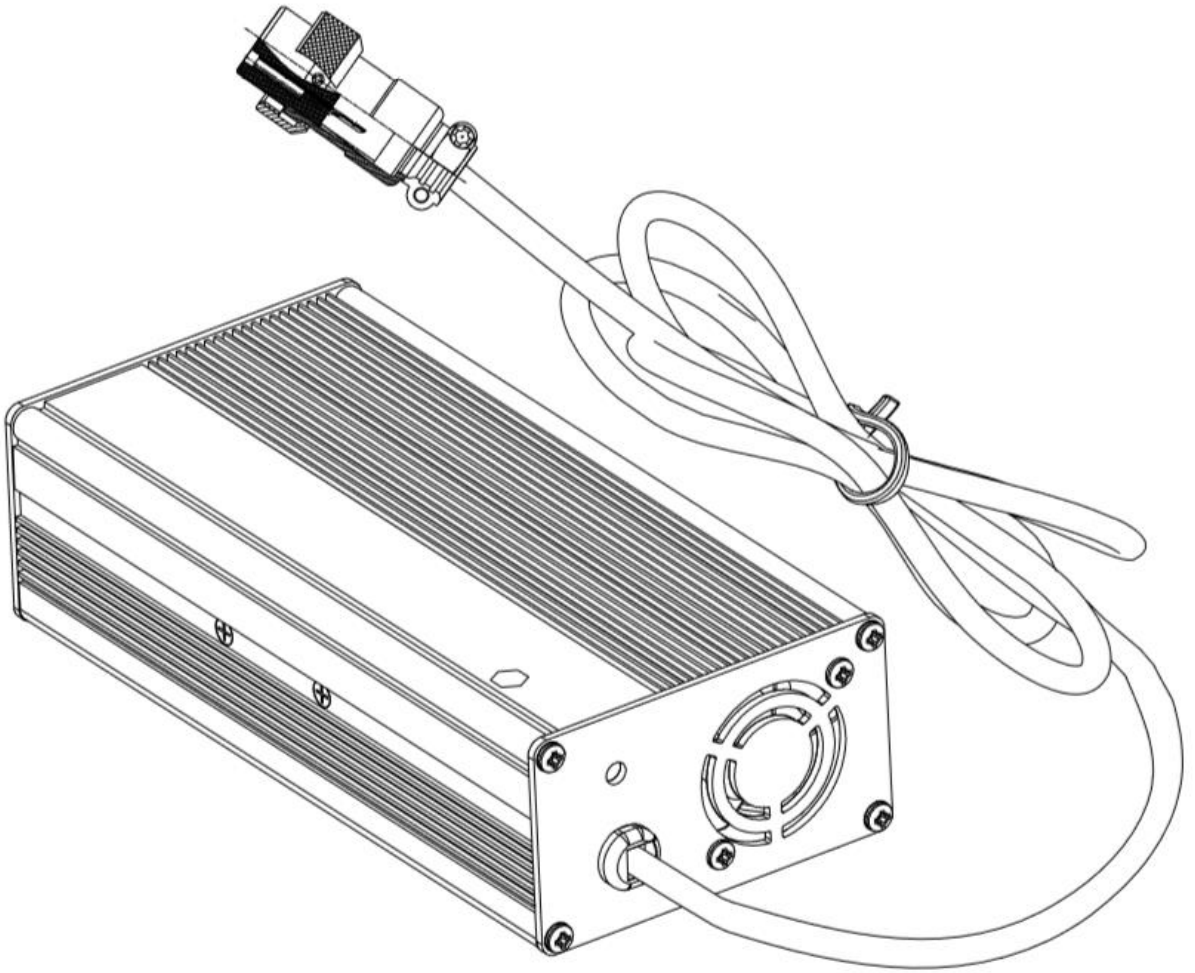
CHECKING INDIVIDUAL PACK CHARGE AND BALANCING

The three battery packs discharge electricity evenly and simultaneously. After several hundred miles of use, check to ensure the packs remain equally charged.

Press the LED meter located directly on the pack. Alternatively, use a multi-meter to check the voltage by placing the two leads on a set of blades while a battery pack is installed.

The three batteries should have equal charge for efficient board performance and range. If they are not equal, fully charge each battery individually (by removing the other two batteries).

CHARGER



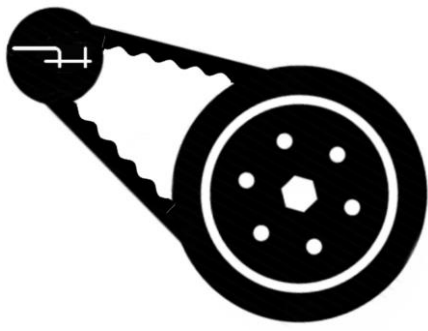
Hoyt St chargers are UL certified and built with the highest level of quality and safety. To charge your Hoyt board, plug in the charger to the port located on the underside of the skateboard's control panel. Lift open the charging hatch and insert the charger. Do not force fit. A red LED will light up while charging and turn green when fully charged. The process requires ~2½ hrs.

TIP 1: The batteries will not be damaged in any way by operating the board after a partial charging session.

TIP 2: The charger is designed to safely charge individual packs as well as two or three packs at a time.

TIP 3: Be wary of quick charge claims by resellers. A charge time of 2½-3hrs for a 270WH lithium ion battery is recommended by industry experts. An accelerated charging session requires a higher current flow to the cells and may shorten battery life.

CAUTION: The majority of lithium ion battery accidents occur during the charging process. Only use Hoyt St's supplied charger. Using a different charger may damage the batteries, shorten their life cycles, or even cause fires.

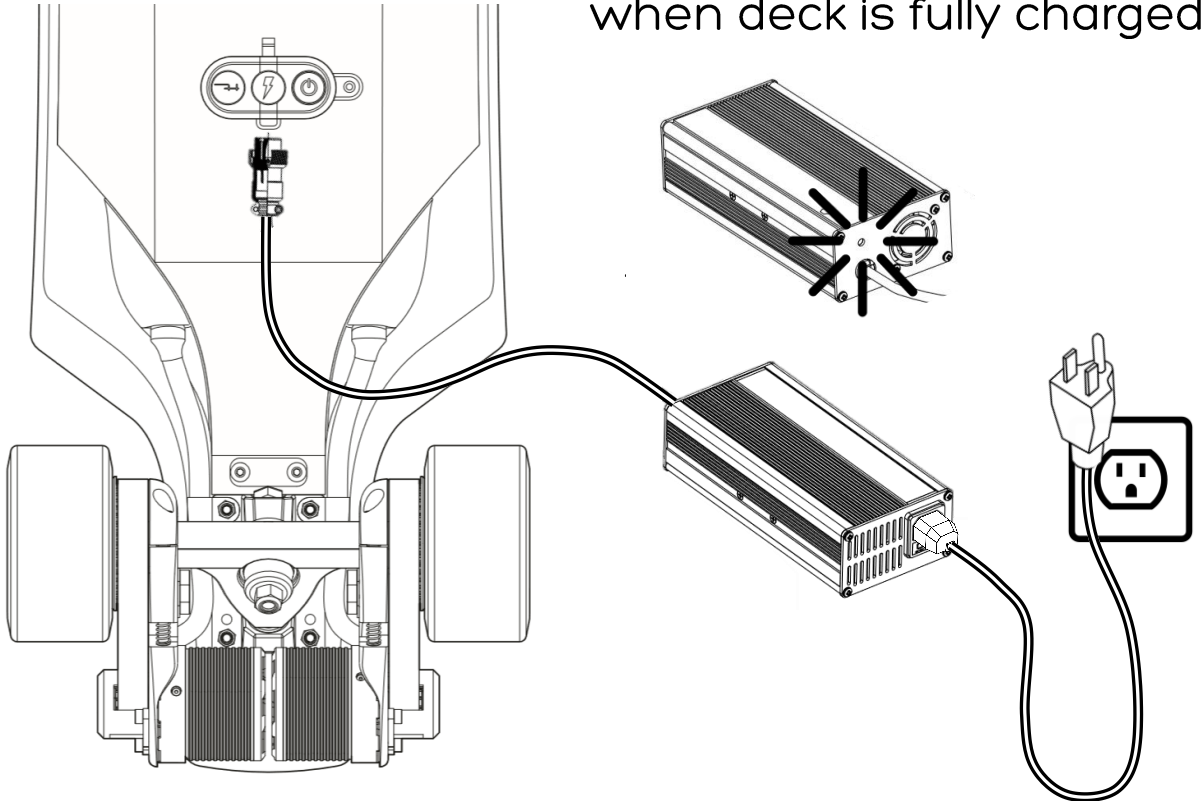


OPERATION GETTING STARTED

CHARGE THE DECK

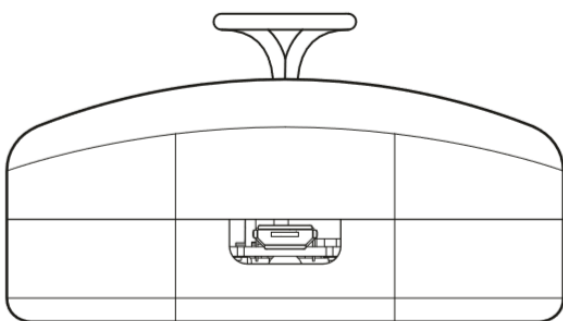
Full charge = 2½ hours

Charger light turns green when deck is fully charged.

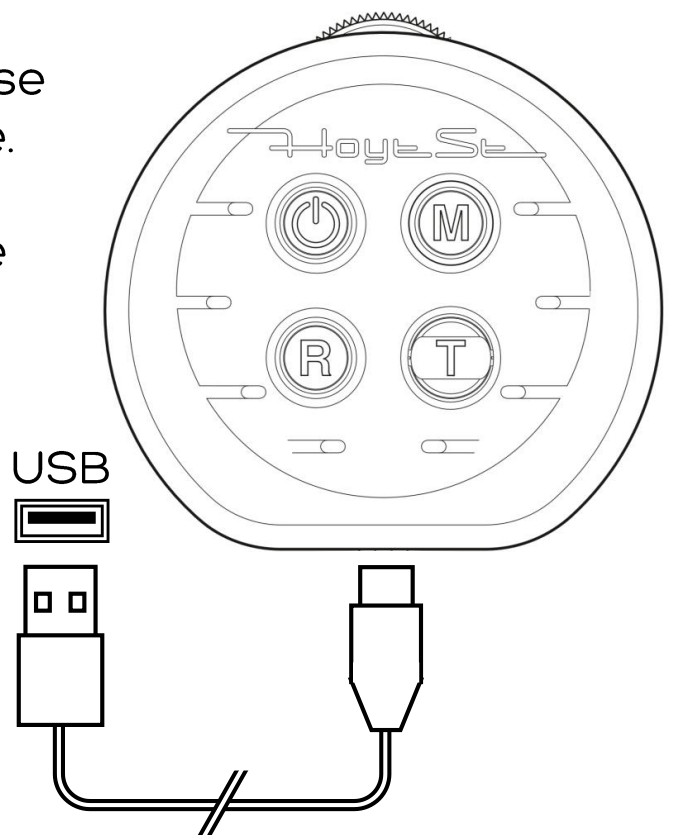


CHARGE THE REMOTE

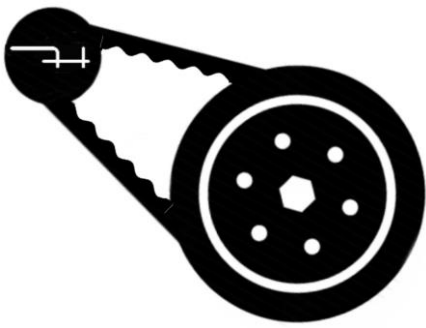
Full charge = 3-6 hours of use with a 30-60 minute charge. LEDs glow green at full charge. Remote will vibrate when depleted to 10%.



BOTTOM VIEW



NOTE: There is no remote battery indicator. Fully charge before each use.



OPERATION LET'S RIDE!

SAFETY FIRST

ALWAYS WEAR A HELMET and consider other protective equipment.



Verify the board is functioning (without rider) in a flat, open area clear of obstructions.

If this is your first ride, we urge you to get a feel for the power and nuance of the board in beginner mode.

Beware of obstacles that may cause control issues: gravel and rocks, cracks and tracks, grates and drains, water and ice, etc.

Remember skateboarding is a dangerous activity, capable of causing serious injury or death. Take necessary precautions to avoid both.

STANCE

Leverage the drop deck and position your body to brace yourself against the forces of acceleration and deceleration.



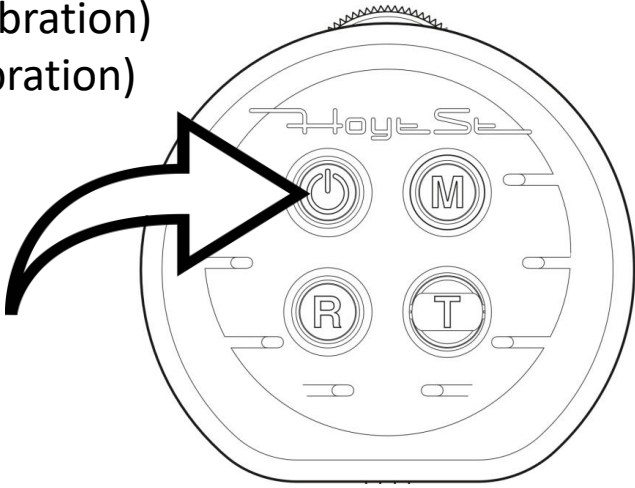
POWER THE REMOTE ON AND OFF

Press and hold the power button until it vibrates.

ON: hold 1½ seconds (short vibration)

OFF: hold 1½ seconds (long vibration)

AUTO-OFF: after 5 minutes
of inactivity.



POWER THE DECK ON AND OFF

ON: instantaneous

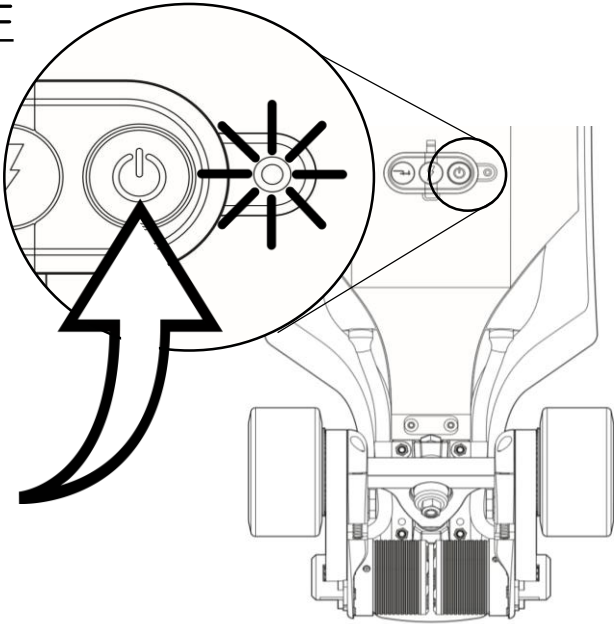
LED light will glow blue.

OFF: hold 1½ seconds

until LED light turns off.

AUTO-OFF: board will turn
off automatically after
5 minutes of inactivity.

SAFETY NOTE: always turn
skateboard off when
remote is off to avoid
wi-fi hijacking.



CHECK REMOTE-DECK PAIRING

Paired:

remote LED lights

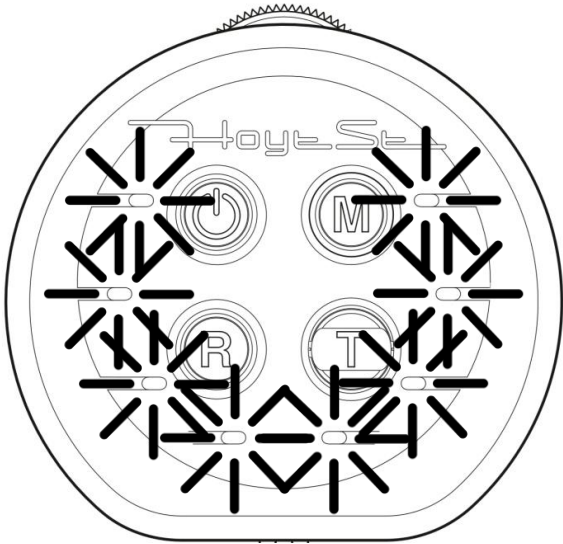
turn white for <1 second

Unpaired:

remote LED lights

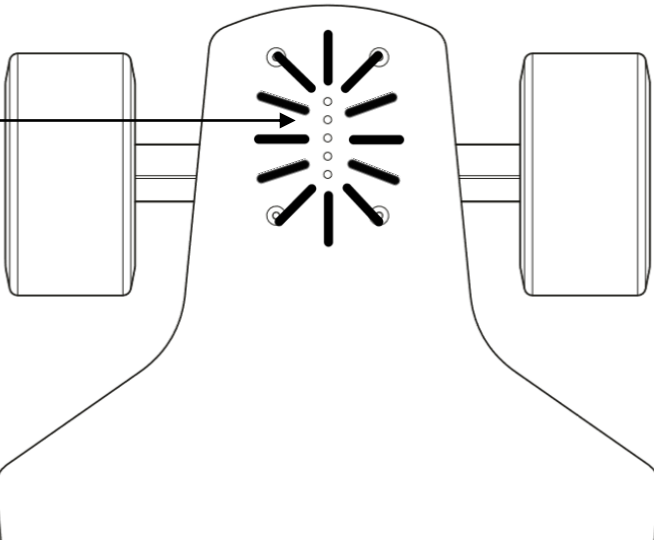
are blinking red.

Reference Maintenance
section for re-pairing.

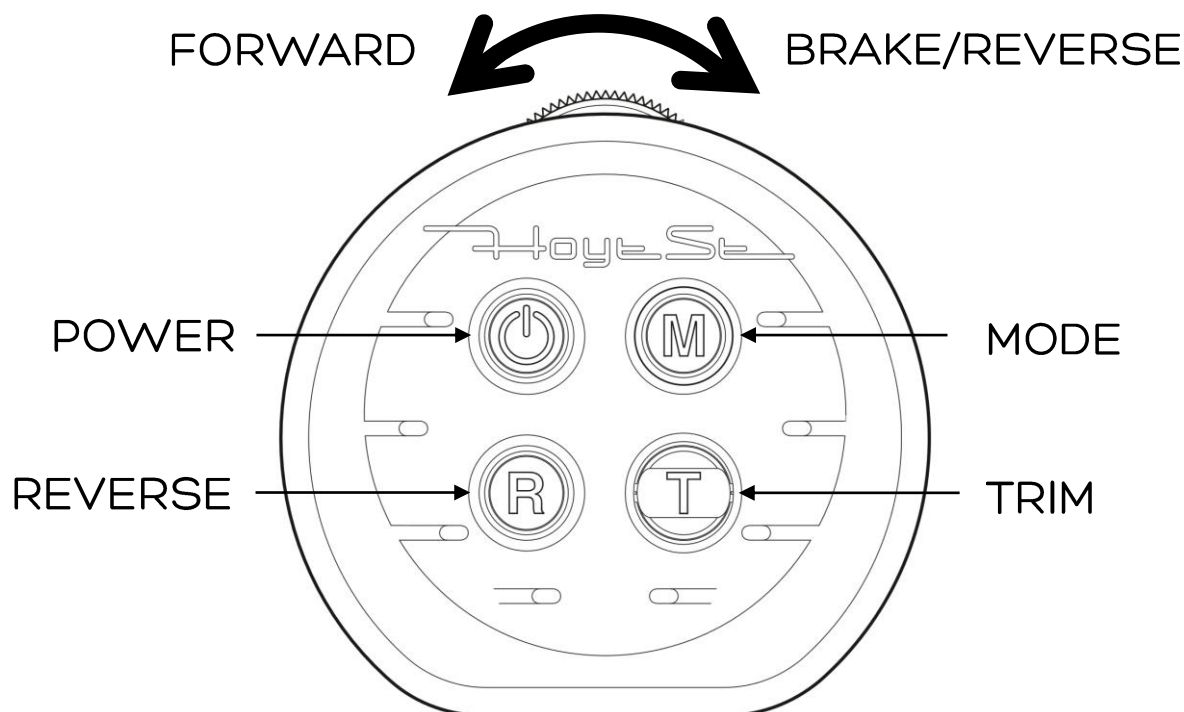


CHECK DECK BATTERY LIFE

LED deck battery
indicator at nose
of deck illuminates
when throttle engaged.



USING THE REMOTE CONTROL



POWER: Powering on and off requires a 1½ second hold. Remote will vibrate at activation. Auto-off activates after 5 minutes of inactivity. Double click to lock/disengage throttle but maintain pairing. Double click again to unlock.

MODE: Hoyt St remote control comes with three modes: Click once to toggle between modes, each mode vibrating (once, twice or thrice) to indicate mode.

Mode 1: Learning on flat ground for beginners.

Mode 2: Moderate acceleration and hill climb. Mode of choice for majority of riders.

Mode 3: Delivers more power on acceleration and steep uphill climbs.

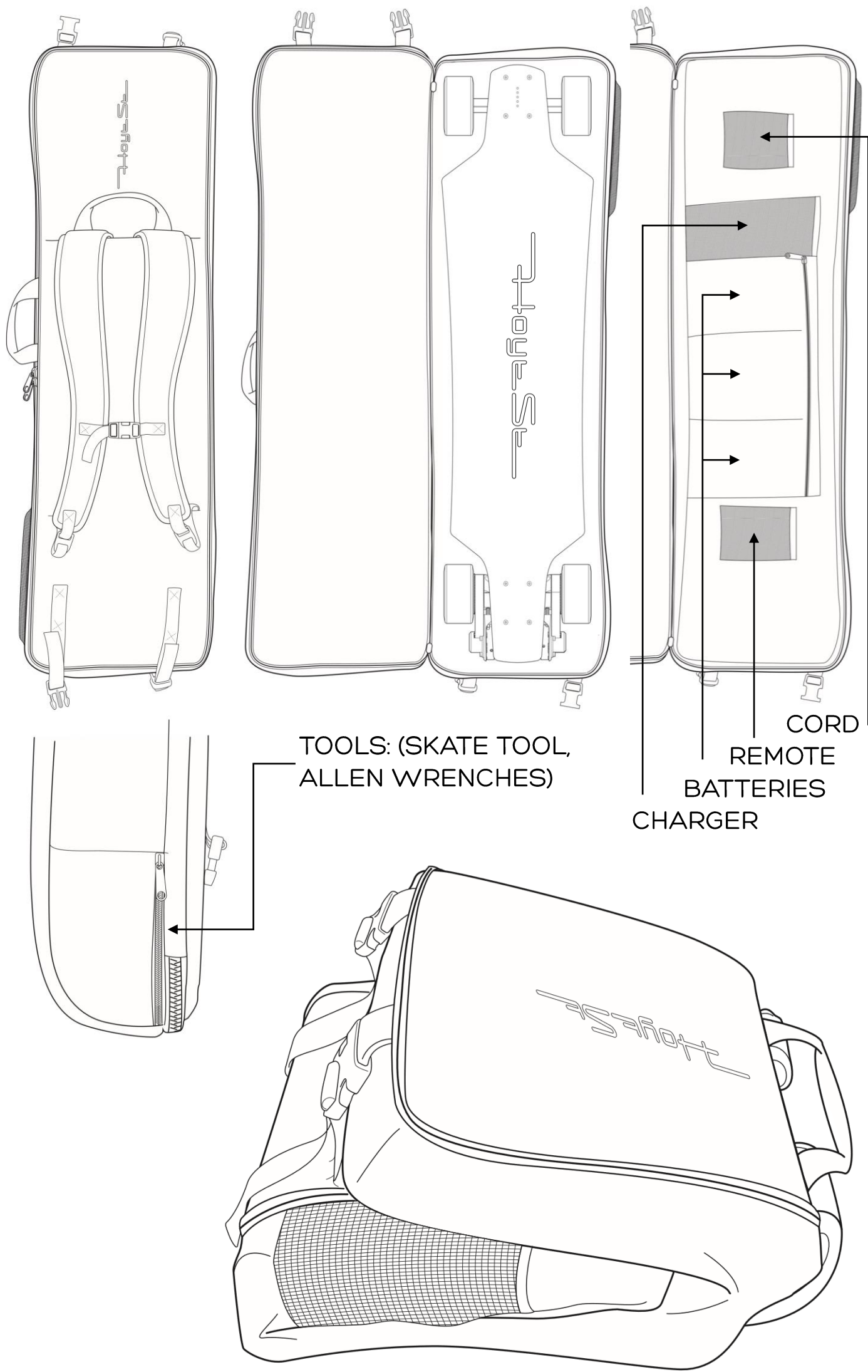
All modes have equal braking characteristics.

Toggling modes while operating the skateboard is enabled when throttle in neutral position.

REVERSE: For left handed remote use. Hold button for 1½ seconds until vibrating beep. Test to validate throttle direction has reversed before riding.

TRIM: Allows the rider to set and adjust the neutral point between accelerating and braking. The trim is set to zero on a new product. If the wheels jitter or rotate on their own, it is most likely that the trim requires adjustment. Toggle the trim button up or down to find the new neutral.

BACKPACK



WITHOUT THE BOARD: Your Hoyt St backpack is designed to fold into a compact standard size pack when riding the board and wearing the pack. Fold the pack just above and below the backpack straps and clip the ends into each other



LIMITED WARRANTY

Your Hoyt St electric skateboard is covered by a 6 month manufacturer's warranty, covering defects in craftsmanship and materials. Not covered is damage as a result of abuse, misuse, neglect, negligence, accident or exposure to water. Modification of components and/or tampering with the electronics voids the warranty. Perishable items like wheels, belts and bearings are excluded from warranty.

If you discover a product defect within 6 months of ship date, contact hoytskate@hoytskate.com for return instructions.

Retain your box for return shipping. Warranty excludes damage from shipping in alternative packaging.



ADDITIONAL ONLINE INFO

Website: www.hoytskate.com

Email: hoytskate@hoytskate.com

Instagram: [hoytskate](https://www.instagram.com/hoytskate)

Facebook: [hoytsk8](https://www.facebook.com/hoytsk8)

Twitter: [@hoytskate](https://twitter.com/hoytskate)

Mail: 922 NW 11th 104, Portland, OR 97209



FLYING WITH YOUR BOARD

COMMERCIAL FLIGHTS, HOW-TO & REGULATIONS

- Lithium Ion batteries are highly regulated by the airlines and the FAA.
- FAA policy is shared by nearly all major US carriers including Alaska, American, Delta, Frontier, Hawaiian and United Airlines.
- Spirit Airlines strictly forbids electric skateboards.
- Most international airlines also comply with FAA standards for lithium ion batteries.
- Perform an online search to verify latest airline policy ("*x airlines lithium ion battery policy*") and carry a printed copy to avoid misunderstandings.
- Hoyt St boards are in compliance with FAA commercial airline regulations.
- Each battery is under the 100WH (watt hour) limit, clearly marked on the back sticker, and may be transported as part of your carry-on.
- Before check-in, remove all battery packs from the skateboard and place them in your carry-on.
- Leave deck and undercarriage unfastened during travel. Notify the airline attendant that you have an electric skateboard in your possession and that the batteries have been completely removed as required by their restricted substance policy.
- **DON'T FORGET YOUR SKATE TOOL AND ALLEN WRENCHES!**
- **TIP:** airlines will often allow the skateboard as a carry-on. Ask for an oversized carry-on label and attach it to the skate bag. At the gate, display the tag for TSA. Otherwise, you will be sent back to the airlines check-in counter.