



ATOM **ELECTRIC**
OWNER'S MANUAL
H16D

**THANK YOU
FOR CHOOSING
ATOM ELECTRIC.**

We have worked hard to make sure your board meets or exceeds your expectations. If for any reason it doesn't, or if you have any suggestions for improvements please let us know.

FOR WARRANTY ISSUES PLEASE CONTACT ATOM DIRECTLY.
DO NOT RETURN TO PLACE OF PURCHASE.

TOLL FREE - 1.877.627.4100
customerservice@mbs.com

@atomlongboards

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WARNING






RIDING THIS BOARD IS A RISKY ACTIVITY THAT MAY CAUSE SERIOUS INJURY OR DEATH. READ AND FOLLOW ALL INSTRUCTIONS IN THIS MANUAL BEFORE RIDING THIS BOARD.

SAFETY GUIDELINES

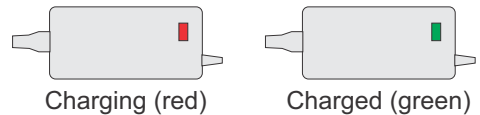
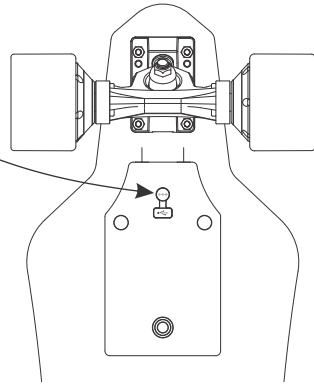
- THE REGENERATIVE BRAKING FEATURE OF THIS BOARD CHARGES THE BATTERY WHEN YOU BRAKE. TO AVOID DAMAGING YOUR BOARD OR POTENTIAL LOSS OF BRAKING POWER DO NOT DESCEND HILLS IMMEDIATELY AFTER CHARGING. RIDE ON FLAT GROUND OR UPHILL BEFORE GOING DOWNHILL.
- TO MAXIMIZE SIGNAL BETWEEN REMOTE CONTROL AND BOARD HOLD REMOTE CONTROL BELOW WAIST LEVEL AND POINT REMOTE DIRECTLY AT BOARD.
- IN THE UNLIKELY EVENT THE SIGNAL BETWEEN YOUR REMOTE AND YOUR BOARD IS LOST, LOWER THE REMOTE CONTROL BELOW WAIST LEVEL, POINT REMOTE DIRECTLY AT BOARD AND APPLY BRAKE. STOP RIDING. REPLACE THE BATTERIES IN THE REMOTE CONTROL THEN TEST IN SAFE FLAT AREA AT LOW SPEED. IF PROBLEM HAPPENS AGAIN STOP RIDING IMMEDIATELY AND CONTACT ATOM FOR FURTHER INSTRUCTIONS. DO NOT RIDE YOUR BOARD AGAIN UNTIL PROBLEM IS RESOLVED.
- ALWAYS WEAR A HELMET AND FLAT SOLED SHOES WHILE RIDING THIS BOARD. WE RECOMMEND WEARING WRIST GUARDS, ELBOW PADS AND KNEE PADS.
- NOT RECOMMENDED FOR CHILDREN UNDER 13. CHILDREN 13 YEARS AND OLDER SHOULD ALWAYS BE SUPERVISED BY AN ADULT WHEN RIDING.
- ASSESS ALL OBSTACLES AND POTENTIAL DANGERS BEFORE RIDING.
- NEVER RIDE WHERE THERE IS VEHICULAR TRAFFIC.
- DO NOT RIDE ON A WET SURFACE.
- NEVER RIDE AT NIGHT OR UNDER POOR VISIBILITY.
- NEVER RIDE UNDER THE INFLUENCE OF ALCOHOL OR DRUGS.
- ALWAYS RIDE IN CONTROL AND WITHIN THE LIMITS OF YOUR OWN ABILITY.
- AVOID RIDING IN AREAS NEAR CELL PHONE TOWERS, RADIO TOWERS, HIGH VOLTAGE POWER LINES, OR OTHER POWERFUL ELECTROMAGNETIC EQUIPMENT.
- THE RULES AND REGULATIONS FOR RIDING ELECTRIC SKATEBOARDS VARY FROM ONE LOCATION TO ANOTHER. LEARN AND OBEY THE LOCAL, STATE, AND FEDERAL RULES AND REGULATIONS WHERE YOU WILL BE RIDING.
- DO NOT DISASSEMBLE MOTOR, BATTERY, OR ANY ELECTRICAL PARTS.
- AVOID HEAVY IMPACTS, WATER, SAND/DIRT AND EXCESSIVE HEAT.

1

CHARGING BATTERY

-  Charge your board fully before riding for the first time.
-  Never charge battery when temperature is below 34F (1C) or above 104F (40C). Ideal charging / operating temperature range is 50 - 75F (10 - 24C).
-  Charge in a safe dry area.
-  Only use the charger provided with your board. Using other chargers will void your warranty, damage your board, and could cause an electrical hazard.
-  Do not leave your board in an uncharged state (less than 30% charge) for more than a few days. Doing so will decrease battery life and may eventually prevent battery from charging.

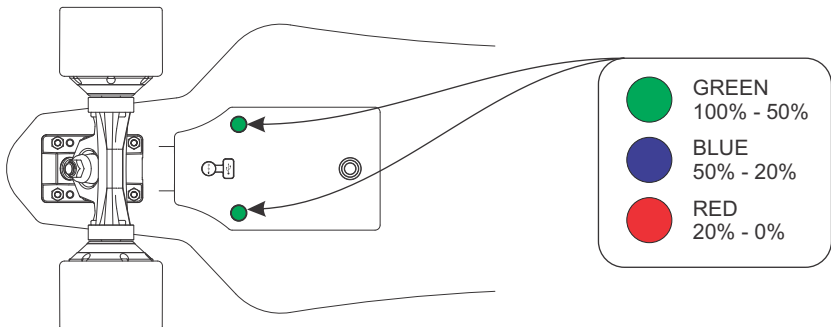
1. Make sure power button on board is OFF before charging!
2. Plug charger into charging port on your board.
3. Plug the other end of the charger into wall outlet.
4. The light on charger will glow “red” while charging, then change to “green” when board is fully charged. When fully charged, disconnect charger from wall, then from board.



2

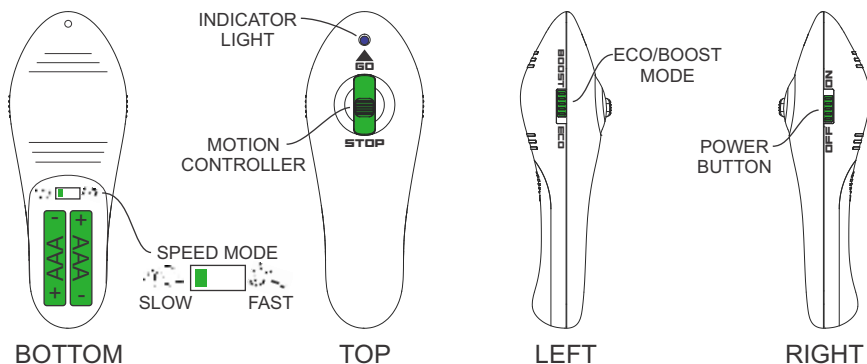
BATTERY INDICATOR LIGHTS

When your board is turned on you can check its battery level by looking at the power indicator on the bottom of your board.



3

REMOTE CONTROL



1. **BATTERIES** - Insert AAA batteries in the space provided. Each time you ride, pay attention to the blue flashing light on the TOP side of the remote. Replace batteries when this light begins to dim.

2. **SPEED MODE** - Remove battery cover to expose SPEED MODE button. Slide it to the left to engage SLOW mode (turtle). When you are comfortable riding in slow mode slide button to the right to try FAST mode (rabbit). Take extra care when you first use fast mode.

3. **ECO/BOOST** - On LEFT side of remote you can choose your acceleration profile. ECO mode offers a slower acceleration profile to help conserve battery. BOOST mode delivers maximum acceleration. Be careful. Bring board to a complete stop before ECO/BOOST mode.

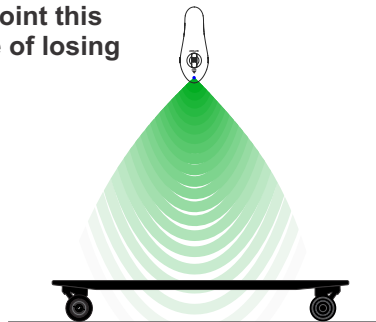
4. **POWER BUTTON** - On RIGHT side of remote slide power button forward to turn remote ON. Blue light on top of remote will flash blue. Don't forget to turn OFF when you are done riding.

5. **MOTION CONTROL: ACCELERATING / BRAKING** - Use your thumb to push the MOTION CONTROL slider forward to go faster. Pull backward to slow down. Return slider to neutral position to coast (no power applied to wheels).

IMPORTANT: The remote's signal emanates from the tip of the remote (near flashing blue light). Point this end directly at your board reduce the chance of losing signal while riding.

Tips:

- Turn remote OFF when you step off board. This will save battery and prevent board from accidentally shooting off into a person or traffic.
- Attach wrist strap to the axle of your board when not riding to avoid losing it.
- Don't let a dead battery ruin your ride. Keep spare AAA batteries on hand.



4

GETTING STARTED

1. After you have studied the instructions and SAFETY GUIDELINES in this manual put on your helmet and pads and get ready to ride.
2. Slide remote control strap onto your wrist then turn board and remote ON. This will wirelessly connect the two causing the light on your board to flicker.
4. Check if board responds to remote by standing board up on end and pushing the motion controller forward to see if wheel spins. If not, make sure the power is ON for both the remote and the board. Note: If wheel still doesn't spin you will need to perform manual pairing process the first time you ride (follow PAIRING / BINDING PROCESS instructions below).
5. Put remote is in SLOW mode (refer previous page) and slide side button to ECO mode (refer previous page). This is the easiest riding mode for learning because it limits both speed AND acceleration. It is also the most energy efficient mode. Only use FAST and/or BOOST mode only after you feel very comfortable riding in SLOW / ECO mode.
6. If it is your first time on a skateboard apply the brake on your remote to steady the board when you step onto it.
7. Shift weight to your front foot before accelerating. Shift weight to your back foot before braking. Don't forget your helmet and pads!

IMPORTANT: Learn to “foot brake” in the event of an emergency.

To foot brake, point your front foot forward and shift all your weight to that foot. Bring your back foot to the side of your board and gradually lower it to the ground by bending your front knee (like a one legged squat). Drag your back foot on the ground. Increase pressure to increase braking.

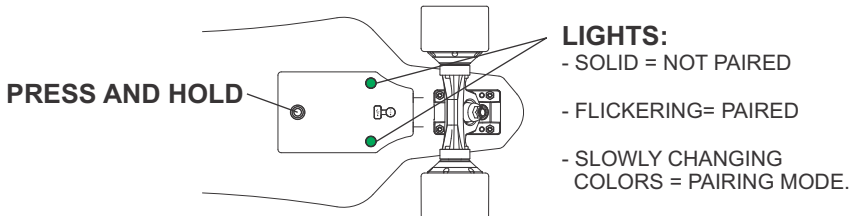
Tips: Keep most of your weight over your front foot. Your body and both feet should be facing forward. Drag the heel of your foot more than the ball to reduce the chance of your foot gripping too suddenly. Practice while standing still first, then just moving slowly.

5

PAIRING / BINDING PROCESS

If your remote is not connecting to your board (i.e. no flickering light on board), or you need to connect a new remote to your board, do the following:

1. Turn remote and board OFF.
2. Set SPEED MODE on remote to SLOW.
3. Slide ECO/BOOST button on left side of remote backward to ECO position.
4. Press and HOLD power button on board for approx 5 seconds. When done correctly lights on board will slowly change colors (green, blue, red) to indicate you are in pairing mode.



7. On remote, pull motion controller all the way back to BRAKE position and hold there while simultaneously turning remote power ON.
8. Within ten seconds the light(s) on your board should start flickering to indicate you have successfully paired your board with your remote.

PROBLEM	POSSIBLE CAUSE	POSSIBLE SOLUTION
My board is not charging. The light on my charger does not come on.	Charger cord is not properly plugged into wall, charger, or board.	Check that power cord is well connected at wall outlet, charger, and board. All should be pushed in fully. Check that wall outlet is turned on.
I pressed the power button on my board. The power light does not blink at all (no lights on board).	Battery in board is depleted.	Charge board.
I pressed the power button on my board. The board's power light remains solid. Board won't respond to remote.	1. Remote is not turned on.	Slide power button on the right side of remote control forward to "ON" position.
	2. Remote is turned on but remote control battery is dead.	Check that the indicator light on your remote control is blinking (approx 1 flash every 3 seconds). If not, or if light is very dim replace batteries in remote control.
	3. Remote control is turned on and its indicator light is blinking, but remote has not been correctly paired with board.	Pair your remote with your board by following the steps in the remote control section of this manual for "BINDING PROCESS".
I pressed the power button on my board. The power light is a steady white color. My board won't respond to remote.	Something is wrong with the electrical system of your board.	DO NOT open battery case to investigate! Contact Atom Electric customer service department for help.
My board didn't respond to my remote temporarily while riding.	Signal loss between board and remote.	Stop riding. Check that the indicator light on your remote control is blinking brightly (approx 1 strong flash every 3 seconds). If light is dim or not blinking at all replace batteries in remote control and test again in a safe and flat area at low speed. If the problem happens again stop riding and contact Atom Electric for further instructions.
		TIP: Remember to hold remote at or below waist level at all times. One of the worst places to hold your remote is on top of your head.
		TIP: Avoid riding in areas with nearby cell phone towers, radio towers, high voltage power lines, or other electromagnetic equipment.
Ride time / range is less than I expected.	Ride time / range varies depending on rider weight, the steepness of the terrain, how aggressively you accelerate, and your top speed. Make sure you are in ECO mode (if available).	1. Try accelerating more gradually (i.e. take more time to reach cruising speed), and decrease cruising speed. 2. A lot of power is used when starting from a stand-still. If you feel comfortable doing so, start by pushing off with your foot to conserve power / extend range. 3. Remember to turn off your board and remote control as soon as you're done riding.
Ride time / range is less than when I first got my board.	The capacity of your battery (the amount of power it holds) decreases gradually over time. After approximately 500 charge cycles, your battery will have lost approximately 20% of its capacity.	Consider replacing battery when ride time / range is too low for your needs. Contact Atom Electric customer service department for help.
My board feels unstable or wobbles at high speeds	Your trucks' kingpins are too loose for your weight.	Increase the resistance of your bushings by tightening your kingpin nuts on both trucks (turn nut clockwise).
My board is too difficult to turn. I want to turn sharper.	Your trucks' kingpins are too tight for your weight.	Decrease the resistance of your bushings by loosening your kingpin nuts (turn nut counter-clockwise). Never loosen nut past the point where the kingpin threads are flush with the top of the nut.
I love riding my board but I'm getting a little bored.	Are you riding alone?	Persuade some friends to buy Atom Electric boards. The more people you ride with, the more fun you'll have. Share your riding experiences online.
I've had my board for a long time (at least a year or two). Now my battery won't hold a charge at all.	Your battery's life has ended.	Consider replacing battery. Contact Atom Electric customer service department for help.
My wheels are wearing down.	You've been riding. Good on ya!	Contact your Atom Electric dealer to purchase replacements.
My bearings are noisy.		
My truck bushings are not as responsive as they once were.		

WARRANTY

Atom Electric Consumer Warranty Policy:

Atom Electric warrants products against defects in workmanship and/or materials to the original retail purchaser for a period of six (6) months from the original date of retail purchase. A copy of receipt from authorized Atom dealer must be submitted with any warranty claim.

Warranty is limited to manufacturer's defects in workmanship or materials. The warranty is void if the product is damaged due to any of the following:

- accident or impact;
- misuse or abuse;
- normal wear and tear;
- exposure to water;
- battery left discharged for extended period of time;
- battery charged with charger other than one provided with board;
- modifications to the product;
- improper assembly or repairs;
- use in competition;
- commercial use.

Warranty claims can be filed directly atom via www.atomlongboards.com.

EXCLUSIVITY:

WARRANTIES SET FORTH IN THIS PROVISION ARE EXCLUSIVE AND IN LIEU OF ALL WARRANTIES EXPRESSED OR IMPLIED, INCLUDING WARRANTIES ARISING FROM COURSE OF DEALING OR USING OR TRADE. ATOM MAKES NO WARRANTY EXPRESSED OR IMPLIED, OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE.

PRODUCT SUBSTITUTIONS:

ATOM RESERVES THE RIGHT TO UPDATE MODEL DESIGNS, OR SUBSTITUTE MODELS WITH GRAPHIC AND/OR COLOR CHANGES. PRODUCT REPLACEMENTS ARE SUBJECT TO ITEM AVAILABILITY. IF AN EXACT REPLACEMENT IS NOT AVAILABLE, REPLACEMENT WILL BE MADE WITH A COMPARABLE ITEM OF EQUAL OR GREATER VALUE.

LIMITATION OF LIABILITY:

SELLER SHALL NOT BE LIABLE IN CONTRACT, IN TORT (INCLUDING NEGLIGENCE), OR OTHERWISE FOR DAMAGE OR LOSS OF OTHER PROPERTY, LOSS OF PROFITS OR REVENUE, LOSS OF USE OF PROPERTY OR EQUIPMENT, CLAIMS OF CUSTOMERS OF THE BUYER, OR FOR ANY SPECIAL, INDIRECT, INCIDENTAL, OR CONSEQUENTIAL DAMAGES WHATSOEVER. UNDER NO CIRCUMSTANCES SHALL SELLER'S LIABILITY EXCEED THE PURCHASE PRICE OF THE GOODS IN RESPECT OF WHICH DAMAGES ARE CLAIMED. THE OBLIGATION OF ATOM LONGBOARDS AND BUYERS SOLE REMEDY UNDER ITS LIMITED WARRANTY IS THE SUPPLY OF A REPLACEMENT FROM REGULAR PRODUCT INVENTORY LINES. ATOM SHALL NOT BE LIABLE FOR ANY OTHER COSTS INCURRED NOR SHALL ATOM BE LIABLE FOR ANY SPECIAL, INDIRECT, INCIDENTAL OR CONSEQUENTIAL DAMAGES.



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