



ATOM **ELECTRIC**
OWNER'S MANUAL
B-SERIES

**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

www.atomlongboards.com

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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. NEVER RAISE REMOTE CONTROL ABOVE HEAD LEVEL WHILE RIDING.
- 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, THEN TRY BRAKING. REPEAT UNTIL SIGNAL IS REGAINED AND BOARD CAN BE STOPPED. STOP RIDING. CHARGE 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.
- 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.
- 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.
- DO NOT DISASSEMBLE MOTOR, BATTERY, OR ANY ELECTRICAL PARTS.
- AVOID HEAVY IMPACTS, WATER, SAND/DIRT AND EXTREME TEMPERATURES.

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CHARGING BOARD

WARNING

- ⚠ 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.

CHARGING PROCEDURE

1. Make sure board is powered OFF before charging. Power is OFF when the red LED light on the board is not lit.
2. Plug charger into charging port on your board (on side of battery box - near rear truck).
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.



Charging (red)



Charged (green)

REMOTE CONTROL

Familiarize yourself with the remote control.

RED BUTTON (multi-function)

POWER ON/OFF

Press and hold for two seconds to turn power ON or OFF.

POWER-CHOICE MODE

Once remote is turned on it automatically enters power-choice mode. In this mode each press of the red button will toggle between the power settings (low vs. high).

*Moving the motion controller for the first time puts you in motor-direction mode (see below). To re-enter speed-choice mode restart remote.

*MOTOR-DIRECTION MODE

In this mode each press of the red button change the motor direction (forward vs. reverse). Remote will remain in this mode until power is turned off.

⚠ WARNING

Never press red button while riding. Bring board to a complete stand-still before pressing red button to change motor direction.

SPEED MODE LIGHTS

A solid LED light in this area indicates which speed mode is active.

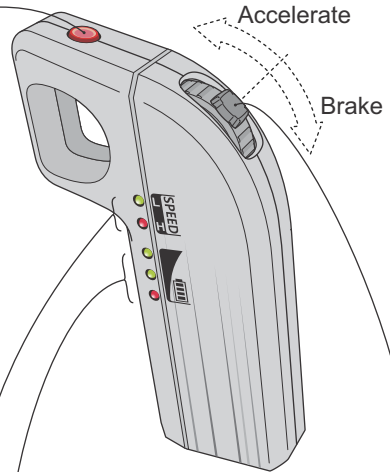
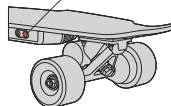
A flashing LED light in this area indicates no connection between board and remote. Check that board power is on. If so, turn off board AND remote for a few seconds then turn on again. If this LED is still flashing follow PAIRING PROCESS below.

PAIRING PROCESS

Turn board and remote OFF.

Simultaneously press and hold the power buttons on the board and remote until you hear 3 beeps (2 short then a long one a few seconds later).

One of the speed mode lights should now be solid to indicate successful pairing. If flashing repeat first two steps until successful.





MOTION CONTROLLER


Push forward to accelerate.
Pull backward to brake.


BATTERY LIGHTS

Note: With one exception (see below*) the battery lights on the remote refer to the charge status of the **BOARD**.

THREE SOLID LIGHTS 
BOARD is full charge

TWO SOLID LIGHTS 
BOARD is mid charge

ONE SOLID LIGHT 
BOARD is low charge

ONE LIGHT FLASHING FAST 
BOARD is very low charge (Charge immediately!)

Note: if power light on board also starts to flash your battery is dangerously low. At this point you can no longer use your remote to accelerate but you can still use your it to brake. Stop riding. Charge board fully before riding again.

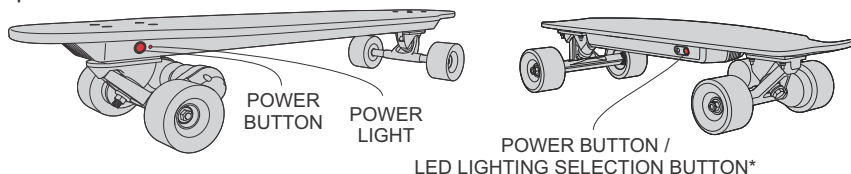
*ONE LIGHT FLASHING SLOW 
REMOTE CONTROL battery is low. Charge via USB.

*Note: All other signals refer to board battery.

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GETTING STARTED

1. After studying the instructions and SAFETY GUIDELINES in this manual put on your helmet and pads and get ready to ride.
2. Turn your board ON by pressing and holding the power button for 2 seconds until the power light glows solid red. Wait 5 seconds to give the board's micro computer time to boot.



3. Turn remote ON by holding its red button down for 2 seconds. When board and remote are connected one of the “speed mode” lights on your remote will be a solid color. Wheels should now spin when motion controller is pushed forward. If not, you might need to pair your remote and board together the first time you ride (refer instructions below).
4. For models with LED lighting* each press of the power button (short press, not press and hold) switches to a new LED color scheme.
5. Beginners should only ride in LOW speed mode (refer previous page). Only use HIGH speed mode after you feel very comfortable in LOW speed mode.
6. Beginners should apply brake before standing on board. Don't forget your helmet and pads!
7. When you are ready to go, slide the motion controller forward to start your adventure. Remember to shift your weight to your front foot before accelerating. Return motion controller to neutral position to coast.
8. Practice braking while going slow to get the feel for it. Shift weight to your back foot before braking.

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.

Gradually lower your back foot to the ground on the side of your board. Do this by bending your front knee (like a one legged squat), not by leaning over onto your ground foot.

Drag your back foot on the ground. Increase pressure to increase braking.

Tips:

- Keep most weight over your front foot the whole time.
- Your body and both feet should face forward while braking.
- Apply pressure to the heel of your dragging foot more than the ball of it. This will reduce the chance of your foot suddenly gripping the ground.
- Practice the motion standing still first.
- When done correctly you should feel it in the thigh muscle of your front leg.

MAINTENANCE / TROUBLESHOOTING

MAINTENANCE			
	FREQUENCY	ACTION	DETAILS
MAINTENANCE	Before and After Every Ride	Check drive belt(s) for wear.	Immediately replace belts that show signs of damage or excessive wear. Look for any cracks, frayed fibers, or other irregularities. Inspect through two manual rotations.
		Check all hardware is securely tightened.	Tighten hardware such as wheel nuts, truck screws, and battery box screws as needed.
		Check toher parts such as wheels and grip tape for excessive wear.	Purchase replacements from www.atomlongboards.com or your local dealer.
	Every 250 miles (400km) or every 6 months, whichever comes first.	Replace belts.	Replace regardless of condition. For an average rider in a region that uses daylight savings time you can remember to change belts when you change your clock.
When battery capacity is no longer acceptable.	Replace battery.	Lithium batteries lose capacity over time (approx 20% loss after 500 charging cycles). Contact Atom longboard customer service for replacement options.	
TROUBLESHOOTING			
	PROBLEM	POSSIBLE CAUSE	POSSIBLE SOLUTION
POWER / CHARGING	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 come on (no lights on board).	Battery in board is depleted.	Charge board.
	I pressed the power button on my board and on my remote but my board won't respond to remote. The board's power light glows red, but one of the "speed mode" lights on the remote is blinking.	Board might not have booted up correctly. Remote has not been correctly paired with board.	Turn off board and remote. Wait 5 seconds, then try again. Pair your remote with your board by following the steps in "PAIRING REMOTE WITH BOARD" section of this manual.
	I pressed the power button on my board. The power light is flashing red. Board won't accelerate.	Your board's battery is extremely low.	Fully charge your board as soon as possible.
RIDING	I stopped riding for a few minutes. When I jumped back on my board it wouldn't work.	To save battery your board will automatically turn itself off after a few minutes.	Turn board on again by pressing and holding power button for a few seconds.
	My board temporarily didn't respond to my remote while I was riding.	Signal loss between board and remote.	Stop riding. Check if the battery warning light (the very bottom LED) is flashing. If flashing slowly, charge remote control. If flashing fast, charge board. Once charged, test again in a safe and flat area at low speed. 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.	Range varies depending on rider weight, riding surface, hills, wind, clothing, and most importantly riding habits. To achieve maximum range try some of these tips:	1. Try accelerating more gradually, and decrease cruising speed. Coast when possible. The slower you go the further you'll go. 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. To get the most out of your regenerative braking try to brake lightly. Hard braking loses more energy to heat.
	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 500 charge cycles, your battery will have lost approximately 20% of it's 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.

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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