



Powered Personal Transportation
Electric Power Board



Product Handbook

**FOR THE BLADEZ XTR Street II
ELECTRIC POWER BOARD**

Model: PB-SM1816

**PLEASE BE SAFE WHEN RIDING . . .
ALWAYS WEAR A HELMET AND OBEY ALL LAWS!**





IMPORTANT



BATTERY MAINTENANCE and CHARGING INSTRUCTIONS:

1. You **MUST** Charge completely prior to initial use. (Follow charging instructions in your Product Handbook).
2. Charge immediately after every use.
3. Charge before storage – min. of every 30 days if not in use.
4. Charge the unit for 4-6 hours after the light on the charger turns green.
5. **DO NOT** allow your unit to Deep Discharge.
6. For safety purposes, **DO NOT** charge for over 24 hours.
7. Turn the unit **OFF** when not in use.

**Failure to follow proper CHARGING INSTRUCTIONS will
VOID YOUR WARRANTY!**

**This PRODUCT IS NOT INTENDED FOR EXTREME or
OFF-ROAD Use! Please take care of your POWERBOARD!**

DO NOT JUMP or ABUSE THIS PRODUCT!

DO NOT RIDE IN WET CONDITIONS!

**Failure to follow these instruction and abuse will
VOID YOUR WARRANTY!**

If you have any questions, please contact Bladez customer service
(866) 325-2339 or visit us on the web at www.ebladez.com

IMPORTANT

PLEASE READ THIS BEFORE USING THIS PRODUCT

READ THIS FIRST!

WARNING

This product does not conform to Federal Motor Vehicle Standards and is not intended for operation on public streets, roads or highways. Serious injury can result from the unsafe operations of this product. Operator can minimize these risks by using certain safety equipment such as: safety helmet, goggles, gloves, elbow and kneepads and appropriate footwear.

DO NOT operate this product in traffic, on wet, frozen oily or unpaved surfaces or under the influence of drugs and/or alcohol. Avoid uneven surfaces, potholes, surface cracks and obstacles.

DO NOT use a water hose to clean this product. See Product Handbook for more information.

This product is recommended for riders 16 YEARS OF AGE and older.

SAFETY

- This product should not be used by persons without excellent vision, balance, coordination, reflex, muscle and bone strength and good decision-making capabilities.
- This product should not be used by minors without adult supervision.
- This product should not be used by persons unwilling or unable to take responsibility for their own actions.
- The user of this product assumes ALL risks associated with its use. To minimize these RISKS, the user must wear safety helmet, goggles, gloves, elbow and knee pads and appropriate footwear.
- This product is ELECTRIC! DO NOT Ride this product in wet conditions, puddles or rainy weather.

**DO NOT TAKE YOUR
BLADEZ POWERBOARD BACK
TO THE STORE!
CONTACT US FIRST**

IF YOU HAVE ANY QUESTIONS OR NEED
ASSISTANCE,
PLEASE CALL BLADEZ, TOLL FREE AT:

(866) EBLADEZ
(866) 325-2339

MONDAY thru FRIDAY, 8am to 5pm PST
or visit us on the web at:

www.ebladez.com

NETWORK OF BLADEZ AND TANAKA SERVICING DEALERS

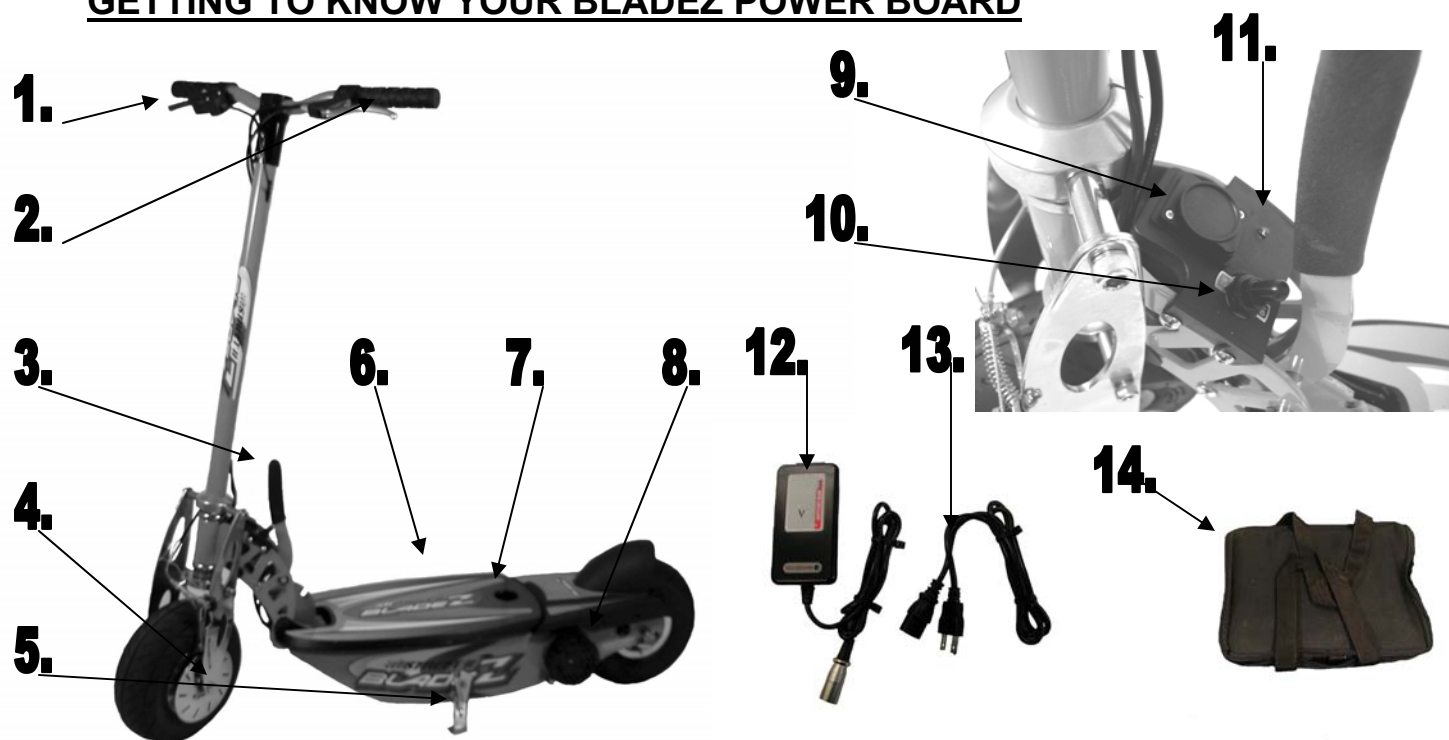


FOR ALL YOUR POWERBOARD NEEDS

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GETTING TO KNOW YOUR BLADEZ POWER BOARD



Before operating your BLADEZ Power Board, please get acquainted with all of the features:

- | | |
|---------------------------------------|--------------------------------------|
| 1. Accelerator Lever (Variable Speed) | 8. 450W Electric Motor |
| 2. Brake Lever | 9. Power Panel Charger Plug |
| 3. Folding Handle | 10. Power Panel On/Off Switch |
| 4. Disc Brake | 11. Multi-Function LED |
| 5. Kick Stand | 12. AC Charger |
| 6. Quick Release Deck | 13. Charger Cord |
| 7. Integrated Seat Base | 14. 24V, 12AH Batteries in Nylon Bag |

GETTING STARTED

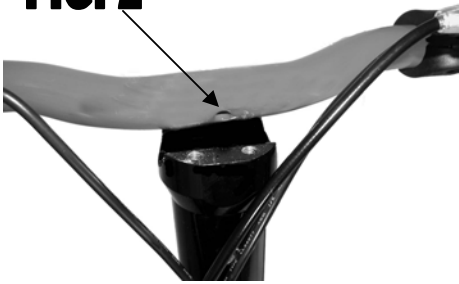
Install handle bar

FIG. 1



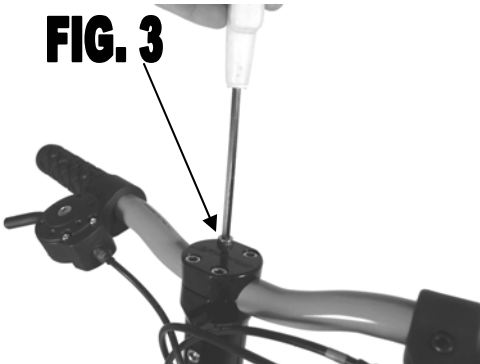
Before using your XTR-Street II, loosen the 4 bolts from the Billet Aluminum Stem with the Allen Wrench provided, and then remove the stem from the cap as shown in (Fig. 1)

FIG. 2



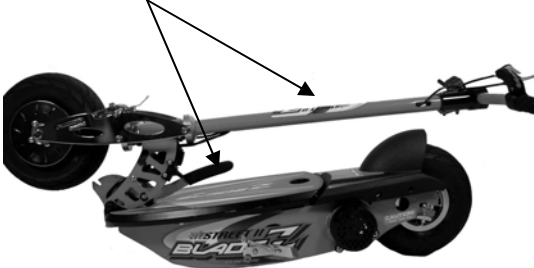
Place handle bar onto the Billet cap with the hole facing down towards the threaded bolt as shown with arrow in (FIG. 2)

FIG. 3



Place the Billet Stem on top of the handle bar and the cap and tighten the bolts to secure the handle bar onto the cap as shown in (Fig. 3)

FIG. 4



Unfolding Instruction

1. To unfold the XTR-Street II, begin by pressing down on the FOLDING HANDLE with one hand (Fig. 4), while gently pulling up on the handlebar with the other hand.

FIG. 5



2. Fully extend the handlebars to their upright position until you feel the mechanism lock into place (Fig. 5).

QUICK RELEASE DECK



The XTR-Street II comes equipped with a quick release deck which gives you better access to the batteries and the pc board. To open your quick release deck, simply pull up from the rear of the deck. (Fig. 6) The deck will release itself and it will fold up towards the handlebars.

INTERGRADED SEAT BASE

The XTR-Street II comes with a seat base built in to the scooter. Having this base built in to the scooter will make it easy to install and uninstall the optional seat assembly quickly and easy.

To install the seat, remove the pin from the side of the scooter. (Fig. 7) Then place the seat post into the base on the deck. (Fig. 8) Replace the pin in the side of the scooter to secure the post. Place the seat on the seat post and adjust to your preference and tighten the nut on the underside of the seat.



Charging

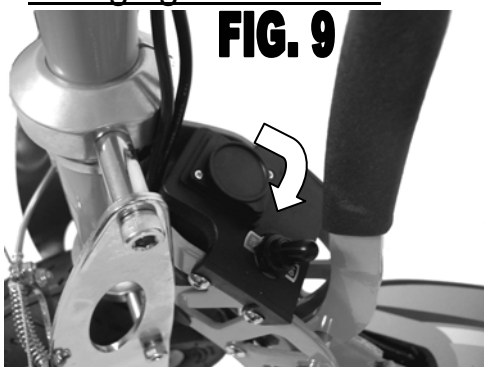
Your XTR-Street II should come charged out of the box. Bladez still recommends charging the unit for 6-8 hours prior to first use! Bladez also recommends charging your XTR-Street II after every use and prior to storage.

Warning: DO NOT allow your Powerboard to go into deep discharge! – This will damage the batteries.

BATTERIES

The batteries on the XTR-Street II come stored in a bag and are removable. This also gives you the option to buy a second set of batteries which you can swap when one set of batteries starts to run low. For more information about hot swap batteries inquire us on the web at www.ebladez.com or call us toll free at (866) ebladez.

Charging Instructions



Charging

1. Make sure the unit is turned OFF.
2. Open the charging plug by rotating the safety cover clockwise as shown by arrow in (Fig. 9)
3. Locate the AC CHARGER and plug it into wall. Insert the charger (the end with the prongs inside of it) into the charging plug.

4. A red light (Charging Status Light) will come on the charger indicating that charging is in process. (Fig. 10)
5. The Charging Status Light will go from red, to yellow, then to green during the charge process.
6. Remove charger and close the safety cap.
7. You are now ready to ride the XTR-Street II.

Note: If the light turns green right away, this is because the unit was charged at the factory. Please continue charging for 6-8 hours prior to initial use.

FIG. 10



PERCENT	COLOR
75%-100%	GREEN
30%-75%	YELLOW
0%-30%	RED

MULTI-FUNCTION LED

The XTR-Street II comes equipped with a multi-function LED that indicates charge status while riding. When the scooter is powered on and has a full charge (over 23V) the LED light will be green. While riding the LED light will turn to yellow to indicate mid-charge (21.5V and 23V). When the LED light turns red (under 21.5V) it is time to charge your scooter. If the LED light starts to blink red (under 19V) the scooter has gone into deep discharge and it is recommended that you do not ride your scooter until you recharge completely, as it may damage the batteries.

The LED also has other function to help you troubleshoot some problems.

- If you have the throttle lever depressed and you try to turn on the scooter the led will blink red. This is to keep the scooter from running away when you are not ready.
- The red led will also blink if there is a problem with your PC board.
- If there is a problem in the motor the led will blink yellow. If the motor temperature reaches 221° F the scooter will shut off and the led light will blink green. If that happens let the motor cool before attempting to ride again.

VOLTS	PERCENT	COLOR
21.5V-23V	60%	Green
19V-21.5V	30%	Yellow
<-19V	10%	Red

RIDING

Before going for a joy ride, make sure that all of the bolts and screws are tightened. Put switch to the ON position, green light will come on indicating the unit is turned on with full charge. (Fig. 11)



NOTE: If the unit is at the ON position for over 10-15 minutes without moving, Smart Power will shut the unit OFF. To reset, turn the unit OFF, wait a few seconds and then switch it back ON again.

Put one foot on the deck of the XTR-Street II. While pushing off with the other foot, gently squeeze the ACCELERATOR LEVER, on the right side of the handlebars. The XTR-Street II will begin to move on its own power.

Your XTR-Street II comes with a variable speed throttle. You can control your speed by the amount of pressure you use to depress the throttle cable. The more you depress the throttle lever the faster you will go.

To stop, release the accelerator handle and depress the BRAKE LEVER (on the left side of the handlebars). Depressing the brake will disengage power to the motor. When the unit feels like it is losing power, or not accelerating to full speed you are ready to RECHARGE.

***NOTE:** At this time, there is still charge in the battery but it is not advisable to fully discharge the batteries.

FOLDING AND STORAGE

When you are done riding the XTR-Street II you can fold it down for compact storage, carrying and transportation. Make sure the POWER SWITCH is in the OFF position and the charger is unplugged from the socket.

Always charge your POWERBOARD fully prior to storage!



To fold down the XTR-Street II, use one hand to pull back on the FOLDING HANDLE, while using the other to gently pull down on the handlebars. (Fig. 12) BE CAREFUL NOT TO HIT YOUR HEAD WITH THE HANDLEBAR. Push down until you feel the mechanism lock into place.

CHARGING SYSTEM

This unit comes standard with a regulated 24V charger, this means that the power can be left switched on for a long period of time without harm to the batteries.

NOTE: It is not advisable to leave your Powerboard plugged in for more than 24 hours.

ALWAYS CHARGE YOUR POWERBOARD PRIOR TO STORAGE

To re-charge your XTR-Street II, simply connect the small round plug on the CHARGER to CHARGING PLUG as described in GET STARTED Charging section.

Your Power Board is now fully charged and ready for use.

RECOMMENDED TOOLS

To adjust and service the Bladez XTR-Street II Power Board you will need the following tools:

Allen Keys: 3/4/5/6mm.
Wrenches: 10/13/14/17 mm Open and ring combination.
Large Adjustable Crescent Wrench
Philips Head Screwdriver
Oil, Grease or Lubricant (such as WD-40)

BRAKING SYSTEM

The XTR-Street II uses a front wheel disc/calliper system activated by a hand lever (on the left side of the handlebar). The brake is activated by squeezing the BRAKE LEVER with your left hand. The XTR-Street II is equipped with a controller that temporarily disengages the power to the motor when the BRAKE LEVER is depressed.

Practice braking on a smooth, dry surface to get used to the feel of the braking system. Braking distance is affected by wet conditions and loose and uneven riding surfaces.

FIG. 13



Adjusting the Brakes

The Brakes on the XTR-Street II should come fully adjusted from the factory. However, it may be necessary to adjust the brake from time to time.

To adjust the brakes:

Loosen the tension screw on the Brake Lever by rotating it counter-clockwise until the wheel spins freely, with some For further adjustment:

1. With one hand, depress the brake calliper using your thumb and forefinger. (Fig. 13)
2. With the other hand, adjust the tension screw on the brake line.
 - a. Turn the tension screw clockwise to loosen the brake.
 - b. Turn the tension screw counter-clockwise to tighten the brake.

Squeaky Brakes

The brakes may squeak before they are broken in. This is normal and will not affect the function or performance of the brakes. With continued use, the squeak should go away.

TIRES AND WHEELS

The Bladez XTR-Street II uses an identical rim and tires assembly on the front and rear wheels, which means that the tires can be rotated. The wheels are actually two wheel halves (split rim) bolted together to make it easier to remove and replace the tire.

The rear wheel is fitted with a special spacer to accommodate the sprockets, while the front wheel has a bracket for the disc brake.

Tire wear will differ based on rider weight, riding conditions and care. Replacement tires can be obtained at your local Bladez dealer, through motorcycle shops, or from the Bladez website at www.ebladez.com.

Tire Pressure

This pneumatic tire must be inflated to a maximum of **57 P.S.I.**

Empty all air from the tire, prior to loosening the bolt to split the rim.

*Always make sure that your tires are fully inflated. If the tire pressure is low it will cause the scooter to run at slower speeds and consume more battery power.

Adjusting the Head Unit

The head unit should come adjusted from the factory. However, riding on rough terrain and general use may cause the head unit to become loose over time. It may be necessary to adjust the head unit from time to time.

To adjust the head unit:

1. Rotate the handle bar as far right as it will go to expose the HEAD UNIT.
2. Using a large adjustable wrench, gently turn the BEARING LOCK clockwise to tighten.

* DO NOT over tighten as it will make it difficult to steer and may DAMAGE THE BEARING RACE.

CHAIN CARE

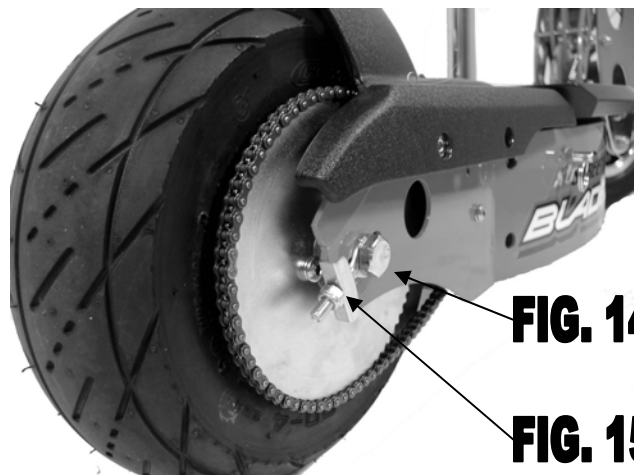
Proper chain care will increase the life and improve performance of your Power Board. Always keep the chain lubricated and tightened to proper tension.

Lubrication

Always keep the chains lubricated with a good chain spray or grease (not chain wax). If the chains are allowed to run dry for a prolonged period they will fail, and the life of the chain is severely shortened.

Chain Adjustment

The chain on the XTR-Street II should be adjusted from time to time. The chain should be tight enough not to skip, but have a little bit of play. If you feel your chain skipping or make a popping noise, adjust the tension immediately. For regular adjustments.



1. Using a 17mm wrench, loosen the axle bolts on each side of the rear wheel (Fig. 14).

2. While the axle bolts are loose, using a 10mm wrench loosen the tension bolts behind the rear wheel of the XTR-Street II and move the rear wheel backwards to remove the slack for the chain (fig. 15).

FIG. 14

FIG. 15

3. Once this is achieved the wheel nuts must then be relocked into position and wheel alignment must be checked (while turning the wheel, visually check that the clearance between the wheel and the frame parts have clearance).

*NOTE: Chains that are run extremely dry will cause sprocket teeth to be severely damaged.

TROUBLESHOOTING GUIDE

The following guide will help assist you in identifying and correction common problems with your XTR-Street II:

Symptoms	Potential Causes:	Solutions:
The charger light turns green right away	This indicates the batteries are adequately charged. Most units come charged in the box.	No action needed.
Batteries do not hold a charge. Unit does not have specified travel range.	Batteries have reached the end of their useful life or poor polarity between batteries. Charger is malfunctioning.	Replace batteries. Replace charger unit.
Unit moves intermittently, or very slow.	Batteries not fully charged or polarity problem. Throttle cable is loose.	Charge or replace batteries. Tighten or Replace cable.
Unit will not move when throttle lever is activated.	Throttle cable is loose. Batteries not fully charged. Batteries have reached the end of their useful life.	Tighten cable. Replace batteries, charger or circuit board. Replace batteries.
Unit stops abruptly during use.	Circuit breaker has "tripped".	Allow electric motor to cool and re-set circuit breaker by turning power switch on and off.
The unit is turned on but the light does not come on.	Bad on/off switch. Dead batteries. Batteries disconnected	Replace on/off switch Replace batteries Check connections

OTHER QUESTIONS

Where can get replacement and aftermarket parts?

From your local Servicing Dealer or over the web at:

www.ebladez.com

For additional questions, service instruction, further information and important phone numbers, please go to the Bladez website at www.ebladez.com.

If you have any additional questions, please contact Bladez Customer Service Department at (866) 325-2339 x 1

Thank you for purchasing a Bladez Power Board and please tell your friends about how much fun you had on the Bladez Power Board.



www.ebladez.com

Bladez, Corp.
20155 ELLIPSE
FOOTHILL RANCH, CA
92610