

TAUBIK

BLACKBURN TL



User Manual

SAFETY INSTRUCTIONS

Thank you for choosing and purchasing our E-Bike. For your driving safety, please read this manual carefully to ensure that you can follow the correct instructions, safety warnings and precautions before using it.

- Strictly abide by local laws and regulations and traffic laws. The company is not responsible for any consequences caused by violation of the above laws and regulations.
- Strictly follow the instructions in the manual for corresponding operations. The company is not responsible for any consequences caused by improper use, speeding, overloading etc...
- Do not use this E-Bike to do stunts, it will increase the probability of injury and damage to the E-Bike.
- Please always wear a helmet.
- Do not leave the battery near fire or heat sources.
- Please regularly check whether the brake performance is good.
- Please do not modify, repair or disassemble the product on your own.
- Avoid using used, defective and/or aftermarket batteries.
- People who should not ride the product include:
 - i. Anyone under the influence of alcohol or drugs.
 - ii. Anyone who suffers from disease that puts them at risk if they engage in strenuous physical activity.
 - iii. Anyone who has problems with balance or with motor skills that would interfere with their ability to maintain balance.
 - iv. Anyone whose weight is outside the stated limits (see Specifications).
 - v. Pregnant women.

SPECIFICATIONS

Model	BLACKBURN TL
Max Load	120KG
Motor	500W/48V
Battery	15Ah
Suspension	Front spring suspension
Max Speed	32km/h
Derailleur	Rear: Shimano 7
Max Distance	±40km (Pure Power)
Max Distance	±70km – 110km (Pedal assist)
Sensor	Speed Sensor
Frame	Aluminum
Brake Type	Hydraulic brakes
Tire Size	27.5" X 2.35"
Tire Pressure	SEE TIRE SPECIFICATIONS
Charger	54.6V/2A
Charge Time	6-8 hours
Fork	Suspension fork
Net Weight	28.2kg

PARTS DIAGRAMS



Features & Parts

- 1. Brake light
- 2. Battery Pack
- 3. Seat
- 4. Brake Lever
- 5. Headlight
- 6. 27.5inch Tire
- 7. Rear Derailleur
- 8. Kickstand
- 9. Pedal



1. Left Brake Lever for front brake
2. LCD Display
3. Right shifter for rear derailleur
4. Handlebar
5. LCD Display Button
6. Thumb Throttle

DISPLAY PANEL



- (1) Voltage Indication
- (2) Max speed
- (3) Power gear
- (4) Total distance travelled
- (5) Indicates the Battery Capacity
- (6) Average speed
- (7) Current speed
- (8) Single distance
- (9) Power output by motor
- (10) Indicates the headlight on

DISPLAY BUTTON



Short Press: Press the button and soon released, while the button is released, the function activated accordingly

Long Press: Press the button and hold, when the hold time exceeds the setting time (generally 2 seconds), the function activated accordingly.

No.	Function	Operation Method
1	Power on / off	Long Press 'On/Off'
2	PSA Level 10km/h, 20km/h, 30km/h, 40km/h	Short Press ∇ 、 \wedge buttons to switch assist level
3	Switch Speed/Power	Short Press 'M' buttons
5	Walk (Pedestrian mode)	Long Press ∇ buttons
6	Turn on/off headlight	Long Press \wedge buttons

ERROR CODES

Display can warn bike faults. When faults are detected, error code will be shown on the interface and blink at 1Hz. When error code is shown, button functions will not be affected, meaning interfaces can be shown normally by pressing buttons. If no button operation after 5s, the display will return to the error code interface.

Error code interface as shown below:



Error code	Error description	Suggest operation
"04" shown at speed	Throttle doesn't turn back to zero position (stay on the high position)	Check if the throttle turned back
"05" shown at speed	Throttle failure	Check throttle
"07" shown at speed	Overvoltage protection	Check battery voltage
"08" shown at speed	Failure of motor's hall signal wire	Check motor
"09" shown at speed	Failure of motor's phase wire	Check motor
"11" shown at speed	Failure of the motor's temperature sensor	Check controller
"12" shown at speed	Failure of the current sensor	Check controller
"13" shown at speed	Failure of the temperature of the battery	Check battery
"14" shown at speed	Controller temperature is too high, and reaches the protection point	Check motor
"21" shown at speed	Failure of the speed sensor	Check the install position of the speed sensor
"22" shown at speed	Failure of BMS communication	Change battery
"30" shown at speed	communication failure	Check connector to controller

CHARGING



CAUTION

Only use the provided charging cable to charge your BLACKBURN battery pack. Using any other unauthorized charger may cause damage to your battery pack and/or.

CHARGING THE BATTERY RACK

- Ensure the EBIKE is turned off.
- Remove the battery pack from the battery dock.
- Ensure that the charging port is clean and dry.
- Make sure that there is no dust, debris or dirt inside the port.
- Plug the charger into a grounded wall outlet.
- The charging indicator light ON ,the charger will be red.
- Connect the cable with the power supply (100~240VAC).
- Align and connect the 1-pin charging cable into the charging port of the battery pack.

DO NOT FORCE OR BEND THE CHARGING CABLE INTO THE CHARGING PORT, AS IT MAY CAUSE THE PRONG TO BEND OR BREAK.

OPERATING CONDITIONS

FAILURE TO FOLLOW ANY OF THE FOLLOWING SAFETY PRECAUTIONS CAN AND MAY LEAD TO DAMAGE TO YOUR DEVICE, VOID YOUR MANUFACTURER WARRANTY; LEAD TO PROPERTY DAMAGE, CAUSE SERIOUS BODILY INJURY, AND CAN LEAD TO DEATH.



Any BLACKBURN that does not work properly can cause you to lose control and fall. Inspect the entire device thoroughly before every ride, and do not ride it until any problems have been corrected.

KICKSTAND

Never ride your EBIKE with the kickstand down.

OPERATING YOUR Ebike

Make sure the battery pack is fully charged before the first Initial use. Before turning on your E-bike, sit on it like a standard bicycle to get comfortable with the device before using it with the motor.

GEARS

Your Ebike is equipped with 5 gears. The lowest gear (1) is for easier and uphill pedaling, and the highest gear (5) is for maximum speed on level or downhill terrain. Change gears only while pedaling.

The rear wheel contains 5 chain sprockets. When the chain is around the largest sprocket you are in 1st gear, or the lowest gear. When the chain is around the smallest sprocket, you are in 5th gear, or the highest gear.

TROUBLESHOOTING

PROBLEM	POSSIBLE CAUSES	SOLUTION
Motor will not engage	<ol style="list-style-type: none"> 1. Low battery 2. Battery loose or unplugged 3. Severed wire connection 	<ol style="list-style-type: none"> 1. Recharge battery 2. Make sure battery connections are secure 3. Contact customer support
Feels shaky when driving	<ol style="list-style-type: none"> 1. Low tire pressure 2. Wheel is not securely fastened 3. Bearings in steering system are worn out 	<ol style="list-style-type: none"> 1. Inflate to 40 psi 2. Fasten wheel securely 3. Replace bearings
Mileage not being recorded correctly	<ol style="list-style-type: none"> 1. Infrequently charged 2. Defective or worn-out battery pack 3. Cold temperature affecting battery performance 4. Defective or incorrect charger damaged battery 	<ol style="list-style-type: none"> 1. Charge battery pack more often 2. Replace battery pack 3. Allow battery pack to reach room temperature and fully recharge it. 4. Contact customer support
LCD Display not registering	<ol style="list-style-type: none"> 1. Low battery 2. Display is broken 3. Bad battery cells 4. Faulty charger burns out display 	<ol style="list-style-type: none"> 1. Recharge battery pack 2. Replace display 3. Replace battery pack 4. Contact customer support

PROBLEM	POSSIBLE CAUSES	SOLUTION
Brakes squealing	<ol style="list-style-type: none"> 1. Dirty brake pad 2. Hard edges on new brakes 3. Brake pads are too tight 	<ol style="list-style-type: none"> 1. Clean the brake pad 2. Squealing will stop the more you ride 3. Adjust brake pads to 1-2mm gap from wheel
Stiffness when steering	<ol style="list-style-type: none"> 1. Grime build-up in steering system 2. Bearings in steering system are worn out 	<ol style="list-style-type: none"> 1. Clean steering system 2. Replace bearings

The above table is only meant to act as a guide to help you figure out any problems you may have with your EBIKE. If you are unable to get your EBIKE to operate properly, please ask for support.

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