

### **Altered™ Electric Skateboard Warranty**

The warranty covers materials and workmanship. Altered™ Electric Skateboards (Chase Boards, LLC) warrants to the original owner that our electric skate board shall be free from all defects in material or workmanship for 90 days from the original date of purchase when used for the purpose intended, under normal conditions. All other obligations and conditions or liabilities, including obligations for consequential damages, are hereby excluded.

This warranty gives you specific rights and you may also have other rights, which vary from state to state.

If your board should prove defective, write to, or call Altered™ / Exkate® giving a description of the board and the problem. When Altered™ / Exkate® receives your notification, and the board is determined to be defective, parts will be sent at no charge, or authorization to return the board will be given. The defective board will then be repaired or replaced. Any refund would be only at the option of the dealer where the board was purchased. Altered™ / Exkate® is not involved in any such negotiations.

**ALL UNAUTHORIZED RETURNS WILL BE REFUSED.**

**THE ALTERED™ ELECTRIC SKATEBOARD IS NOT A TOY. THE POWERED SKATEBOARD IS NOT AN OFF-ROAD VEHICLE. THE BOARD IS INTENDED FOR USE ON PAVED OR CONCRETE SIDEWALKS, PATHS OR ROADS. THE BOARD IS NOT TO BE OPERATED ON GRASS, THROUGH WATER, OVER DIRT ROADS, OVER GRAVEL, THROUGH DEEP POTHOLES OR OFF CURBS.**

**THE BOARD IS TO BE OPERATED ON SMOOTH, FLAT, DRY SURFACES. IF YOU RETURN YOUR BOARD FOR WARRANTY SERVICE AND IT SHOWS SIGNS OF ABUSE, YOU WILL BE CHARGED FOR LABOR PLUS PARTS TO REPAIR THE BOARD.**

This warranty does not apply to any electric skateboard that has been subject to abuse, misuse, negligence, or accident. Defects caused by tampering, unauthorized alterations or repairs are not covered by this warranty. We may elect to replace the entire unit, at no extra cost to you, with the same model or similar model rather than repair it.

Warranty return shipping is the responsibility of the customer.

**YOUR INSURANCE POLICIES MAY NOT PROVIDE COVERAGE FOR ACCIDENTS INVOLVING THIS ELECTRIC SKATEBOARD. TO DETERMINE IF COVERAGE IS PROVIDED, YOU SHOULD CONTACT YOUR INSURANCE COMPANY OR AGENT. USE RESPONSIBLY.**

For warranty service you must contact our customer service department to obtain a Return Authorization (RA) code, or contact your local dealer.

**ALTERED™**  
electric skateboards

service@Exkate.com

26212 Dimension Drive, Suite 160 ■ Lake Forest, CA 92630  
800-214-3595 949-951-9500

[www.AlteredElectricSkateboards.com](http://www.AlteredElectricSkateboards.com)

[www.AlteredExkate.com](http://www.AlteredExkate.com) ■ [www.Exkate.com](http://www.Exkate.com)

## **Owner Manual**

### **Altered™ Future Pro 150**

**The Original Wireless  
Electric Skateboard**

**ALTERED™**  
electric skateboards



---

**Thank you for purchasing the Altered™ Future Pro 150 model!**

To get the best ride and maximum use out of your electric skateboard please read this manual thoroughly before your first ride. With proper use, your Altered™ skateboard will provide years of safe, trouble-free riding. Thorough understanding of the information in this manual is the first step in safely enjoying your board. Your Altered™ electric skateboard is engineered and manufactured with the most technologically advanced production methods and quality control processes.

---

by



# Introduction to the Altered™ Electric Skateboard with Wireless Remote Control

## Table of Contents

Carton Contents.....	2
Specifications .....	2
Read All Instructions Carefully Before Use.....	3
ALTERED™ SAFETY WARNINGS.....	3
Preparation .....	4
Getting Started .....	4
Charging the Battery .....	4
Adjust Electric Skateboard's Speed Range .....	4
Turning the Board On .....	5
Riding Your Board.....	5
Wireless Remote Control.....	5
Riding Tips.....	5
Speed .....	6
Regular Maintenance .....	6
MAINTENANCE WARNING.....	6
Tighten Fittings .....	6
Keep the Board Dry .....	6
Trucks & Bushings Are NOT Adjustable.....	6
Drive Wheel .....	7
Battery Maintenance .....	7
Drive Belt .....	7
Troubleshooting .....	7
Altered™ Electric Skateboard Warranty .....	8

### Carton Contents

1 Altered™ Future Pro 150 model /150 watt wireless electric skateboard, fully assembled	1 battery charger
1 hand-held wireless remote control & 9v battery	1 owner manual
	1 Owner Registration form

### Altered™ Future Pro 150 Specifications

Maximum Rider Capacity:.....125 lbs / 57 kg	Exkate patented torsion trucks (USPTO 5,853,182)
Range: ..... up to 7 mi / 11 km on flat surfaces	Dimensions: ..... 30.5" x 8.75" /77.5 cm x 22.2 cm
Acceleration: 0 to 10 mph / 16 kmh in 3 seconds	Net weight: ..... 18.7 lbs / 8.5 kg
Braking: .. 10 mph / 16 kmh to 0 in 40 ft / 12.2 m	Motor: ..... 12V DC /150 Watt
Turning radius: ..... 6 ft / 1.8m	Battery: ..... 12V 7 Amp (1 battery)
Controller: ..... Wireless handheld controller for smooth, variable acceleration & braking – Multiple position speed switch with 3 speed range settings	Charger: ..... Input – 110-120 VAC Output – 12V DC / 1 amp

Protected by US Patents: 5,893,425 (Electric Skateboard)  
and 5,853,182 (Torsion Trucks)

Remember: ALWAYS ride within your limits and comfort zone and  
NEVER ride without protective gear!

### ▪ Drive Wheel

The drive wheel will wear considerably more than the other 3 wheels. If you start noticing that your board is grinding, you need to replace the drive wheel. Contact Altered™ / Exkate® or your local dealer to order replacement wheels and other parts.

### ▪ Battery Maintenance

The rechargeable battery that powers your Altered™ board should last 1-2 years (1000 to 1500 miles of riding) if kept properly charged, but will slowly decrease in capacity and eventually fail to hold a charge. To maintain maximum life, **always keep your batteries charged when storing for extended periods of time. Plug in at least once a month to maintain a charge.** Charge time for your board is approximately 4 to 6 hours. You may order replacement batteries from Altered™ / Exkate or your local dealer. It will not harm your batteries to always be connected to the charger when not in use. The charger quits charging when batteries are fully charged.

### ▪ Drive Belt

Due to the superior design of the board, the drive belt will last a long time, but eventually will wear out. Replacements can be ordered from Altered™ / Exkate or your local dealer.

## Troubleshooting

Issue	Problem/Cause	Solution
Skateboard does not start up.	▪ Skateboard controller is not turned on.	Turn on.
	▪ The indicator light on the charger is red.	Recharge the skateboard.
	▪ No beep heard when turning on controller.	Battery is not properly installed or is out of power. Re-install or change battery.
Skateboard stops automatically after running for some time.	▪ Overheat/overload protection of motor.	Cool motor.
	▪ Low voltage production of controller.	Change or re-charge battery.
Intermittent power while riding.	▪ The metal film of the handle is damaged.	Repair the metal film or replace controller.
	▪ The antenna receiver on the bottom of the skateboard is damaged.	Repair the antenna.
	▪ Controller and receiver are wet or moist.	Drain/dry (may need replacement).
	▪ Indicator light on battery box is going down to bottom or invisible.	Recharge battery.
	▪ Riding in bare feet. Bare feet do not transmit controller signal well. Hands or feet are wet from sweat or other moisture.	Put shoes on or dry hands & feet.
Unable to charge skateboard.	▪ No power, or charger has overheated or charger does not light.	Replace charger.
	▪ Red light flashes in succession because charger does not work smoothly or due to low voltage of battery group.	Change charger or charge the battery group.
Strong vibration and loud high-pitched noise when running.	▪ Belt is loose or over-flexed.	Adjust the belt, fasten screw and nut, and adjust back nut.
	▪ Bearing is damaged.	Change bearing.

Remember: ALWAYS ride within your limits and comfort zone and  
NEVER ride without protective gear!

- Once the motor has engaged, pull the trigger more to increase speed.
- To decrease speed, slowly let the trigger go. This will decrease your speed. If you let the trigger go to its starting position you will be in near-neutral (for safety, there is no fully neutral state).
- To brake, push the trigger forward. The braking power is relative to the speed you are traveling. If you are at full speed when you engage the brakes, you will stop faster than you would if you were coasting in neutral. Maximum speed and stopping distance depends on your weight and riding surface.
- The wireless remote control uses a standard 9-volt battery. Turning the control off when not in use will maximize battery life. If you notice unreliable communication with the board, replace the battery.
- On an uphill run, you will find that you need to keep your weight over the rear wheels to keep them from slipping. If the hill is too steep, the board will bog down and continued use may overheat the motor. Stop, step off and walk the steep hills. This board will take lighter weight riders up hills faster and will slow down under the weight of heavier riders.
- On downhill runs, the motor remains engaged at all times providing some drag to slow you down. You also have full braking control. Frequent minor speed corrections with the brakes are preferable to letting your speed build up and then braking suddenly.

## Speed

- Never ride down hills that are too steep to maintain safe control of your board.
- Never ride down hills that require constant braking, as this can damage the board's electronics.

### KNOW YOUR LIMITS AND RIDE WITHIN THEM!

Start slowly and keep your speed down until you have a good feel for the acceleration and braking.

## Regular Maintenance

Under normal use, your board will require very little routine maintenance. Follow directions below.

### MAINTENANCE WARNING

FAILURE TO FOLLOW MAINTENANCE INSTRUCTIONS AND GUIDELINES WILL VOID YOUR WARRANTY. DO NOT OPEN THE BATTERY BOX, MOTOR CONTROL ASSEMBLY OR MOTOR. DOING SO WILL VOID YOUR WARRANTY.

YOUR ALTERED™ ELECTRIC SKATEBOARD IS NOT WATERPROOF AND MUST NOT BE RIDDEN IN THE RAIN, MUD, OR OTHER WET AREAS TO PREVENT ELECTRICAL DAMAGE. ALWAYS KEEP YOUR BOARD CLEAN AND FREE OF MOISTURE.

### Tighten Fittings

Vibrations from normal use can cause some of the fittings to loosen over time. Check all fasteners for tightness before every use, especially if used on irregular surfaces. This will require an allen wrench and a few different sized sockets or open-ended wrenches. Check and tighten all screws and nuts after every 4 to 5 hours of riding. Do not over-tighten as stripping can result. Snug is tight enough.

### Keep the Board Dry

Your electric skateboard is not waterproof and must not be ridden in the rain, mud, or other wet areas to prevent electrical damage. Always keep your board clean and free of moisture.

### Trucks & Bushings

Exkate's patented trucks are not like conventional skateboard trucks. **TIGHTENING THE TRUCKS DOES NOT CHANGE THE STIFFNESS OR TURNING RADIUS. DO NOT ADJUST THE TRUCK'S KINGPIN BOLT OR YOU CAN SPLIT THE BUSHING!** The trucks and bushings are factory preset and should not be adjusted. The bushings are specially formulated to absorb shock and provide positive steering control. Although specially formulated for extremely long life, the bushings located in the trucks of your board will wear over time. Replace them with the same special bushings that are standard equipment on the board. They are available through Altered™ / Exkate or your local dealer.

Remember: **ALWAYS** ride within your limits and comfort zone and **NEVER** ride without protective gear!

## Read All Instructions Carefully Before Use

THIS ELECTRIC SKATEBOARD IS NOT A TOY. Skateboarding is a popular recreational activity. However, as with most sports there are certain risks and dangers involved in skateboarding and action sports activities, including skating itself, riding, assisting, and observing.

Skateboarding is regulated by state and local laws, which vary by location. Local laws should be consulted for specific requirements in your area.



**WARNING! Any person who participates in or assists in skateboarding assumes the known and unknown inherent risks in skateboarding activities and is legally responsible for all damages, injury, or death to himself / herself or other persons or property which result from these activities.**

### As a rider or active skateboarding spectator you are responsible for:

- Acting within the limits of your ability and the purpose and design of the equipment used.
- Maintaining control of yourself and the equipment you use.
- Refraining from acting in any manner which may cause or contribute to death or injury of yourself or others.

IF YOU DO NOT UNDERSTAND ANY AND ALL PARTS OF THIS SAFETY OPERATION INFORMATION, PLEASE CALL ALTERED™ / EXKATE® TO CLARIFY ALL POINTS IN THIS OWNER MANUAL: 800-214-3595

## ALTERED™ SAFETY WARNINGS



**WARNING! WEAR A HELMET AND PROTECTIVE SKATEBOARD RIDING GEAR AT ALL TIMES! This includes elbow and kneepads, protective eyewear, long pants and long shirts or outerwear protection.**

- The combination of power and weight make your Altered™ board a potentially hazardous device. Improper use can result in property damage, serious injury or even death. Understanding all of its features and controls is necessary for safe riding.
- **THE ALTERED™ FUTURE PRO 150 IS DESIGNED FOR USE BY THOSE 14 AND OLDER AND SHOULD NOT BE USED WITHOUT ADULT SUPERVISION.**
- Maximum recommended weight for the rider is 135 lbs / 60 kg.
- This board should be operated by only 1 rider at a time.
- Avoid uneven surfaces, potholes, surface cracks and obstacles. Always ride at a safe speed, maintaining full control over the board at all times. Know your limits and ride within them. Adult supervision is strongly recommended.
- This board 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 unsafe operation of this vehicle. The operator can minimize these assumed risks by wearing safety equipment. Always check your state and local laws before using in public areas.
- **DO NOT OPERATE THE ELECTRIC SKATEBOARD IN TRAFFIC OR ON WET, FROZEN, OILY OR UNPAVED SURFACES, OR NEAR PEOPLE OR OTHER VEHICLES.**
- The user of this product and the adult supervisor assumes all risks associated with its use. To minimize these assumed risks, the user must wear a safety helmet, protective eye wear, appropriate footwear, knee and elbow protection at all times. Do not operate your board in crowded areas.
- Be aware that radio signal interference could occur in your riding area.

**HAVE FUN AND BE SAFE!**

Remember: **ALWAYS** ride within your limits and comfort zone and **NEVER** ride without protective gear!

## Key Features of Your Altered™ Electric Skateboard

Your Altered™ Electric Skateboard is a state-of-the-art electric-powered skateboard offering the following features:

### Variable Speed Control

You control your speed by moving the remote control trigger.

- Pulling the trigger *toward you* **increases** your speed.
- Pushing the trigger *away from you* **decreases** your speed to approximately the halfway point, where the power is in neutral.
- Pushing the trigger away from you *beyond the halfway point* applies **braking power**.

### ABS Electronic Brake

Push the trigger gradually and steadily away from your body to achieve safe breaking. Our technology allows for a stable deceleration with a gradual increase in braking power as speed decreases.

### Universal and Selective Controller

Our wireless remote controller is *universal* – Altered™ Electric Skateboard controllers can be used with any of the same model/specification. Our wireless remote controller is *selective* – when an Altered™ Electric Skateboard controller is controlling a skateboard, other controllers cannot interfere unless they are in VERY CLOSE PROXIMITY (within 3 feet / 1 meter).

### Emergency Brake Anti-Collision Protection

If you fall off your board it will brake immediately and not run off into the sunset.

### Board and Remote Control Automatic Shutoff

Both the board and the wireless remote control have automatic shutoff protection to preserve the batteries in each unit should you forget to turn off either. (Units shut off after 10 minutes of non-use.)

## Preparation

1. Inspect outer carton for damages; open carton and inspect for internal damage. Report any damage to your freight carrier or dealer.
2. Remove your new board, remote control and charger. Plug charger into wall and electric skateboard to begin charging process. Lights on the charger will blink until a full charge is attained.
3. Be sure that you are thoroughly familiar with all of the features and controls discussed in this manual before you ride.
4. All safety equipment should be worn at all times when on the board – even when riding for short distances or durations! Make sure that the area in which you plan to ride is paved, level, free of obstacles, clear of power lines, radio antennas, and is not crowded.

## Getting Started

Before riding your new board, please be sure you fully understand how your board operates.

## Charging the Battery

Before first use, make sure your electric skateboard has a full charge. A full charging cycle can take 4 to 6 hours.

A green indicator light on the charger means the battery is fully charged.

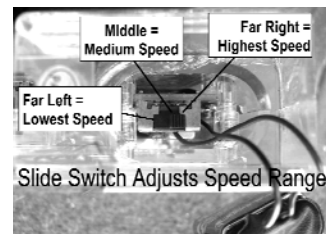
- A steady red or flashing red indicator light means the battery is in charging mode. Charge until the light turns a steady green.
- If your powerboard also has a battery charge indicator on the battery box, do not rely on the indicators to reveal strength of the battery. Red bars only indicate the battery is not dead.

## Adjust Electric Skateboard's Speed Range

Your board has 3 adjustable speed ranges: **High, Medium** and **Low**. A slide switch is located in the remote control gun – just under the 9-volt battery – that controls the speed range. To adjust the speed capacity

4

turn off the wireless remote and remove the 9-volt battery from compartment of the base of remote control handle. Locate the slide switch inside the compartment. Set the switch to the desired speed range: left=slow; middle=middle range; right=fastest speed range. (See picture, below left.)



Speed range control is adjusted with the slide switch underneath the 9-volt battery in the hand controller.



1. Turn on the battery box power first...



2. ...Then turn on the hand controller.

## Turning the Board On

1. To turn the board on, press the black rubber power button located on the side of the board's black battery box. By depressing the button you will hear a "click" and see a red light come on, indicating the board has been powered on.
2. Next, turn on the power of the wireless remote control. If the 9-volt battery in the remote is charged, you will hear a faint, high-pitched beep indicating the remote has been powered on.

**Be sure to follow this sequence in order when turning on your board:**

- 1) **turn on the board, then** 2) **turn on the remote – or your electric skateboard will not work.**

Note: Your board also has an automatic shut-off to prolong battery life. If the board is not used for about 10 minutes, power shuts off automatically. Turn back on to restart.

## Riding Your Board

Once your board is on, **SLOWLY** pull the trigger toward you to accelerate. To decelerate, **SLOWLY** release the trigger. To slow to a stop, push the trigger *away* from you.



**WARNING!** Your Altered™ Electric Skateboard is powerful. Never pull the trigger quickly or release it suddenly with no resistance. If you step on and pull the trigger quickly, you will be thrown backward off the board. If traveling at high speed, pushing the lever forward quickly (engaging the brake) could throw you forward, headfirst off the front of the board. Know your limits and accelerate and brake accordingly!

## Wireless Remote Control

The wireless remote control regulates the speed of the board:

- Pulling the trigger *toward you* will **accelerate the board**.
- Releasing the lever will return it to the near-neutral position, and allow you to coast downhill.
- Pushing the trigger *away from you* will **engage braking**.

**IMPORTANT:** The Altered™ wireless remote uses a unique, close proximity low-frequency radio signal that minimizes the possibility of signal interference. However, signal interference may occur within about 3 feet / 1 meter of other Altered™ Electric Skateboards, or with high power lines, cell phones or other signal-emitting devices. **Use caution and check your ride area for signal interference before use.**

## Riding Tips

- Pull the trigger **very slowly** until you start to feel the motor engage. If you get on the board and pull the trigger quickly the board will throw you off the back.

5

**Remember: ALWAYS ride within your limits and comfort zone and NEVER ride without protective gear!**

www.AlteredElectricSkateboards.com ♦ www.AlteredExkate.com

**Remember: ALWAYS ride within your limits and comfort zone and NEVER ride without protective gear!**

www.AlteredElectricSkateboards.com ♦ www.AlteredExkate.com