

# Fifield Seaside 3.0

## Electric Bicycle Owner's Manual

THIS MANUAL CONTAINS IMPORTANT SAFETY, PERFORMANCE, AND MAINTENANCE INFORMATION. READ THE MANUAL BEFORE TAKING YOUR FIRST RIDE ON YOUR NEW ELECTRIC BICYCLE, AND KEEP THE MANUAL HANDY FOR FUTURE REFERENCE.



# INTRODUCTION

## About this Owner's Manual

It is important for you to understand your new electric bicycle (e-bike). Even if you have ridden an e-bike before, it is important for every person to read this manual before riding – you'll know how to get better performance, comfort, and enjoyment from your new e-bike!

Please take the time to read this manual in its entirety. It is the owner's responsibility to carefully read all of the contents of this manual and to comply with all laws pertaining to the operation of bicycles and/or electric bicycles in your local jurisdiction.

If the owner is unable to fully understand this information please contact Fifield directly for further explanation.

## Register your Electric Bicycle

Due to recent federal legislation an electric bike is no longer classified as a motor vehicle. However, various states have differing laws about riding them on the road. These regulations may

### **WARNING**

Improper use of this product may cause serious injury. To reduce risk of injury please completely read this manual as well and reference any additional bike safety literature you may have. Fifield assumes no responsibility for any injury or property damage incurred through any use of this product.

include but are not limited to being at least 16 years of age and/or having a valid drivers' license. If you have any questions regarding your states legislation please consult with the Laws web page or consult your local department of motor vehicles for clarification.

If you have further questions about the operation of this e-bike, consult your authorized dealer or contact Fifield directly. It is extremely important that you follow the safety guidelines contained in this manual in order to ensure your maximum safety. If you loan your bike to anyone make sure they have also read and fully understand this owner's manual.

# IMPORTANT: KEEP FOR FUTURE REFERENCE

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## Contact Fifield

info@fifieldebikes.com • (781)-927-1511  
72 Sharp Street, Hingham, MA 02043

Welcome to the Fifield e-Bike family

**My bicycle model:** \_\_\_\_\_

**My frame serial number:** \_\_\_\_\_

**My motor serial number:** \_\_\_\_\_

**My dealer and #:** \_\_\_\_\_

**Date of purchase:** \_\_\_\_\_

Keep for your records



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# BEFORE YOUR FIRST RIDE

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## Congratulations!

You are now the proud owner of a Fifield Electric Bicycle!

Your electric bicycle is like any other bike, but with electric pedal assistance and throttle. The same precautionary steps while biking should be taken to prevent any accidents or injuries.

“Electric” means that your e-bike will assist you when you are pedaling if you so choose. You may also pedal normally with no assistance at all or twist a throttle to get moving with no pedaling necessary.

The electric bicycles' amount of assistance will depend on what level you set it to; the speed varies from 0 to 5. The fastest speed your bicycle will go is 20 MPH (32 Km/h).

## Know your electric bicycle

If misused, the features of your electric bicycle may cause you to lose control of the e-bike. Before riding in fast or more difficult situations, learn the function and performance of all the mechanisms of your bike by riding at slower speeds in a flat, empty space.

**The maximum weight is 286lbs (130 kg).** When riding, please pay attention to the weather and load

on your bike; if any changes are noticed adjust your riding style accordingly. When it is raining or snowing, please increase braking distance as a safety precaution.

This e-bike is not afraid of rain or snow, but it **cannot be submerged in water**. When water submerges the motor it can cause a short circuit to occur and damage the electric apparatus.

In addition, the exposed metal contacts on the battery box are able to carry a charge and cannot be touched at the same time with wet hands or metal objects. If this occurs it may cause a short circuit or injury.



### CAUTION

Charge your battery fully before using.

# SAFE RIDING

## Check your e-bike before riding everytime

Before operating your electric bicycle, inspect it carefully to avoid accidents or damage. Inspect your bike completely before each ride.



### CAUTION

Always keep the power switched OFF before riding. Turn on *only after* you are ready to ride.

Turning the power on and then **accidentally twisting the throttle** can result in the e-bike lurching forward and may cause an accident, damage, or injury.

If the battery was removed, place the battery back into its location and be sure to lock it and remove key. Check to see that the battery is fully charged (battery level indicated on screen) before riding and check the air pressure of the tires (60 – 75 psi). Be sure to test the front and back brakes, as well as the condition of the handlebars and the front and back wheels.

Make sure that everything is fastened and secure. Be sure to check that all quick releases are locked and in good working order.



### WARNING

Do not leave the key in the battery lock while riding to avoid breaking the key.

## Taking off

As the bike starts, accelerate slowly; do not try to get to your maximum speed right away because doing so could damage the electric components.

If applied, the hand brake will automatically cut the power to the motor as well as release the throttle. You should **avoid using the throttle while brakes are being applied** so that you do not overload the motor. When starting from an elevated path, pedal as much as possible so that the electric power will last longer. Pedaling more than using solely the throttle will lengthen the life of the battery and motor.

## Going downhill

When going downhill, please do not turn the power off. If you are not pedaling or using the throttle, there will be no power assist when traveling downhill. If you turn the power off, it could easily damage the controller and motor.

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As you continue to ride, the battery will decrease proportionally based on the amount of power you are using. As the battery decreases, the bar will go down one by one. If the bar goes out completely, **you can still pedal your e-bike** just like a regular bike. Be sure to charge your battery when you get to an electrical outlet.

To get the best distance out of your electric bike, refrain from excessive stop and go braking and coast as much as possible.

### Local riding laws

Most state and local areas have specific laws for cyclists. Please check with your local Department of Motor Vehicles for clarification. Again, these e-bikes are not considered motor vehicles, but may be subject to additional regulation based on the state you live in. Some of the common laws include mandatory lights and reflectors on the bikes.

### Safety precautions

Be sure to ride an appropriate distance away from cars, pedestrians, and other obstacles. In addition, try to avoid potholes, drain grates, and other imperfections in the road which

may affect your ability to ride. A bell is provided to alert others of your approach.

OBEY all traffic laws relevant to the operation of bicycles and electric bicycles.

KEEP both hands on the handlebars at all times and do not hang objects from the handlebars.

RIDE predictably and in a straight line. Never ride against traffic.

USE the correct hand signals when turning or stopping. If you do not know the proper hand signals, it is important you learn them before riding on the road.

USE extreme caution when you are near other vehicles. Ride defensively and assume that other people on the road do not see you, and be careful at intersections when starting from a stopped position.

DO NOT suddenly brake in the rain or on slippery surfaces.

WEAR a helmet for your protection and bright or reflective clothing to make you more visible.

# INSTRUCTIONS FOR USE

## Switching ON/OFF

Make sure your battery is secure and locked in place and remove the key from the battery. To turn the system on, go to the LCD screen hold down the **MODE** for 2 seconds. To turn off, hold **MODE** for an additional 2 seconds.

When the e-bike is parked for more than 10 minutes, the display will automatically shut down.

## LCD display screen

The display screen will only work when the battery is attached to the bike.





## LCD Function Summary

The LCD screen provides a wide range of functions and indicators to the fit your needs. The indicated contents are as follows:

- Battery level indicator
- Speed display
- Trip distance and total distance
- Cruise control (when walking)
- Headlight on/off
- Motor power (wattage)
- Trip distance and total distance

The LCD has three buttons.



**MODE**



**UP**



**DOWN**



### **CAUTION**

Try to avoid hitting the screen. Do not try to modify the system parameters as it may cause malfunctions.



### **WARNING**

Contact service center if an error code is displayed. Do not attempt to fix it yourself.

## Display Interface

After starting up the display, the default setting will show Running Speed. Press **MODE** to change the information from

Running Speed to Average Speed, Max Speed, Trip Distance, Total Distance, and Trip Time.

## Cruise Control

Press and hold **DOWN** to enable power assistance while walking the bicycle. Your bike will go at a speed of 3.7 MPH(6 Kmph).

**NOTE:** This function can only be used while pushing/walking the electric bike by hand. Please do not use this function while riding.

## Backlight On/Off

Hold **UP** for 2 seconds to turn on the backlight of the display; this will also power on the headlight. Hold **UP** again for 2 seconds to turn off.

## Power Assist Level Selection

Press **UP** or **DOWN** to change desired output of power. The power ranges from 0-6. Level 0 will supply no power to the pedal assist and level 6 will supply the maximum. The default value is level 1 though you will be able to shift freely at any time. Your current level of power assist can be seen in the bottom left corner of the LCD screen labeled as "PAS".

## Battery Indicator

The five battery bars represent the capacity of the battery. When the battery is low the battery frame on screen will flash to notify that it needs to be recharged immediately.

### **Error Code Information**

If an error code appears, take note of what code is displayed. Contact a service center to get your bicycle repaired. An error code will be displayed in the bottom right corner in place of the normal “WATT” display.

*For more information on the LCD screen, refer to our website to download the extended version of the manual.*

### **Clearing the Trip Time and Distance**

1. Press and hold the “+” and “-“ buttons at the same time
2. A menu titles “tc-n” will appear
3. Press the “+” button to make the option “tc-y”
4. This means “trip clear – yes”
5. Press the “M” button to select and clear

6. Now press and hold the “M” button to back out of the following menu

### **Pedal assistance**

Your pedal assist will start once you start to pedal and stop once you stop peddling. You are able to adjust the amount of assistance on the LCD screen by adjusting the + / - button. If you do not want any assist, you may set it to 0 and no assist will be given. If the handbrakes are applied, the pedal assist will cut automatically. You do not need to turn the power off when going downhill.

### **Throttle**

The throttle is located on the left side of your handlebars. It is a one speed throttle which does not engage unless there is movement in the rear wheel. To engage the throttle, turn the throttle towards you while seated on the bike. There is an automatic SHUT OFF of the throttle on the brake levers. Every time the brake lever is pressed, the power from the motor is disconnected.

### **Gears**

There are 9 external gears on your bicycle. The gears are located on the right side of your

handlebars. The trigger shifter works by using your thumb to push the lower lever to shifter to easier gears. Use your forefinger to pull the upper lever to obtain the harder gears.

## Battery

The battery supplied is the top quality Lithium Battery and was designed specifically for this electric bicycle. The battery is sealed in a protective case and is detachable to enable you to easily take off and put on your bike. There is a key to lock the battery in place on your bike to discourage theft.

Your battery should be recharged after each use. The normal lifecycle of the battery, if continuously discharged and recharged, is about 5+ years or 1000-2500 recharges, after which the storage capacity will decline.



### WARNING

Do not attempt to open the Lithium battery in any way. Doing so may cause chemical, electric, and/or fire hazards.

Do not store your battery outside or in an unheated space when the temperature is expected to drop

below 32°F. Doing so will diminish the total life of your battery.

Again, be sure to **fully charge the battery before the first use.**

The range in distance on a full charge is approximately 30 – 50 miles depending on your weight class and terrain. Higher weight classes and uneven surfaces will require more power than lighter weights and flatter surfaces. This equals to 5 – 6 hours of continuous riding, again depending on your weight class and terrain.

Battery performance is affected by temperature, and will perform better in warmer temperatures. When the temperature is below 32°F (0°C), the battery current may decrease by 1/3. Consequently, the travel range in cold environments is less than in warmer environments, but will return to normal when it the battery returns to room temperature.

Frequent braking/starting, riding uphill/against strong winds, starting from a standstill, or riding on rough/muddy roads will consume extra power and shorten the range.

Here a few tips to prolong the battery life under these conditions:

- Frequent braking/starting – try to look ahead and coast rather than stop and go frequently.
- Riding uphill/against strong winds – pedal to supplement the battery power.
- Starting from a standstill – use pedals to help bring you up to speed, not just the throttle.
- When bicycle is being stored, charge the battery once a month.

Fifield is not responsible for damages caused by use of other products not specifically designed and tested for use with this electric bicycle.

The battery chargers contain sensitive electronics. Improper use, dropping, or sudden jolts can damage the charger and its internal electronics.

### Charging the battery

It is important that you charge your battery after every use. This will extend the total life of your battery. You may charge the battery when it is on the e-bike or when it is removed from the

bicycle. This is especially helpful if your bike is not parked near an electrical outlet.

#### **WARNING**

DO NOT use chargers or other components on your e-bike other than the ones which have been approved and tested by this company.

Because specifications of the charger may change in the process of production, please read the charger manual in detail before use.

#### **How to charge**

To charge, turn the **key to OFF and remove the key** from the battery, then insert the plug of the charger into the charging socket of the battery. Once this is complete, insert the charger into the electrical outlet. The standard 120V wall outlet in most homes is sufficient power to charge the battery.

The light on the battery will appear RED to show that is not full. A full recharge typically takes 4 – 5 hours. When the battery is full, the light will change from red to GREEN. You can continue to charge for 1 – 2 more hours after it turns green.

Unplug the power source from

the battery and then from the electrical outlet. Store the charger in a cool, dry place.

**NOTE:** After the light turns green, the charger is in “trickle charge.” This means that if plugged in, it will continue to charge slowly and maintain the charge. Doing this will not harm the battery. For safety and long battery life, unplug the battery if you are going to be gone for an extended period of time.

**Do not leave the charger plugged into the battery for more than 10 hours to avoid overcharging and potential damage to the battery.**

Using your power source incorrectly or leaving the charger connected to the battery and an outlet for extended periods of time may result in a fire.

When charging, the charger will become warmer. Be sure to keep the charger away from any flammable objects. On a normal charge cycle, the charger may reach temperatures up to 185°F (85°C).

**PRECAUTIONS** while charging:

➤ ALWAYS use the charger according to the instructions

- DO NOT use any charger other than the one that came with your e-bike. If you need a replacement, please contact Customer Service
- DO NOT attempt to open or repair your charger if it is malfunctioning
- AVOID any contact with liquids when charging your battery. If a plug or socket gets wet, dry it completely before using
- DO NOT touch the two poles of the battery with your hands when charging
- DO NOT touch the two battery poles to any other metal or other material that conducts electricity
- DO NOT put anything on top of the charger while charging to allow proper ventilation
- DO NOT bump, drop, or damage the charger
- BE SURE to keep out of the reach of children
- IF you smell a peculiar smell or the temperature is too high, stop charging immediately by disconnecting the charger from the wall.



**WARNING**

Do not submerge this bicycle. This may cause a short circuit which could lead to injury or death.

# MAINTENANCE

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## Wheels

Wheels should be centered in the fork or dropouts. If you hear any irregular noises from the wheels or brakes, the wheels should be checked and repaired. Regularly check the spokes of the wheels for tightness and rim alignment. The wheels should rotate smoothly without wobbling from side to side.

Check the bearing play of the hubs by lifting the bicycle and spinning the wheel; it should continue to spin for several turns after you remove your hand. To check the play of the hubs, try to move the wheel from side to side between the forks. If you detect any substantial movement, or if the wheel is difficult to turn, the bearings must be adjusted or replaced. Please contact a local bicycle dealer to have the hub bearings adjusted.

## Gears

The gears on your electric bike should always be properly aligned and the derailleurs should be passing the chain off smoothly without any noise. For a step by step guide with pictures to properly align the gears, reference the subsection “gears” within the

“Assembly” section. If your gears are properly aligned and there are issues with the derailleurs, please bring the bike to your local mechanic for maintenance.

## Throttle

The throttle should always be tightly secured and in place. If there is movement from the original location, or the throttle does not power the bicycle when you twist, bring the bicycle to a repair shop; do not try to fix it yourself.

## Rims

Your rims should always be smooth and without cracks. If there are any breaks, bulges, cracks, or general imperfections have it repaired immediately.

## Spokes

Check the tension of the spokes regularly. All of the spokes should have the same tension. If there is any minor loosening of the spoke, you may tighten the nipples yourself, but it is recommended that you take it to a bicycle mechanic. If there is a loose spoke or if the rim has side play of more than 1/8” (4mm), do not ride and

take it to a mechanic immediately. Riding with loose spokes may cause the wheel to be unbalanced and affect riding performance.

## **Tires**

It is recommended that your tire pressure is at least 60 psi. Before every ride, make sure that the tires are inflated according to the pressure on the sidewall. Improper tire pressure will make riding more difficult, cause excessive wear, and will result in the premature failure of the tire.

The tires should be properly seated on the rim. The fitting of the tire bead and rim bead should be checked regularly. If the tube is pinched between the rim and the tire, the tube will pop and create a hole in your tire.

Make sure that the tire is not cracked or worn unevenly and that it is without bulges. Also be sure to check the valve stem to see if it is straight in the rim. Irregular tires should be replaced immediately.

## **Handlebar**

To straighten the handlebar, turn the stem binder bolt to loosen, and align with the front wheel. Be sure to tighten it when it is straight to keep it in place. Loose or damaged grips should also always

be properly in place; if your grips come off you could lose control of your bicycle.

## **Brakes**

Riding with brakes and cables that are worn or damaged, or wheels in poor condition, may result in losing control of your bicycle. Wet weather may hinder the brake performance. Be sure you allow for more distance to safely stop in the wet or icy conditions. Check before each ride that your brakes are free of obstacles, not leaking fluids, and working properly before operating your bicycle.

## **Battery**

Never attempt to open the Lithium battery in any way.

If you are having any issues with the battery, please bring the bike to your local bike mechanic for repairs.

## Display

### Guide to Adjusting King Meter Pedal

#### Assist Selection Range to “0” Through “5”

1. Turn the system on to the home screen.
2. Hold the **+ and –** buttons for 2 seconds to open a settings menu
3. Hold the **+ and –** buttons again for 2 seconds to go further into the systems setting menu. A screen with four “0” will appear with a three in the bottom left and “-P.” in the bottom right.
4. Here you will enter the number “2-9-6-2.” To do this use the **+ or –** button to scroll up and down until you have the desired number, then press the **M** button to move to the next number slot.
5. Once the last number is entered and **M** is pressed, a menu will appear starting with “VOL”
6. Press the **+ button** once so the screen reads “SCA” (this is menu number 2)
7. Press the **M button** to enter this menu.
8. Press the **+ button 7 times** until “PAS 0-5” is flashing on the bottom part of the screen.
9. Press **M** to select.
10. Now press **M** for **2 seconds** to go back to the SCA screen.
11. Hold **M** again for **2 seconds** until the home screen is back
12. Double check that pedal assist now can be adjusted to zero and you are all set.



Every new Fifield e-bicycle comes with our warranty. Once your Fifield e-Bike is registered with Fifield Incorporated, we provide each original retail purchaser a warranty against defects in materials and workmanship, as stated below:

**2 years**

- Frame
- Electric motor, LCD, and controller
- Battery pack (or 500 charges, whichever comes first)

This warranty applies to 2014 and newer model bicycles. Any other original part or component shall be covered by the stated warranty of the original manufacturer. Any products not specifically included above are hereby omitted. Any other original part or component shall be covered by the stated warranty of the original manufacturer. Any products not specifically included above are hereby omitted.

**THIS WARRANTY DOES NOT COVER:**

- Normal wear and tear
- Improper assembly
- Improper follow-up maintenance
- Installation of components, parts, or accessories not originally intended for or compatible with the bicycle as sold
- Damage or failure due to accident, misuse, abuse, or neglect
- Damages resulting from failure to follow Instructions for Use and Warnings as provided in the Owner's Manual for the e-Bicycle
- Damages resulting from improper charging of the battery pack or use of any charger not supplied by Fifield e-Bicycles Incorporated
- Labor charges for part replacement or changeover

This warranty is void in its entirety by any modification of the frame, fork, or components. This warranty is expressly limited to the repair or replacement of a defective item, and said repair or replacement is the sole remedy of the warranty. This warranty extends from the date of purchase, is offered only to the original owner, and is not transferable. This warranty applies only to Fifield Incorporated purchased through an authorized dealer or distributor. Fifield Incorporated is not responsible for incidental or consequential damages. Some states do not allow the exclusion of incidental or consequential damages, so the above exclusion may not apply to you. Any claim against this warranty must be made through an authorized dealer or distributor. Proof of purchase is required. A bicycle must be registered with Fifield Incorporated before a warranty claim may be processed. Claims made outside the country of purchase may be subject to fees and additional restrictions. Warranty, duration, and detail may differ by frame type and/or by country. This warranty gives you specific legal rights, and those rights may vary from place to place. This warranty does not affect your statutory rights. The English version of the warranty shall prevail.