



EN | English

Attention!

Read this manual before your first ride

SHIMANO



Quick Start Guide

Version 1.1

This Quickstart Guide is not the complete manual for your EPAC nor the General User Manual for this bicycle. Please read your EPAC manual before your first ride. You can download the technical manual from our website to access all the relevant information about the use and care of this EPAC and its components, as well as information about spare parts, apps, warranty terms, etc.

INDEX

01 INTRODUCTION

| | |
|---------------------------------|---------|
| 1.1 MANUAL INFO & SYMBOLS | PAGE 03 |
| 1.2 PRODUCT WARNINGS | PAGE 04 |
| 1.3 YOUR SAFETY | PAGE 05 |
| 1.4 SAFETY EQUIPMENT | PAGE 06 |

02 RIDE INFO

| | |
|---------------------------|------------|
| 2.1 PRE-RIDE CHECKS | PAGE 07-08 |
| 2.2 AFTER A CRASH | PAGE 09 |

03 REGULATIONS & USAGE

| | |
|--------------------------------|---------|
| 3.1 LEGAL REGULATIONS | PAGE 10 |
| 3.2 USAGE CLASSIFICATION | PAGE 11 |
| 3.3 USAGE CATEGORIES | PAGE 12 |

04 STEPS E5000 & E6100 OPERATING SYSTEM

| | |
|-----------------------------|---------|
| 4.1 DISPLAY FUNCTIONS | PAGE 13 |
| 4.2 START UP ON/OFF..... | PAGE 14 |
| 4.3 DISPLAY & UNITS | PAGE 15 |

05 ASSIST MODES

| | |
|-----------------------|---------|
| 5.1 PUSH ASSIST | PAGE 16 |
| 5.2 WALK MODE | PAGE 17 |

06 CHARGING

| | |
|------------------------|------------|
| 6.1 WALK THROUGH | PAGE 18-20 |
|------------------------|------------|

07 BATTERY HANDLING

| | |
|--|---------|
| 7.1 BATTERY REMOVAL | PAGE 21 |
| 7.2 BATTERY INSTALL | PAGE 22 |
| 7.3 BATTERY DATA & SPECIFICATION | PAGE 23 |



01 INTRODUCTION

1.1 Manual Info & Symbols

PLEASE NOTE: This manual was drafted in the English language and may have been translated to other applicable languages. This quick start manual assumes that you have basic knowledge or experience of riding pedelec's/bicycles.

Thanks for choosing to purchase this Whyte product. We hope you will enjoy all the benefits of its advanced design and engineering.

This manual will guide you through the set-up, safety and operations procedures that are specific to your Whyte bike. Please read it carefully, for more general information, we strongly advise that you also read the 'General Instructions Manual' and 'EPAC Operating Manual' that is also supplied with your new bike. If you do not have a copy of your 'General Instructions Manual' you can download it for free from www.whyte.bikes.com/support

Your Whyte bikes component specifications that are fitted as standard may be obtained from the Whyte Bikes website www.whyte.bikes.com. Please remember, if you are in any doubt about your ability to safely assemble, service, or repair your Whyte bike, DO NOT RIDE IT and instead arrange for a professional bicycle mechanic at your local Whyte dealer to do the job correctly.

Bundled with this manual, may be some of the respective manufacturers instructions and manuals for the branded parts that are fitted to your Whyte bike. Please take time to study all the relevant instruction manuals to ensure you have a continually safe and well set-up bike before every ride. Happy and safe riding.

Manual Symbols



WARNING! - This symbol indicates a hazardous situation which could result in serious injury or death. Riding bicycles can result in loss of control or falls which may result in injury or death, this manual doesn't always repeat the warning of possible injury or death.



CAUTION! - This symbol indicates a potential hazardous situation which could result in a minor or moderate injury. This symbol may also alert against unsafe practices. The symbol will also be used as a safety alert to indicate a situation where damage to the bicycle/EPAC voiding your warranty.



INFO - This symbol indicates to the reader that the information is important to the user and product.



01 INTRODUCTION

1.2 PRODUCT WARNINGS

The Whyte Bosch eBike system which can only be activated when there is sufficiently charged battery installed. Please check the 'CHARGING' section of this manual which shows how to charge your bicycle safely. If a sufficiently charged battery is installed and the eBike system is switched on, pedal assistance can be engaged when pedal force is applied. For all pedal assist modes please find the correct operating system in this manual.

RIDING ADVICE

Riding an eBike offers a very different experience to riding a conventional bicycle with no motor. The injection of power and increased weight can change your riding approach. Below are some considerations to ensure safe riding, reduce component wear, and increase battery range

- Additional weight can affect braking distances. Consider your speed when entering corners and trail features. Pedalling through corners or trail features will increase your speed and may exceed the riders control
- Shifting gears efficiently dependant upon gradient and terrain ensures an efficient cadence reducing wear to drive-train components. This will also extend the battery life of the eBike.
- Check Tyre pressures regularly to ensure optimum grip and roll efficiency.
- Store the eBike indoors and where possible avoid storing in cooler temperature lower than 5 degrees.

PRE-RIDE ADVICE

Ensure that the eBike is properly sized for the user. Check your owners manual for assistance with size adjustments. Please ensure you have read the sections in your owners manual regarding set up, mechanical checks, and safety checks. Please see advice below specific to EPAC's.

- Check battery charge level prior to every ride
- Ensure you are familiar with display functions
- Ensure you are familiar with the remote functions
- Make sure the bike is disconnecting from the charger before every ride.



WARNING! The motor will engage as soon as you step onto the pedals pushing the bicycle into motion. You should be seated on the bicycle and have the ability to engage at least one brake prior to pedalling. Do not mount the bicycle with one foot on the pedal as this could result in a serious accident.



CAUTION! The weight of your eBike is much greater than a conventional bicycle with no motor. Please use caution when parking, pushing, loading, and lifting during handling operations.



WARNING! Use the lowest power assist mode (eco mode) when learning to ride this eBike. The acceleration for an inexperienced eBike rider could result in a serious accident. Whyte recommends learning to ride your eBike in a safe location away from pedestrians, other bicycles, and traffic. Master starting, stopping and cornering prior to trialling other assist modes. For guidance on assist modes and controller instructions please see specific operating system instructions in this manual.



WARNING! Take care when viewing the display or using the eBikes controls, the distraction can lead to accidents. Please stop the eBike when operating the controls.



01 INTRODUCTION

1.3 YOUR SAFETY



WARNING! - Never ride your eBike/pedelec whilst using headphones. Never ride whilst operating your mobile phone or other electronic device. Never ever ride your bike under the influence of alcohol or drugs. Failure to follow these strict results can lead to a serious accident or even death.



Caution! - Please be aware that the risks when riding a eBike/pedelec greatly rise from that of a conventional bicycle. When riding you may experience increased speeds and different breaking distances which should be considered. Ensure you feel comfortable with your bikes performance before riding in public areas where you may put other peoples safety at risk



Riding conditions: Under wet and slippery conditions please consider your cornering and braking. Make adaptations to your riding by decreasing your speed, braking earlier, and gradually applying braking force. Braking distance is likely to be significantly increased especially in off road conditions. Ensure you ride at an appropriate speed for the conditions, terrain, and your ability.



WARNING! - Your eBike/Pedelec has numerous rotating operation components that maybe exposed (brakes, wheels & cassettes). Take care not to snag clothing or luggage in moving components as this could result in serious injury or lead to a accident. Avoid wearing loose clothing that may get caught. Do not touch moving parts.



01 INTRODUCTION

1.4 SAFETY EQUIPMENT



INFO: The user of this Whyte bike is responsible for knowing current laws and regulations regarding bicycle use. The rider must obey them and must be aware of the penalties for their violation.



WARNING! Safety gear such as helmets are required by law. Please educate yourself on current laws and legislations before riding. The use of helmets and other protective wear can reduce serious injuries and even death.



Lights: Lights are mandatory for night riding by law, reflectors are not sufficient. Please make yourself aware of all laws and regulations for your country/state. Riding at night or in poor visibility is dangerous. Ensure lights are installed at the front and rear of your bicycle before riding at night.

Helmet: Whyte Bikes strongly recommend that when riding any of their bikes that a helmet is worn at all times. This is regardless of the discipline or bicycle type. Ensure the helmet is securely fastened. Failure to wear a helmet could result in serious injury or even death.

Reflectors: The reflectors on your bicycle reflect light, which illuminates them, making the cyclist visible to other vehicles, pedestrians and cyclists. They make you visible in conditions of poor visibility/light. They are therefore a crucial part of the safety system and must not be removed.

Please ensure all reflectors are securely fastened, clean, clear of any obstructions and exhibit no signs of damage. Do not remove reflectors from your Whyte bike, they have been installed to meet current laws and are fitted for the users safety.



02 RIDE INFO

2.1 PRE - RIDE CHECK

Pre-Ride Check

Routinely check the condition of your bicycle before every ride. Regardless of ability and experience level, you should read all of your Owners Manual (Assembly Safety Equipment, Pre-Ride Check, Safety Checks, And Set Up) and carry out all the required checks. In addition, make sure you are comfortable operating the eBike's controls and are familiar with all aspects of your bike.

- Make sure nothing is loose. Lift the front wheel off the ground by approximately 5cm (2 inches), then let it drop and bounce on the ground. Does anything sound, feel or look loose? Then do a visual and tactile inspection of the whole bike. Can you find any loose parts or accessories? If so, secure them. *(Frequency: Before every ride)*
- Tyre pressure. Make sure tyres are correctly inflated. Check by pushing the bike down into the floor, while looking at how the tyre deflects. Check manufacturers recommended tyre pressures indicated on the side wall. Adjust the air pressure if necessary. *(Frequency: Before every ride)*
- Tyre condition. Spin each wheel slowly and look for cuts in the tread and side wall. Replace damaged tyres, do not ride on them. *(Frequency: Before every ride)*
- Wheels are true. Spin each wheel and check for side-to-side rim movement. If a rim moves side to side even slightly take the bike to a Whyte dealer to have the wheel trued. *(Frequency: Before every ride)*
- Ensure there is ample battery charge before setting off *(Frequency: Before every ride)*
- Check that the display and control functions are operational *(Frequency: Before every ride)*.



WARNING! It is critical that the checks above are completed before every ride. This can prevent serious injury or even death



INFO: Ergonomic adjustments to seat-post heights, handlebars, and suspension set ups can affect the control, comfort and performance of the user and bicycle. Correct setup can have great affect on increasing or reducing the rider safety and enjoyment.



Brake Lever Adjustment:



INFO: Please note front and rear brake levers change sides dependant upon country/state. Ensure you identify which brake lever operates which brake.

Whyte recommends that at least the index fingers have the range to reach the brake levers easily. Brake lever adjustment can be achieved, please consult brake manufacturers manuals or by consulting a Whyte retailer for further details



INFO: Take care during assembly not to damage the disks, callipers, or pads when installing the wheels. With hydraulic brakes, never apply pressure to the levers with the wheel not being installed.

02 RIDE INFO

2.1 PRE - RIDE CHECK



WARNING! Loose or damaged stem, handlebars, grips or extensions can cause you to lose control and fall. Unplugged handlebars or extensions can cut you and cause serious injury in an otherwise minor accident.



WARNING! As with all mechanical components, the bicycle is subjected to wear and high stresses. Different materials and components may react to wear or stress fatigue in different ways. If the design life of a component has been exceeded, it may suddenly fail possibly causing injuries to the rider. Any form of crack, scratches, fraying or change of colouring in highly stressed areas indicate that the life of the component has been reached and it should be replaced.



WARNING! Carbon composite components, including frames, wheels, handlebars, stems, cranksets, brakes, etc. Which have sustained an impact must not be ridden until they have been disassembled and thoroughly inspected by a qualified mechanic.



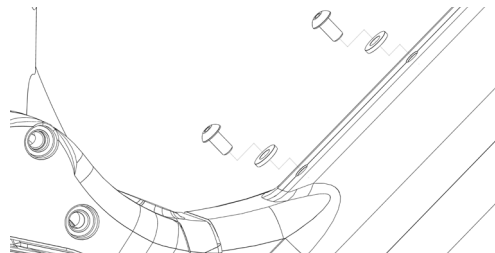
Control Checks

Checking over your bike controls prior to every ride is critical to the riders safety. These checks must be carried out after assembly.

- Brake function. Squeeze the brake levers. Can you apply full braking force at the levers without having them touch the handlebar? Try to move the bike forwards with the brake levers squeezed. Are the wheels locked? If not, then the brakes are not working properly. Do not ride the bike until you have consulted your Whyte dealer.
- Wheel attachment. Ensure the front and rear wheels are correctly secured to the fork and frame.
- Secure seat post. If the seat post has a quick-release clamp fastener for easy height adjustment, check that it is properly adjusted and in the locked position
- Handlebar and saddle alignment. Make sure the saddle and handlebar stem are parallel to the bike's centre line and clamped tight enough so that you can't twist them out of alignment. If they are not, do not ride the bike until you have consulted your Whyte dealer.
- Handlebar grips are tight. Twist the handlebar grips to confirm they will not move. Make sure there is a plug in each end of the handlebars.



WARNING! When installing products that use the bottle cage mounting points ensure the installation is **ALWAYS** carried out with the **BATTERY REMOVED**. Fixings of the wrong length could damage or pierce the internal battery causing a potential fire hazard. Please check your owners manual and consult your Whyte dealer for further advice.



02 RIDE INFO

2.2 AFTER A CRASH

After a crash

Check yourself for injuries. Take care of them as best you can. If necessary, seek medical help. An apparently minor incident could have major implications later on. After a minor crash, check your bike for damage by doing a pre-ride check. After a major crash, have your Whyte dealer do a thorough check over your bike.



Warning: Carbon composite components, including frames, wheels, handlebars, stems, cranksets, brakes, etc. which have sustained an impact must not be ridden until they have been disassembled and thoroughly inspected by a qualified mechanic.

Ensure a thorough check of the complete bike is completed before riding the bike after a crash/fall. Damage might be obvious like a cracked frame, forks, or bent handlebars. Less obvious damage like bent or twisted controls on the handlebar can affect handling of the bike and needs to be rectified. Please go through the 'Pre-Ride' checks supplied in this manual. Carefully examine all areas of the frame, forks, and rims for any dents, cracks or deformations. If you find any signs of damage to the frame, forks, or rims then do not ride the bike. Consult your Whyte retailer to have the bike thoroughly inspected before riding the bike again

Check the seat, seat-post, stem, and handlebars are still in the correct orientation. NEVER try to correct the position by force. Loosen fixings/bolts with the correct tools and reposition before re-tightening (Ensure you refer to the specified torque settings).

Check both wheels are securely fitted in the right position in the frame and fork. Lift the eBike at both the front and rear to test the wheels rotate freely. Make sure there are no dents or deformations to the rims. Ensure the wheel runs true with no interference from the frame. Be sure to check over brake alignment with disks and pads as this may have been altered in the crash. Failure to carry out these checks before riding puts the rider at risk.



Warning: Aluminium components when deformed can brake unexpectedly. If any of your Whyte bicycle components have been deformed or bent after a fall then the bicycle is unsafe to ride. Please ensure damaged parts are replaced and correctly installed. If there is any doubt do not ride your bicycle and contact your Whyte retailer for support.



03 REGULATIONS & USAGE

3.1 LEGAL REGULATIONS



INFO: Before riding your Whyte eBike please inform yourself of all applicable legal requirements to ride safely in your country/state. Please ensure adequate safety restrictions are obeyed with regards to lighting, helmet requirements, licenses, and insurance requirements. Whyte Bikes will not make any promise, representation, or warranty regarding the use of your EPAC. Laws and regulations for EPAC's vary in different markets and continue to evolve, please ensure you obtain the latest information.

A eBike/pedelec is a bicycle where the rider is assisted when pedalling. The motor can legally go up to 250 Watts with a maximum assisted speed of 25Km/h. Any bike that exceeds these limits are considered to be a moped or light motorcycle depending upon country/state law.

Under EU and UK law eBikes/pedelec's fall under the same category as bicycles. These laws may differ or special rules apply dependant upon region so please take the time to educate yourself before riding. It's extremely important to obey the regulations governing the operation of an eBike/pedelec and the requirements regarding minimum age, certificates, licenses, insurance and helmets.



INFO: Do not tamper with your eBike/pedlec's electrical system in any way. Unauthorised modifications will void your bikes warranty, make the product unsafe whilst endangering the user and others. By making any changes to increase the speed or performance this could incur legal problems. Any maintenance to the electrical system must be carried out by a professional accredited mechanic and all replacement parts must be original. For further assistance please consult your Whyte dealer or motor manufacturer.

Possible Legal Implications:

- The eBike/pedelec is required by law to be registered for approval and insured. All legal requirements regarding the bike components stated by road traffic licensing authority must be adhered to e.g.. Lights, reflectors and helmets.
- Whyte do not offer representation, warranty, or liability for use of you eBike/pedelec
- Tampering with your eBike/pedelec may result in a legal offence, termination of warranty and insurance.

03 REGULATIONS & USAGE

3.2 Usage Classification

To define the intended use of your bike please contact your Whyte retailer. All Whyte bikes have been tested and classified accordingly. The purpose of this classification is to define the test requirements complying with the respective stress loads.



WARNING: Its critical that your Whyte bike isn't ridden under conditions that do not fall under its intended usage category. Exceeding the usage category of your bike could result in serious damage to the bike, injury, or even death.



WARNING: The maximum permitted weight should not exceed **120KG**. Whyte bikes may have differing maximum permissible weight limits, this can be found in the owners manual or on the frame sticker. Example of frame sticker pictured to the right. Exceeding the weight limit will damage the bike and could result in a failure or accident.

The **maximum permissible weight** is calculated using the following factors:

$$\begin{aligned} & \text{Weight of Pedelec (Kg)} \\ & + \text{Weight of rider (Kg)} \\ & + \text{Weight of Luggage, Tools, Rucksack (Kg)} \\ & = \text{Maximum Permissible Weight (Kg)} \end{aligned}$$

The sticker shown to the right can be found on the underside of your downtube near the headset. This sticker will display maximum permissible weight whilst stating the bikes overall weight, cut off speed, maximum power, manufacture year, and contact information.



WARNING: Towing is not permitted on this bicycle. Please do not use tow ropes or trailers. Towing will void your warranty and risks damaging the motor components.



WARNING: This bike has not been tested or approved for mounting child carriers. Doing so will put the passengers at risk.

MANUFACTURER: WHYTE BIKES LTD
WHITWORTH ROAD, ST LEONARDS ON SEA
TN37 7PZ, GREAT BRITAIN (GBR)

TELEPHONE: +44 (0)1424 753 566
E-MAIL: INFO@WHYTE.BIKE

WHYTE
CONISTON | CLIFTON | HIGHGATE

WEIGHT OF EPAC: CA. 21KG
MAX. WEIGHT: 120 kg

CUT OFF SPEED: 25 KM/H
MAX POWER: 0.25 KW



PLEASE NOTE: STICKER CONTENTS
WILL DIFFER BETWEEN COUNTRY/



03 REGULATIONS & USAGE

3.3 PRE - USAGE CATEGORIES



INFO: Usage categories meet safety standards 'DIN EN ISO 4210' & 'DIN EN 15194' EVS-EN 17406: 2020+A1:2021 Classification for bicycles usage



Whyte pedelec's of the category '1 - ROAD' have been designed to ride on hard packed road surfaces where the wheels remain in constant contact with the surface. Pedelec's of this category are not intended for use as touring or travel bikes. Maximum permissible weight consisting of the rider and luggage is specified on the CE marking on your bike.



Whyte pedelec's of the category '2 - CROSS' have been designed to ride on roads, tarred cycle lanes, or gravel/earthy surfaces that have been sign posted for bikes. This category of bike is intended for leisure and trekking where loss of contact between the wheels and surface may occur. Drops must be limited to 15cm (6") or less. Maximum permissible weight consisting of the rider and luggage is specified on the CE marking on your bike.



Whyte pedelec's of the category '3 - TRAIL' have been designed to ride on hard packed surfaces mentioned in category 1 & 2 as well as unpaved roads, rough trails, and unimproved trails which require technical skills. This category of bike is intended for leisure, trekking, and cross country where loss of contact between the wheels and surface may occur. Drops must be limited to 61cm (24") or less. Maximum permissible weight consisting of the rider and luggage is specified on the CE marking on your bike.



Whyte pedelec's of the category '4 - ENDURO' have been designed to ride on surfaces mentioned in category 1,2, and 3, or downhill grades. This category of bike is intended for All-mountain and Enduro where loss of contact between the wheels and surface is common. Drops must be limited to 122cm (48") and speeds limited to 40km/h. This bike category is suitable for bike parks which feature jumps, drops, roots, rocks and loose ground. Please note bike park construction characteristics to be suitable for this bike category. Maximum permissible weight consisting of the rider and luggage is specified on the CE marking on your bike.



Whyte pedelec's of the category '5 - DOWNHILL & FREERIDE' have been designed to ride on surfaces mentioned in category 1,2,3 and 4; extreme jumping; or downhill grades on rough trails where speeds may exceed 40km/h. This category of bike is intended for Downhill and Freeride where loss of contact between the wheels and surface is common. This bike category is suitable for bike parks which feature jumps, drops, roots, rocks and loose ground. Jumps and drops can exceed 122cm (48") on official trails with purpose built landings. Maximum permissible weight consisting of the rider and luggage is specified on the CE marking on your bike.

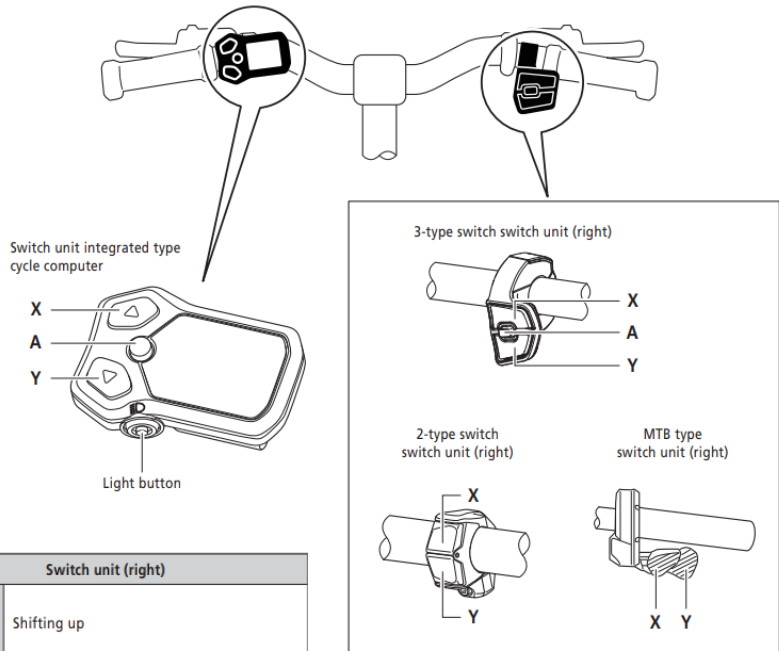
04 STEPS E5000 & E6100

4.1 DISPLAY FUNCTIONS

The operation for each button is indicated below:

*1 Only enabled when the assist bicycle supports automatic gear shifting.

*2 Depending on the region of use, you may not be able to use it due to the laws of the region. Refer to "Making walking and pushing the bicycle easy (walk assist)" for details on walk assist mode.



| Switch unit integrated type cycle computer | | Switch unit (right) | |
|--|--|---------------------|---|
| Button-X | Increase assistance When in walk assist mode: Disengage walk assist mode *2 | Button-X | Shifting up |
| Button-Y | Decrease assistance Hold down: Switch to walk assist mode *2 When in walk assist mode: Activate walk assist *2 | Button-Y | Shifting down |
| Button-A | Switching traveling data display | Button-A*1 | Switch between automatic and manual gear shifting |



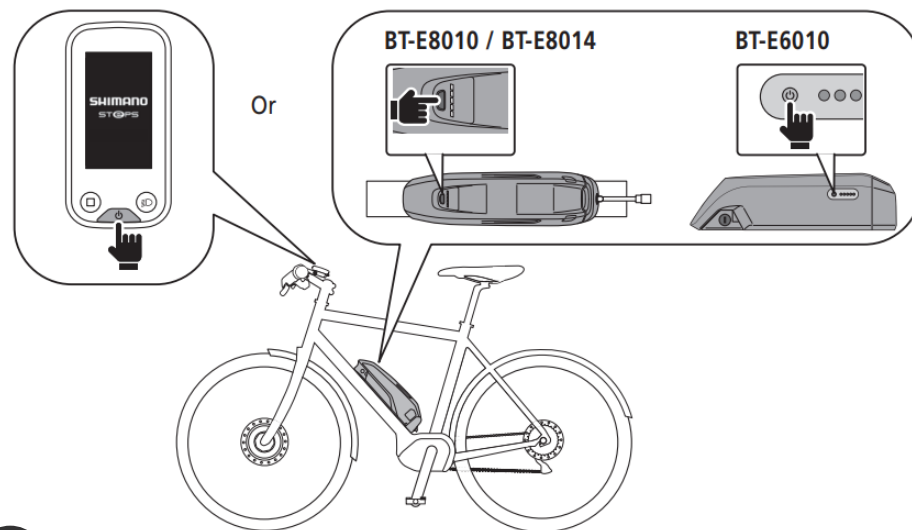
04 STEPS E5000 & E6100

4.2 START UP ON/OFF

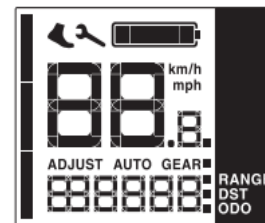
Turning the power ON/OFF

The power of the display is linked with the main power of the assist bicycle. When the main power is turned ON, all components connected to the drive unit of the assist bicycle are also turned ON (such as assist driving, the display, the electronic gear shifting mechanism, and the lights).

For the procedure for turning the main power ON/OFF see image below:



When the main power is turned ON, a screen similar to that shown below is displayed, before then switching to the main screen.



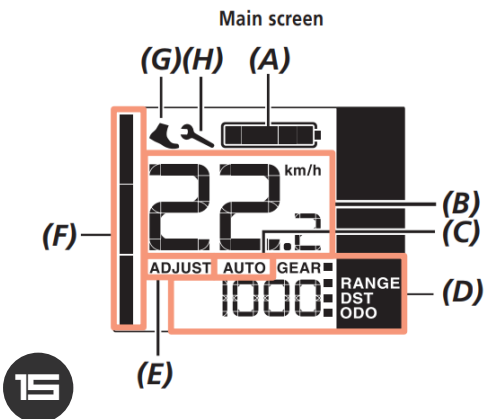
04 STEPS E5000 & E6100

4.3 DISPLAY & UNITS

Viewing the screen

The items displayed on the main screen differ according to the assist bicycle.

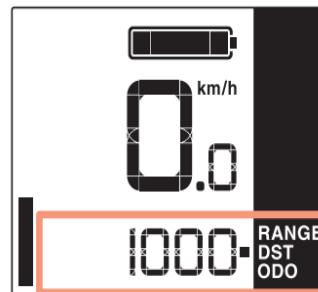
| | |
|---|--|
| (A) Battery level indicator (Refer to "Battery level indicator") | (E) ADJUST mode display (Refer to "NOTICE" below) |
| (B) Current speed Displays the current speed. (Refer to "Display units") | (F) Assist gauge Displays the current assist mode. A mode that provides stronger assistance the longer the length of the displayed gauge. |
| (C) Auto gear shifting display Displayed for the auto gear shifting. | (G) Walk assist*1 This icon is displayed when switched to walk assist mode. |
| (D) Traveling data display (Refer to "Switching the traveling data display") | (H) Maintenance alert Indicates that maintenance is required. Contact your place of purchase or a distributor if this icon is displayed. |



Resetting the travel distance

The traveling distance is reset from the main screen.

1. On the main screen: Press <A>. (Switches the traveling data display to [DST])



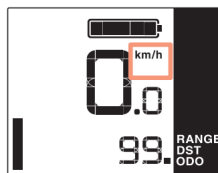
2. Hold down <A>. (Continue to hold down until the number displayed for [DST] flashes)

3. When the number displayed for [DST] is flashing: Press <A>. The traveling data is reset.

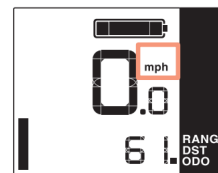
Resetting the travel distance

This product can switch the display units of speed, traveling distance, and cumulative distance to km or miles. It is necessary to connect to E-TUBE PROJECT (PC version) to switch the display units. For the connection method and setting procedure, contact your place of purchase.

Displayed in km



Displayed in miles






05 ASSIST MODES

5.1 PUSH MODES

Assist modes

You can select a SHIMANO STEPS assist mode for each particular application.

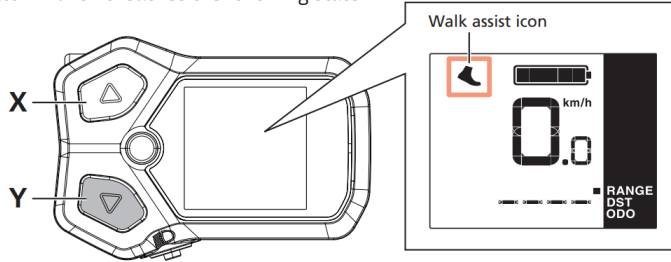
| [HIGH] | [NORM] (Normal) | [ECO] |
|--|---|--|
|  |  |  |
| Steep uphill slopes. | Gentle slope or level ground. | Long distance riding on level ground. |
| When the battery level is running low, the level of assistance is lowered to increase the traveling range. | | |
| [OFF] | | |
| <ul style="list-style-type: none">• When you don't need power assistance• When you are concerned about remaining battery power | | |
| [WALK] | | |
| <ul style="list-style-type: none">• When you walk while pushing the E-BIKE loaded with heavy baggage• When walking the E-BIKE out of an underground bicycle parking garage <p>* This mode may not be available in certain regions</p> | | |

05 ASSIST MODES

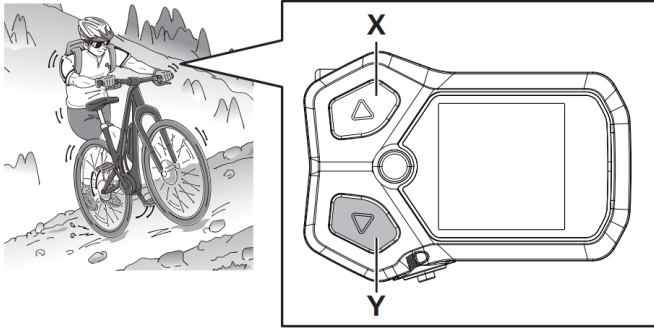
5.2 WALK MODE

Making walking and pushing the bicycle easy (walk assist)

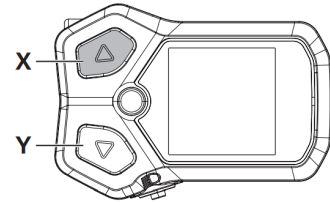
1. Stop and switch to walk assist mode.
Hold down button-Y until it reaches the following state.



2. Push the bicycle carefully while pressing the same button again.
If you let go of button-Y, the assist stops.



3. Exit walk assist mode. Press button-X.



06 CHARGING

6.1 WALK THROUGH

Charge the battery.

It is possible to charge the battery even while it is mounted on the bicycle (see page 10). For charging with the battery removed (see page 11)

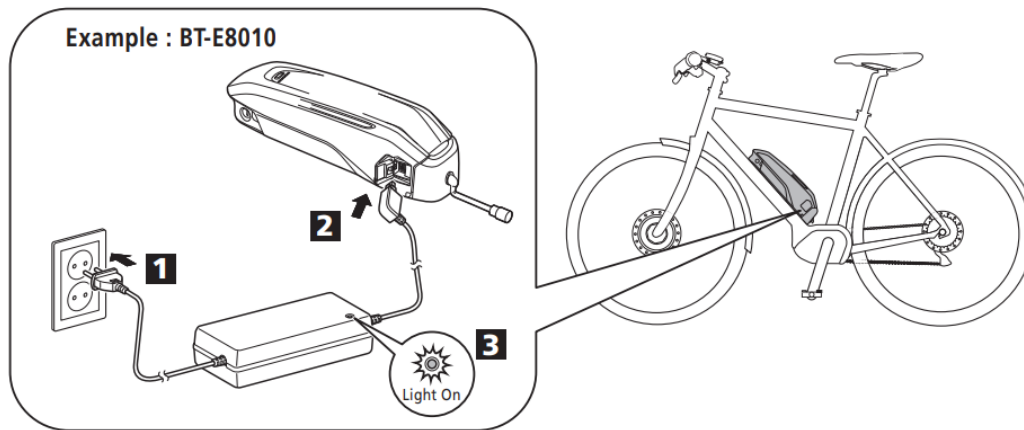
PLEASE NOTE:

Charging can be carried out at any time regardless of the amount of charge remaining, but you should fully charge the battery at the following times. Be sure to use the special charger when recharging the battery at these times.

- The battery is not fully charged at the time of purchase. Before riding, be sure to charge the battery until it is fully charged.

If the battery has become fully spent, charge it as soon as possible. If you leave the battery without charging it, it will cause the battery to deteriorate.

- If the bicycle will not be ridden for a long period of time, store it away with approximately 70% battery capacity remaining. In addition, take care not to let the battery become completely empty by charging it every 6 months.

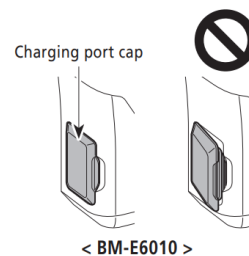
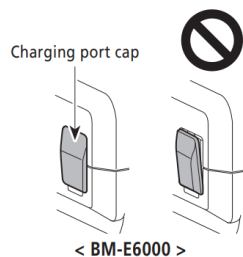


06 CHARGING

6.1 WALK THROUGH

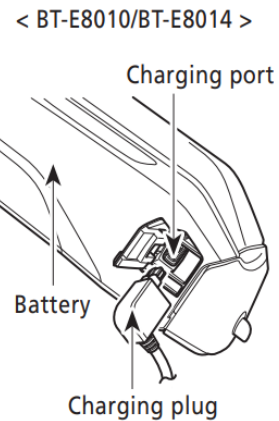
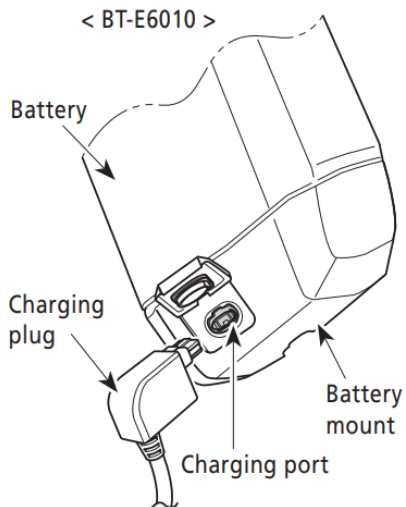
Charging the battery while installed on the bicycle

- Place the battery charger on a stable surface such as the floor before charging.
 - Stabilise the bicycle to ensure that it does not collapse during charging.
1. Connect the battery charger power plug to the outlet.
 2. Connect the charging plug to the charging port on the battery mount or the battery.



After charging, close the charging port cap securely.

< BT-E6010/BT-E8010/BT-E8014 >



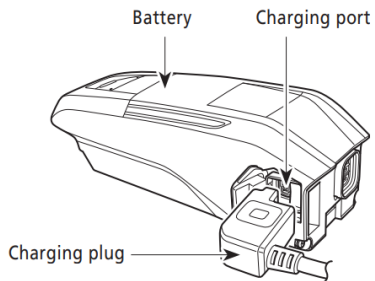
06 CHARGING

6.1 WALK THROUGH

Charging the battery removed from the bicycle

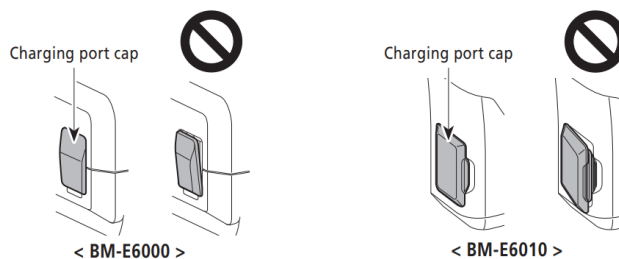
- Place the battery charger on a stable surface such as the floor before charging.
- 1. Connect the battery charger's power plug to the outlet.
- 2. Connect the charging plug into the battery's charging port.

< BT-E8010/BT-E8014 >

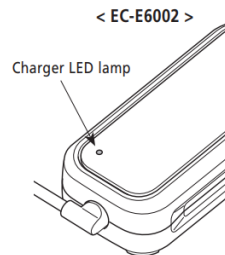
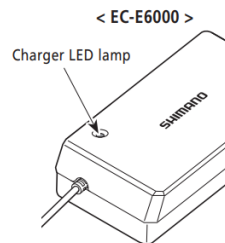


After charging has started, the LED lamp on the charger will light up.

| | |
|-----------------|----------------------|
| ● Lit up | Charging |
| ☀ Blinking | Charging error |
| ● Turned off | Battery disconnected |



After charging, close the charging port cap securely.



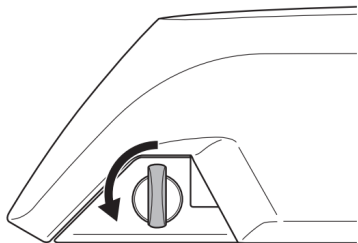
07 BATTERY HANDLING

7.1 BATTERY REMOVAL

1. Insert the Key.

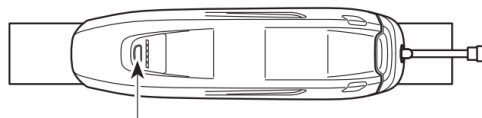
Turn off the power, then insert the key into the key cylinder in the battery mount.

2. Turn the key until you feel some resistance.

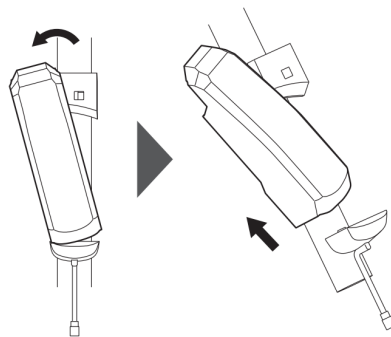
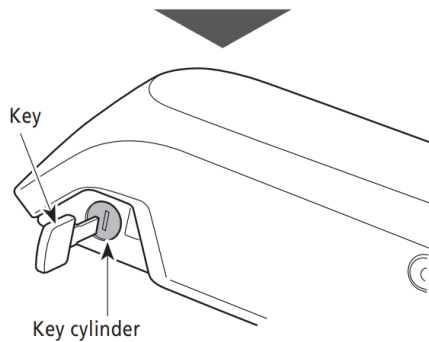


3. Remove the battery

- Slide the battery, then remove it carefully.
- You can remove the battery only when the key is in the unlocked position.



Push power button to turn off the power.



07 BATTERY HANDLING

7.2 BATTERY INSTALL

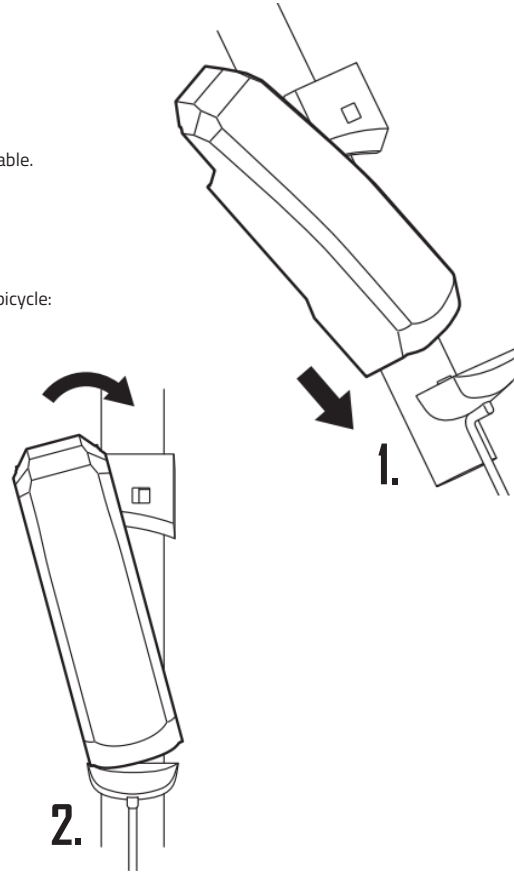
Installing and removing the battery

The battery is secured to the battery mount with the key.
The following description may not be applicable, as different types of keys are available.

!CAUTION!

- Hold the battery firmly and be careful to prevent dropping when installing.
- Pay attention to the following to prevent the battery from falling while riding the bicycle:
 - Make sure the battery is locked securely on the battery mount.
 - Do not ride the bicycle with the key inserted.

1. Insert the battery from bottom side.
 - Align the indentation in the bottom of the battery with the protrusion on the battery mount.
2. Slide the battery.
 - Push in the battery until there is a click.
3. Remove the key.
 - Return the key to the locked position and then remove the key.



07 BATTERY HANDLING

7.3 BATTERY DATA & SPECIFICATION

| | | | |
|---|--|------------------------|--|
| Operating temperature range: During discharge | -10 – 50°C | Battery type | Lithium ion battery |
| Operating temperature range: During charging | 0 – 40°C | Nominal capacity | Please read the SHIMANO STEPS special battery and parts user's manual. |
| Storage temperature | -20 – 70°C | Rated voltage | 36 V DC |
| Storage temperature (Battery) | -20 – 60°C | Drive unit type | Midship |
| Charging voltage | 100 – 240 V AC | Motor type | Brush-less DC |
| Charging time | Please read the SHIMANO STEPS special battery and parts user's manual. | Rated drive unit power | 250 W |

You cannot use the battery immediately after shipment.

The battery can be used after charging it with the designated charger.

Be sure to fully charge it before use. The battery can be used when the LED on it lights up.

Please read the SHIMANO STEPS special battery and parts user's manual for the latest information about charging and handling the battery.

ATTENTION

- When removing the battery charger power plug from the outlet or the charging plug from the battery, do not pull it out by the cord, or it could cause breakage.
- If the bicycle is stored for an extended period of time immediately after purchase, you will need to charge the battery before using the bicycle. Once the battery is charged, it starts to deteriorate.
- Connect to E-TUBE PROJECT and click [Connection check] to confirm whether the battery in use is a genuine SHIMANO battery or another brand.
- Charge the batteries on a flat surface indoors.





Quick Start Guide

Version 1.1