

KwikFold

KwikFold Bikes Limited, specialises in folding bikes and electric folding bikes for the UK and Europe.

Here at KwikFold we want to redefine the way people cycle. What makes us different? The hint is in the name; KwikFold Bikes are the quickest-folding bikes on the market. Our bikes can fold up in just 2 seconds, making them perfect for commuting and storage. With the assistance of an electric motor there's no need to struggle up hills, encouraging people to cycle more.

We want to make journeys easier and more enjoyable, get more people riding bikes and do our part to protect the environment.



KwikFold Xite Manual

KWIKFOLD BIKES LTD

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INTRODUCTION

Before using your KwikFold bike, please read this manual in full. While this manual is intended as a guide, it is not a comprehensive guide to cycling or bicycle maintenance.

Your KwikFold bike is designed for use on roads and well-made paths, carrying a maximum load not exceeding 110kg (rider and luggage weight included). It is not intended for stunts, cross-country riding or extreme sports; this can overstress the frame, and the tyres and wheels are unsuitable. Misuse may lead to failure of some components and void your KwikFold warranty.

Before riding your KwikFold bike, for the first time and periodically thereafter, please pay close attention to the following:

- ☒ We recommend the use of an approved cycling helmet, even in countries where their use is not mandatory.
- ☒ Read and follow the national legal requirements of the country where you are riding, and comply with all applicable traffic laws.
- ☒ In rain, the brakes may be less effective and roads more slippery so brake sooner.
- ☒ When riding in the dark, wear reflective clothing and use lights (front and rear); check to ensure that your lights comply with local laws.
- ☒ Check brakes, tyres and steering regularly.
- ☒ Keep brakes and gears properly adjusted and operating cables in good condition.
- ☒ Weather and terrain will affect the performance. In hilly areas or when the bike is heavily loaded there will be a significant increase in the power used from the battery and hence the range will decrease accordingly. A lightly loaded bike will achieve higher performance levels.
- ☒ The bike may be ridden in wet conditions, but when cleaning or washing the bike, do not use a hose or powerwasher and avoid soaking the electrical components



Product Specifications

Size Open (electric/non-electric) :	62 x 110 x 130 cm / 60 x 110 x 130 cm
Size Folded:	82 x 30 x 110 cm
Weight (without battery):	20 kg
Maximum load:	110 kg
Gears:	Shimano 6 speed
Brakes:	Front & Rear Disc Brake
Battery Type:	Lithium
Battery Weight:	2.2 Kg
Range:	Up to 20 mi
Power Supply:	36v 8Ah
Charging time:	2-3 hours
Motor Type:	36v, 250w, Brushless
Maximum Motor Speed:	10-12 mph (Please note, the weight of the user, the road surface and terrain may affect this speed.

UNFOLD:

Step 1:

Unlock the frame by lifting the FRAME LOCKING LEVER upwards.

Step 2:

With one hand on the HANDLE BAR and the other hand on the SADDLE, unfold the frame by moving the HANDLE BAR and the SADDLE outwards away from each other



Step 3:

Ensure the frame has fully unfolded all the way. Lock the frame open by pushing the FRAME LOCKING LEVER downwards. This will prevent the frame from unintentionally refolding during use.



FOLD:

Step 1:

Unlock the frame by lifting the FRAME LOCKING LEVER upwards.

Step 2:

To fold the frame, pull upwards on the CARRY HANDLE. Ensure the frame is fully folded by pushing the SADDLE and HANDLE BAR together towards each other.



Step 3:

Lock the frame in the folded position by pushing the FRAME LOCKING LEVER downwards, ensuring a latch onto the SEAT POST. This will prevent the frame from unintentionally opening during use.

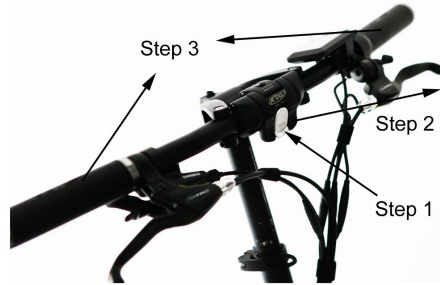


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Handle bar

The HANDLE BAR is secured via a central HANDLE BAR LOCKER.

Press the RELEASE BUTTON(Step 1) to unlock and lift the HANDLE BAR LOCKER upwards (Step 2). This will allow the HANDLE BARS to be folded inwards (Step 3) for easy storage.



Pedals

For easy storage, fold pedals by squeezing the pedal inwards, followed by turning the pedal through 90 degrees.

To unfold, simply push the pedals back out until they click into place.

Note: Always check that the pedals are unfolded before riding.



Handle bar & Seat height adjustment

The handle bar and seat height can be adjusted by opening/closing the SEAT CLAMP.

For easy storage, adjust the handle bar and the seat height to its lowest position.

Note: When raising the height, do not expose the safety line on the seat post.



Turn on Electric

Connect the battery by sliding it (to the right) into place. Lock the battery by inserting the key and turning clockwise.

Activate the battery by pressing the power switch. Ensure there is sufficient power remaining either by checking on the power display on the battery or on the LCD.

Note: When the bike is not in use, please switch off the battery to prevent power consumption and to protect the battery.



Turn on LCD

Switch on the LCD and electric functions by holding the 'M' button for 3 seconds. Switch off the LCD by doing the same.

The LCD shows the charge remaining in the battery. The indicators will gradually go out as the battery power is used up.



Lights

The front light is powered by the main battery and is switched on by press and hold '+' button for 3 seconds

Bell

A bell is fitted on the left hand brake of the left HANDLE BAR.



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Pedal assistance

There are 5 levels of pedal assistance available from the motor. Using the '+' and '-' buttons you can select from level 1 (LOW) to 5 (HIGH). The motor will then be activated upon pedalling. There is a rotation sensor located near the crank which senses when the pedals are being used.

If the assistance level is set to 0, (OFF) then the motor will not be turned on. Your KwikFold bike will now act and feel like a normal bicycle.

Tip: This is useful when you are feeling fit at the start of a journey or using your bike for exercise purposes. Power is still only a button press away, or available via twisting the throttle.

Cruise/Walking mode

In this mode the bike will cruise along at a constant 5 mph without the need for pedalling or using the throttle. To enable, hold the '-' button for a 2 seconds.

The mode can be disabled by braking or holding the '-' button again for 3 seconds.

Tip: This mode is useful for when you are walking and allows you to push the bike along effortlessly, e.g. uphill. Alternatively, you can use it to cruise along and admire scenic areas without having to pedal or control the throttle.



Throttle (Twist and Go)

WARNING: For some countries in the EU, Throttle Control may be subjected to type approval or other traffic regulations. You may only be allowed to use it on a private land. Please check with your local authority.

The throttle will be available to purchase as an extra from Kwikfold website.

The throttle will propel the bike forwards without the need for pedalling. To activate, twist the throttle upwards. The throttle can be applied with or without pedal assistance turned on.

Use the throttle control gently. A small twist will apply a small amount of power. Twisting more will increase the power until the control is fully rotated at which point full motor power will be applied.

When solely using the throttle, the top wheel spinning speed can reach up to 15.5 mph (25 km/h). With a rider on the bike, an average speed of 10~12mph (16 km/h-19 km/h) can be reached. Please note, the weight of the user, the road surface and the terrain may affect this speed.

Tip: A handy way to use the throttle is to pull away from junctions, or when starting on inclines as the rider will pull away easier and is less likely to wobble. It can also be very useful for pulling out and overtaking slower cyclists smoothly and quickly.



Battery charging and care

The battery can be charged on or off the bike. To remove the battery, unlock by turning the key anti-clockwise then slide the battery outwards. When refitting the battery ensure that it is fully seated and locked back into position using the key.

Switch off the battery before charging.
Plug the charging lead into the battery.
Plug the charger into the mains socket and switch on at the wall outlet. The light on the charger will illuminate after a few seconds.

Note: It is important to plug the charger into the battery before switching on at the mains. Similarly, switch off at the mains before unplugging the charger from the battery.

The light will show RED whilst charging is taking place. This may take up to 4 hours for a flat battery. When the battery is charged the RED light will change to GREEN. Once charged, switch off at the wall outlet and unplug. The battery does not have to be completely discharged before it is recharged. The Lithium battery has no "memory" and therefore can be charged at any time.

It is perfectly acceptable to recharge the battery after a short ride so that the battery is fully charged before the next ride. If your KwikFold bike is not in use for an extended period it is imperative that you charge the battery before storage and then charge the battery once a month to prevent deterioration.

When not in use, store the battery in a warm, dry place.
If Lithium batteries are left flat for an extended period then they may no longer be functional and a new replacement will be required.
With correct user care as outlined above your battery should give many miles of assisted riding. Failure to follow this procedure may invalidate your battery warranty.



General Maintenance

Tyre Pressures

Keeping your tyres well inflated is highly recommended. The tyres should be inflated up to within the range stated on the tyre sidewall. This should be regularly checked as running with the correct pressures will ensure maximum range from the battery. Soft tyres increase pedalling effort, wears tyres down quickly and has an adverse effect on handling.

Recommended checks and inspections

You should adjust your brakes on a regular basis as they are critical to your safety. The time between adjustments will vary depending on how often you use your KwikFold; if your brake lever touches the handle bar when you pull on it, your brakes need urgent adjustment. Replace if worn out.

Lift the front wheel and turn handlebars left and right to check for tightness of steering. If tightness is detected it may be necessary to lubricate bearings and/or adjust the headset.

Check cables for rust, kinks and fraying, have your dealer replace them if necessary.

If your KwikFold bike has spoke wheels, squeeze the spokes in adjoining pairs between your thumb and index finger. They all should have the same tension. Have your dealer re-spoke or true the wheel if necessary.



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Warranty

Bikes are covered by a limited warranty. In order to make a valid warranty claim, you will need to either register your bike by visiting www.kwikfold.co.uk/warranty, or to keep your purchase receipt as proof of purchase date.

The statutory warranty valid at the time of delivery applies to:

- Frame : 3 years
- Wheels: 3 years
- Motor: 1 year
- Battery: 1 year
- Electric wires: 1 year

Warranty conditions:

If your KwikFold bicycle has a manufacturing defect, we will replace the defective part free of charge if we are notified within two years of the date of first purchase of the bicycle.

Warranty exclusions

- Damage caused by improper use or force majeure
- All parts subject to function-related wear and tear, unless this is the result of a defect in the manufacturing process or material
 - Damage which results from improper or insufficient care and repairs, alterations or the replacement of parts by persons other than trained professionals
 - Accidental damage or other external effects, provided these are not the result of defective products or information
- Repairs resulting from the use of second-hand parts or damage caused by this use
- Damage resulting from competitive use
- Special fittings, accessories or non-standard components, especially technical modifications
- Observing the required service intervals is also a condition of any warranty claim you may make

The following are considered wear parts under the statutory warranty:

- Tyres
- Rims in combination with rim brakes
- Spokes
- Brake pads
- Chains and toothed belts
- Chain wheels, sprockets, bottom brackets and jockey wheels
- Sliding bearings/bearings
- Lamps for lighting system
- Handlebar tape/handle grips
- Hydraulic oils and lubricants
- Gear-shift cables and brake cables
- Paint finishes
- Batteries (depletion of capacity to 60% is acceptable within first two years)



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