



KYMCO

K-Lite FE | K-Lite F

USER MANUAL



Model No: EQ10EA (UK) & EQ10EB (UK)

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I. INTRODUCTION

Please read and follow all instructions in this manual before attempting to operate your electric scooter for the first time. If there is any information in this manual, which you do not understand, or if you require additional assistance for assembly or operation, please contact your authorized local dealer.

To use your product safely depends on whether you strictly follow the WARNINGS, attention and operating instructions in this manual. The company shall not be responsible for any injury or damage caused by non-compliance with the WARNINGS, attention and operating instructions. The symbols below, in this manual, are used to identify WARNINGS and important information.

All of them are very important to your safety. It is strongly recommended that you read and understand all of them completely.

This product integrates advanced technology with modern style. It is ideal for quick dis-assembly and assembly and is very convenient for you to store or place in the boot of your vehicle while traveling. We are certain that the design features, excellent performance and trouble-free operation of this product, will ensure your daily life will be more convenient.

This electric scooter is suitable for driving indoor and on flat pathways near buildings, but not on grass, gravel roads, large slopes, motorway and not in rain or snow.



WARNING!

Failure to heed the WARNINGS in the manual may result in personal injury.



Attention!

Failure to heed the attention in the manual may result in damage to the scooter.

INTENDED PURPOSE

This electric scooter is suitable for the disabled and elderly with good cognitive skills and difficulty of movement.

We reserve the right to change and update this manual without prior notice.

The manual will help you understand the function of the scooter. In addition, it also describes the operation, maintenance and repair. Any other questions, please contact your dealer or retailer.

SAFE USE AND ATTENTION



WARNING!

To ensure your safety, please read and understand this manual. You must have a high level of alertness, when driving any scooter, to ensure safety.



WARNING!

Please observe the WARNINGS below to avoid any damage or injury resulting from improper use of your scooter. The scooter user is responsible for taking proper safety measures. We will not be liable for personal injury and/or product damage resulting from improper use of the scooter. Obey all local pedestrian traffic rules. It may be difficult for others to see you when you are seated on your scooter. Wait until your path is clear of traffic, and then proceed with extreme caution. Use of safety devices such as reflectors, reflective clothing, lights and safety symbols is very important for your safety while driving.



WARNING!

Please consult your healthcare professionals routinely to ensure there are not health or physical conditions that may limit or impair your ability to safely operate your scooter. Consult your physician if you are taking prescription or over-the-counter medication or if you have any physical limitations. Some medications and physical limitations may impair your ability to safely operate your scooter.



WARNING!

Do not operate your scooter while you are under the influence of alcohol, as this can impair your ability to safely operate your scooter. Every scooter is different. Take the time to learn how to operate it properly, before you start driving.

**WARNING!**

Anti-tippers reduce your risk of tipping over backwards, which can cause you serious injury.

**WARNING!**

NEVER try a new manoeuvre on your own.

**WARNING!**

Do not use the scooter other than for its original purpose. Avoid any use, such as weight training, sports and athletics, hauling, moving or towing anything, that may lead to safety hazards and undue stress on the scooter.

**WARNING!**

Never sit on the scooter while it is in a moving vehicle.

**WARNING!**

Your scooter is designed for one passenger only. Do not carry passengers on your scooter!

**WARNING!**

We strongly recommend that you do not smoke cigarettes while seated on your scooter. You must adhere to the following safety guidelines, if you decide to so: Keep ashtrays a safe distance from the seat cushions. Always make sure cigarettes are completely extinguished before disposal.

**WARNING!**

Sit down as far back on the seat of the scooter as possible, when getting on/off it. Otherwise, it may result in a fall from the scooter and personal injury.

WARNING! Do not use the armrests for any weight bearing purposes. Such use may cause the scooter to tip, which may result in a fall from the scooter and personal injury.

WARNING! Do not focus your weight on the footrest. Such use may cause the scooter to tip, which may result in a fall from the scooter and personal injury.

**WARNING!**

Do not use the scooter in the “freewheel” mode, without an accompanying person helping you, this could cause personal injury.

WARNING! When sitting in the scooter, please do not move by yourself, which may cause personal injury. Ask your accompanying person for help if necessary.

WARNING! Never place the scooter in “freewheel” mode on any slope, it will cause rolling away and personal injury.

**WARNING!**

The addition of accessories to your scooter may change certain specifications such as overall weight, size, and/or center of gravity of your scooter. Please note some of the changes may damage any objects around you.

**WARNING!**

Do not modify your seat specification. Do not place any padding or pillows on it. This could cause an unstable seating position, resulting in a fall from the scooter.

**WARNING!**

Be careful when using oxygen near electrical circuits or flammable materials. Please contact your oxygen supplier about the safety use.

**WARNING!**

Do not change the controller settings. Please contact your service provider to carry out inspections every 6 to 12 months. If you find any functions have changed, please contact your service provider.

**WARNING!**

EMI-RFI

This product has been tested and has passed, at an immunity level of 20V/m. Please refer to user's manual for more information.

**WARNING!**

An uncompleted folding procedure will damage or injure your scooter and could also injure a person.

**WARNING!**

Do not hold or lean on the handlebars when you get up!

**WARNING!**

The scooter may come to a sudden stop at any time during operation. Do not operate the scooter if it is behaving abnormally or irregularly.

**WARNING!**

To prevent the scooter from losing control and moving on its own, do not place the scooter in "freewheel" mode on any ramp.

**WARNING!**

If you expect to sit in a fixed position for a long time, please turn off the power, to prevent the scooter from moving accidentally.

**WARNING!**

Avoid any accessories that may interfere with the drive lever operation, otherwise it may cause the scooter to move unexpectedly, accidentally.

**WARNING!**

Keep yourself, your clothing, and all other objects away from the tyres while driving. Do not allow any objects to drag behind the scooter when driving.

Loose-fitting clothing or other objects can get caught in the tyres, wheels and/or the running gear.

**WARNING!**

Do not connect any other devices to the electronic system of this scooter, or start any other devices with the scooter's battery.

**WARNING!**

Keep the terminals of the charger connector clean and dry, away from damp sources, to prevent damage of the electrical system and/or personal injury.

**WARNING!**

The correct storage temperature of the scooter is 15 deg ~ 40 deg. It will damage the function of the scooter with long-term storage in low or high temperature environments.

**WARNING!**

Always check the electrical components for corrosion, wear or damage, all wiring and terminals for breakage, and replace if necessary.

**WARNING!**

Always secure the scooter and its battery when it is being transported. The battery should be removed from the scooter, packed and placed separately. Do not transport the scooter and/or batteries with any flammable items.

**WARNING!**

When the battery is out of order, please do not detach and repair it by yourself. Please ask the technical service personnel, authorized by the company to repair or replace the battery.

**WARNING!**

Do not operate the scooter during charging.
Please select a battery type and capacity according to the specifications provided in the user manual.

**WARNING!**

Please use the replaced battery provided by the authorized supplier to ensure correct compliance and function.

**WARNING!**

Always protect the batteries from freezing; for those living in cold climates, make sure you store the scooter properly. Never charge a frozen battery. Charging a frozen battery may result in damage to the battery.

**WARNING!**

Do not operate the scooter with depleted batteries; you could be stranded.

Reduce your speed, do not make any sharp turns and maintain a stable center of gravity while turning/cornering. To prevent tipping, avoid shifting your weight in the opposite direction of the turn. **WARNING!** While driving up inclines or dropped curbs, drive your scooter straight on with the wheels perpendicular to the incline and/or curb; both front wheels should contact the incline/curb at the same time. To reduce the possibility of falling, do not drive at an angle; do not get one wheel or side of the scooter on the incline/curb first. Always exercise extreme **ATTENTION** when negotiating an incline.

**WARNING!**

Do not drive the scooter on potentially dangerous roads or slopes, including but not limited to roads covered with snow, ice, grass or leaves.

**WARNING!**

Use minimum speed when driving down any ramp. If the descending speed is faster than expected, please release the operating lever to stop the scooter, and then gently press the lever to control the descending speed.

**WARNING!**

The recommended maximum climbing angle, (See table of parameters) was tested in a controlled environment. Your scooter's ability to climb is influenced by your weight, your scooter's speed, and the angle at which you approach the slope.

**WARNING!**

You can only back up on flat roads. When backing up, please operate smoothly at low speed. Please stop frequently to make sure there are no obstacles on the road. To prevent overturning, do back up slopes.

**WARNING!**

In order to avoid overload and possible overturning of the scooter, please do not carry any articles exceeding 15lbs (6.8kg).

**WARNING!**

When sitting on your scooter, avoid any movement that changes the position of your body's center gravity. This may cause the scooter to tip.

**WARNING!**

A small drop (greater than 1 inch) at the bottom of a ramp can block the main front wheel, causing the scooter to tip or stop suddenly.

**WARNING!**

Do not reach over the seat or lean over. This can damage the backrest and cause you to fall.

**WARNING!**

Do not use the armrests for any weight bearing purposes. Such use may cause the scooter to tip, which may result in a fall from the scooter and personal injury.

**WARNING!**

Do not focus your weight on one side of the foot area. Such use may cause the scooter to tip, which may result in a fall from the scooter and personal injury.

**WARNING!**

Even if your scooter can cross over very high obstacles, we recommend that do not attempt to cross heights greater than 25mm. This operation can cause the scooter to be unstable. Riding a scooter over an obstacle can cause the scooter to roll over, causing serious physical injury. Ask for help if you have any concerns about safely crossing an obstacle. Please pay attention to your skills and personal limitations. You may need to remove or cover thresholds and install ramps at exits and entrances to help you.

**WARNING!**

Do not attempt to climb over obstacles on slopes.
Do not rely on one wheel to cross over any obstacles.

**WARNING!**

Do not drive on uneven terrain and/or soft surfaces.
Do not drive near tall grass that can entangle the running gear.

**WARNING!**

Avoid driving on loosely packed gravel and/or sandy surfaces.

**WARNING!**

Do not use your scooter on or near railroad tracks or crossings.

**WARNING!**

Do not ride your scooter closely along the edges of streams, lakes, or the ocean. Never use your scooter to cross waterways.

**WARNING!**

Do not expose your scooter to open flames.

**WARNING!**

Keep your scooter in a dry and clean condition. Never take your scooter into a shower, tub, pool, or sauna. Rain, snow, salt, mist/spray conditions, and icy/slippery surfaces can damage the scooter's components or cause the scooter's frame to prematurely rust.

**WARNING!**

Avoid prolonged exposure to over heat or cold; it may affect the upholstery and non-upholstered components on the scooter, as well as damage to battery and battery components.

**WARNING!**

Do not tow your scooter. Towing may exceed the maximum speed threshold, resulting in damage to critical components of the scooter.

**WARNING!**

Be extra careful when moving a free scooter up and downstairs. The scooter must be folded and several people with physical strength may need to be involved.

**WARNING!**

Do not use scooters over stairs or escalators.

**WARNING!**

Never sit on the scooter while it is in a moving vehicle.

**WARNING!**

To make a safe transfer: Always turn off the power before you transfer to or from your scooter. If you fail to do so you may touch the throttle control lever and cause your scooter to move when you do not expect it to. Make sure the “freewheel” lever is engaged; this keeps the scooter from moving when you transfer. You can drive the scooter into an elevator, for upstairs and downstairs. When in the elevator, do turn off the scooter power and sit stably to ensure it does not move.

**WARNING!**

Do not place the scooter in the front seat of a vehicle during transportation. It may move and disturb the driver.

**WARNING!**

Always lock the scooters, so that it cannot roll or move.

**WARNING!**

Try not to fold your scooter on large slopes!

**WARNING!**

Be sure to keep a safe distance from your when unfolding and folding your scooter, to avoid injury!

**WARNING!**

When the scooter is not in use, it is advised to remove the battery.

**WARNING!**

Please contact your service provider if any spare parts on the seating system are loose. Replace worn or damaged upholstery immediately.

**WARNING!**

Please note that washing upholstery items may reduce the flame retardancy of the fabric.

**WARNING!**

Do not hang any items on the handlebar.

**WARNING!**

Remove the charger when the battery is fully charged.

**WARNING!**

After adjusting the armrests and before using, make sure they are fully secure and in place, before use to avoid any danger.



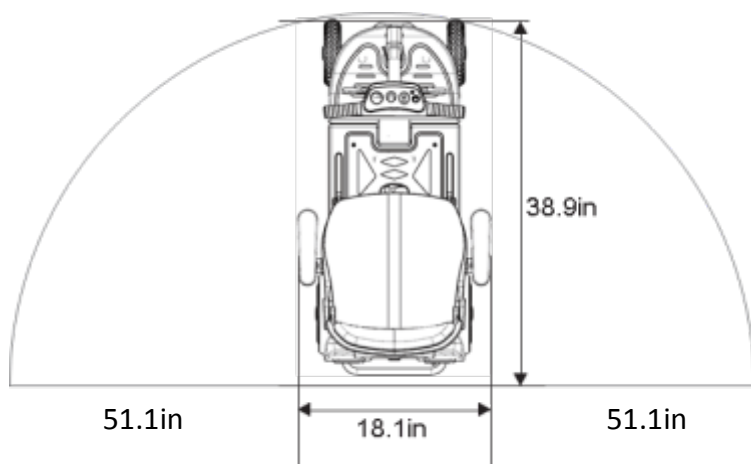
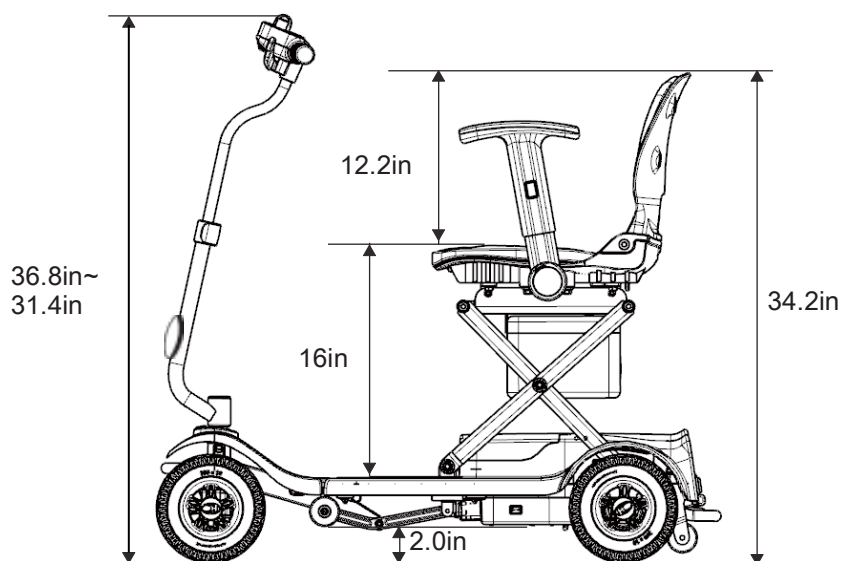
WARNING!

Radio wave sources, such as radio stations, TV stations, amateur radio (HAM) transmitters, two-way radios, and cellular phones, can affect motorized scooter controls. Following the warnings listed below should reduce the chance of unintended brake release or scooter movement, which could result in serious injury.

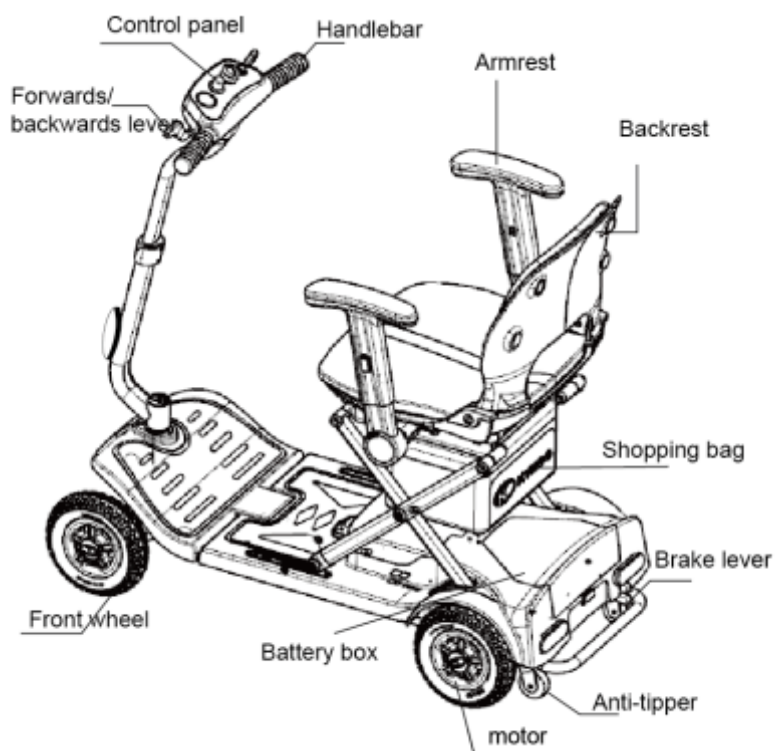
- 1). Do not turn ON hand-held personal communication devices, such as citizens band (CB) radios and cellular phones, while the scooter is turned ON.
- 2). Be aware of nearby transmitters, such as radio or TV stations, and try to avoid coming close to them.
- 3). If unintended movement or brake release occurs, turn the scooter OFF, as soon as it is safe.
- 4). Be aware that adding accessories or components, or modifying the scooter, may make it more susceptible to interference from radio wave sources (Note: There is no easy way to evaluate their effect on the overall immunity of the scooter).
- 5). Report all incidents of unintended movement or brake release to your approved service provider, and note whether there is a radio wave source nearby.

II. SPECIFICATION

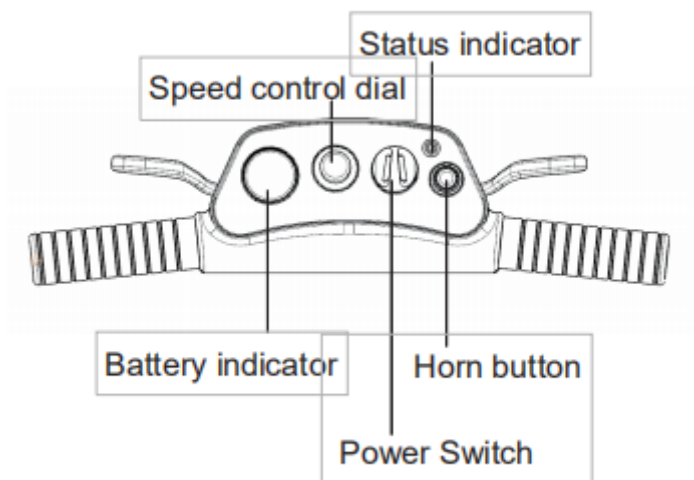
Model Name	K-Lite FE / K-Lite F EQ10EA(UK) / EQ10EB (UK)
Maximum weight capacity	19 stones (120kg)
Overall height (highest - lowest)	36.8" (935mm) - 31.4" (800mm)
Overall length	38.9" (990mm)
Overall width	18.1" (460mm)
Drive System	Direct drive rear wheels
	(with differential gear)
Lithium Battery	24V 10Ah
Battery charger	Off-board
	Input voltage: 100-240VAC
	Output voltage: 24VDC
	Output current: 2A
Front wheel	Solid 8" / 200mm
Rear wheel	Solid 8" / 200mm
Maximum incline angle	8 degree
Per-charge Run distance Energy Consumption (Max Range) (Max permitted user weight)	9.3 miles / 15km (max 120kg)
Scooter weight (no battery & seat) / complete scooter	22.2 kg / 29.6 kg
Maximum Forward speed	4 mph (6.4 kph)
Maximum Backward speed	2.8 mph (4.5 kph)
Turning radius	51.1 in (1300mm)
Saddle width / depth / height	12.9" x 15.7" x 12.5" 330mm x 400mm x 320mm
Folding Method	Electric (FE) / Manual (F)



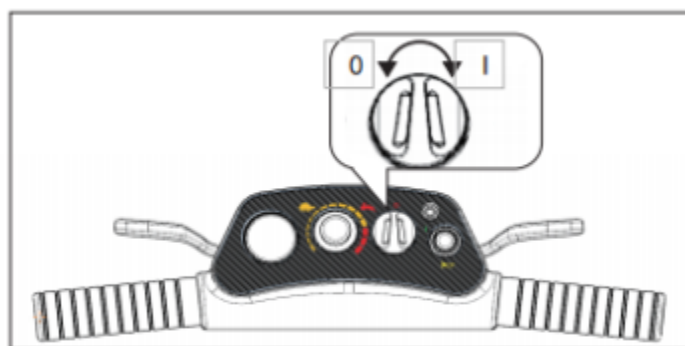
III. GETTING TO KNOW YOUR SCOOTER



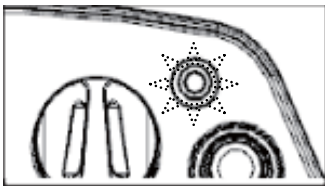
1. CONTROL PANEL



Insert the key and turn right to “I” then the scooter is powered on.
Turn it left to “0”, the scooter is powered off.



Note: If the power indicator flashes when the power switch is turned on, there may be a low battery or an error. Please recharge or turn off the scooter and contact your approved service provider.

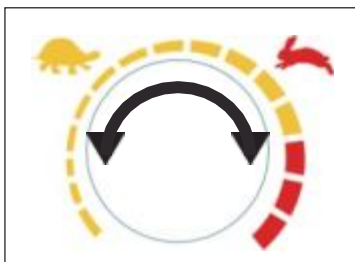


1.1 SPEED CONTROL DIAL

Located in the center of the control panel. It is designed as a master speed limiter, to enable you to adjust the overall speed for forwards & reverse driving, when operating the drive lever.

You can also adjust your speed by the amount of drive lever control you apply. Adjust your speed to suit your environment.

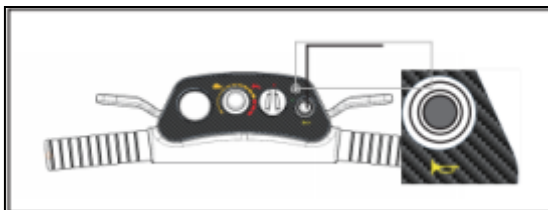
If you are not sure about the driving environment, make sure to drive at a lower speed.



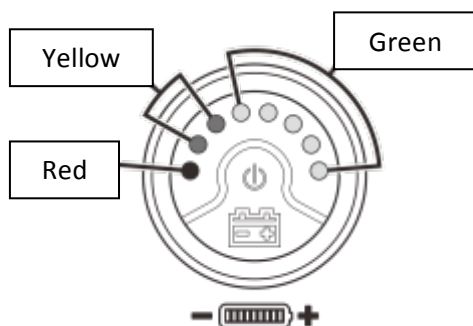
1.2 HORN BUTTON

The horn will sound an alarm when you press the button.

Please use as appropriately to prevent any accidents and injuries.



1.3 BATTERY INDICATOR



If the scooter is at rest, then usually it shows more power available than it actually has.

The battery status display may vary due to loading during driving.

If the scooter is speeding up or climbing up a hill with a heavier load, the battery indicator may show a lower status, indicating that it is not the actual battery status.

The battery must be charged immediately if only the orange or red LED light of the battery indicator is lit after driving. Otherwise, the battery will be damaged.

Note: When less than 3 LED battery lights are displayed, the battery indicator flashes, which means it needs charging.

1.4 FORWARDS/BACKWARDS LEVER



driving forwards



driving backwards

Pull the lever forwards and backwards with the index and middle fingers of your left and right hands.

Release the lever to stop the scooter completely



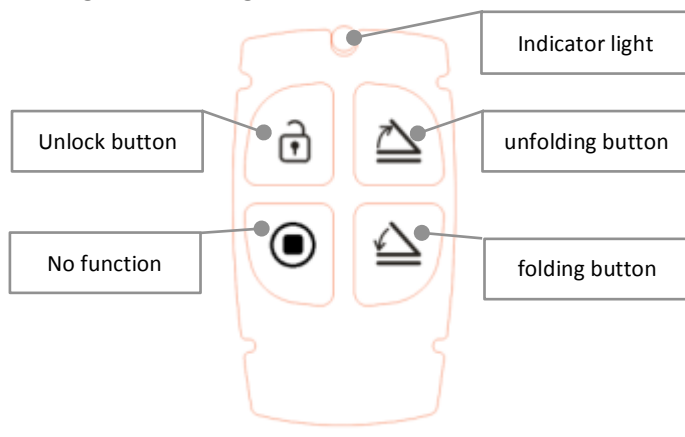
Attention!

Do not pull the both sides of the lever to avoid damage it.

1.5 WIRELESS REMOTE (for electric folding/unfolding version)

Using step:

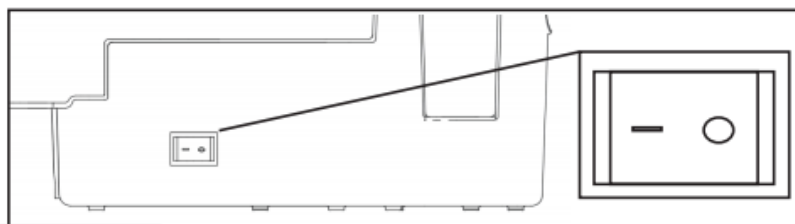
1. Press unlock button first
2. Press folding or unfolding button



If the wireless remote is damaged or lost, please contact your approved service provider for assistance in setting up and purchasing.

1.6 MAIN POWER SWITCH

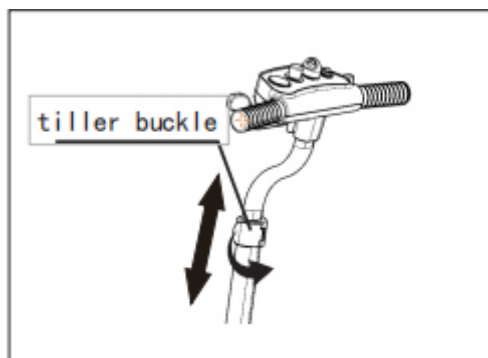
When the scooter is not used for a long time, please turn off the main power button at the bottom-underneath the scooter to “O” to avoid power standby consumption when inactive.



I: Switch on
O: Switch off

2. TILLER HEIGHT ADJUSTMENT

Adjust the tiller height according to your own needs. Firstly open the tiller buckle, then adjust the tiller up and down to the appropriate height, finally fix the buckle firmly.



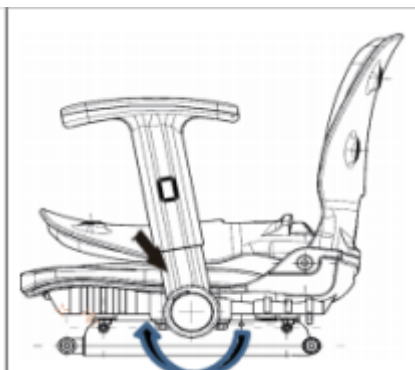
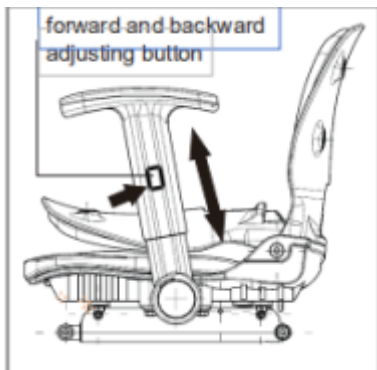
Attention!

Improper use of handlebar as a handling support is prohibited to avoid any deformation or damage.

3. ARMRESTS ADJUSTMENT :

Press the armrest button to adjust its height.

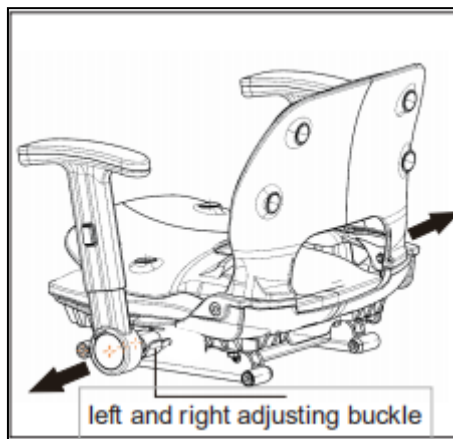
Press the lower adjusting button under to adjust the rotation angle.



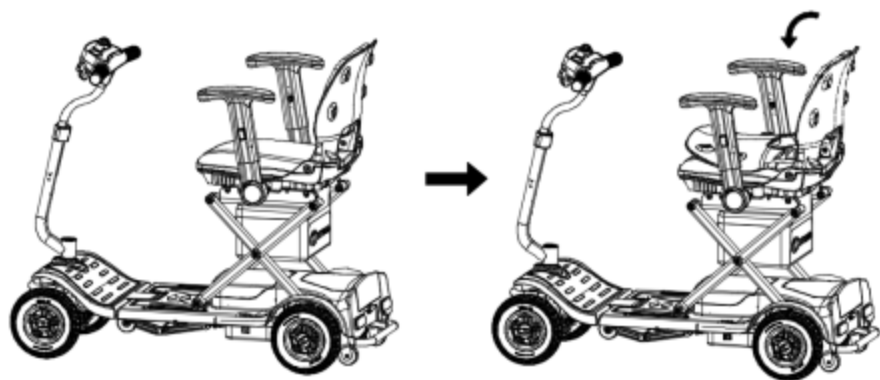
**Attention!**

Make sure the armrest is firmly in place then use the scooter to avoid any possible danger.

Unlock the adjusting buckle under the armrest to adjust the width between the armrests.

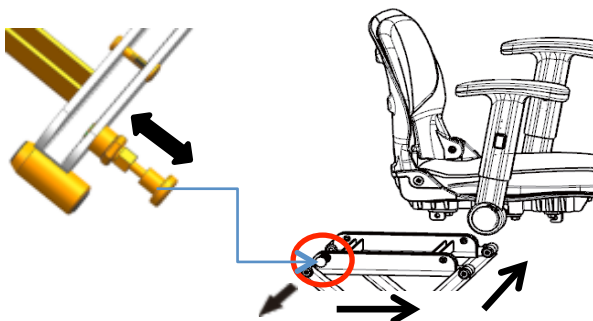
**4. BACKREST FOLDING**

Fold the backrest down by hand.



5. SEAT DETACHING

Pulls out the release pin, as shown in the picture, slide the seat forwards to the removal slot, and lift to remove the seat.



Note: Avoid removing the seat too fast, to avoid dropping it, or loosing your balance. When re-assembling, align the seat with the slot carefully and lock it in place, make sure the release pin is back in place, try to move the seat forwards / backwards to check it is secure, before sitting on the seat again.

6. STORAGE OF BATTERY PACK

As shown in the picture, press the push-pin at the front of battery box to pop up the cover and then store the battery in it.

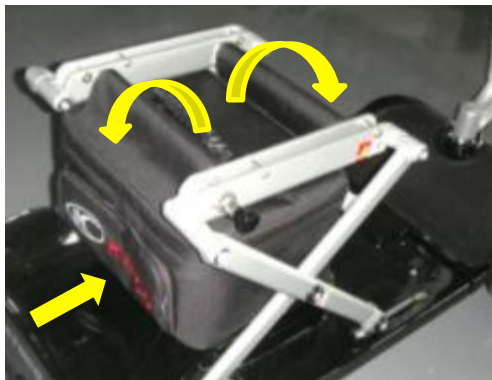


7. SEAT BAG INSTALLATION & REMOVAL

Before installing the seat bag, please remove the seat. Refer to section 5. SEAT DETACHING to remove the seat.

1. The longer cloth with Velcro on the seat bag should be in front
2. Put in the seat bag forward from rear side of the vehicle
3. Tear the Velcro open.
4. Wrap the front and rear brackets with front and rear clothes as in the following picture and close the velcro.

***Remove in the reverse order of work**



Attention!

- The loading weight should not be over 1kg.
- Do not put objects in, larger than the bag or the riding safety may be affected.
- Do not put in sharp objects or the bag may be punctured.
- Do not put in wet object or the bag may get damaged or soiled.
- Do not leave valuable objects in the bag, no anti-theft function.
- Make sure the zipper is closed after putting objects in or the item may drop out during riding.
- Replace the velcro when it loses its gripping properties.
- Replace the zipper when it is broken.

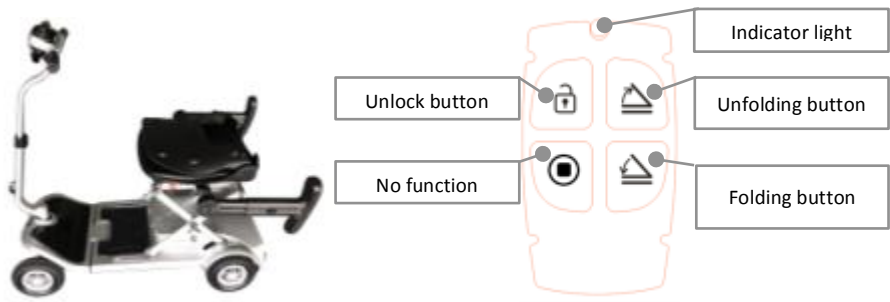
IV. FOLDING INSTRUCTIONS:

4.1 ELECTRIC VERSION_K-Lite FE

Before folding and unfolding operation: the on-off switch must be in the state of KEY- OFF. The scooter must be in the normal operating position i.e. 4 wheels on the ground with the backrest folded down and the armrests flipped backwards.*Please take off the seat bag before folding*

4.1.1 REMOTE CONTROL OPERATION:

- (A) Press the unlock button. The unlocking is successful after a beep. 【The button will be locked again if no operation occurs within 30 seconds】
- (B) Unfolding: Long press on the unfold button of the remote to start unfolding. 【stopping is immediate whenever the button is released】
- (C) Long press the fold button of the remote to start folding. 【stopping is immediate whenever the button is released】
- (D) After the scooter is fully unfolded or fully folded, there will be three beeps, to represent the completion of the unfolding / folding operation.



4.1.2 OPERATION WITH FOLDING BUTTON

- (A) Simultaneously press the red and blue buttons to unlock (the system has been successfully unlocked after one beep), then release the buttons
- (B) 【The system will be locked again if not operated within 30 seconds】
- (C) Unfolding: long press on the blue button for unfolding. 【stopping is immediate whenever the button is released】 .
- (D) Folding button: long press the red for folding.
- (E) 【stopping is immediate whenever the button is released】
- (F) After the scooter is unfolded/folded, there will be three beeps to represent the completion of unfolding/folding.





Do not drive your scooter unless it is fully unfolded and locked in place. In case of emergency, please release the button so that the scooter will stop folding/unfolding immediately. The folding function stops when charging. When folding, please do not put your hand into the scooter to avoid personal injury.

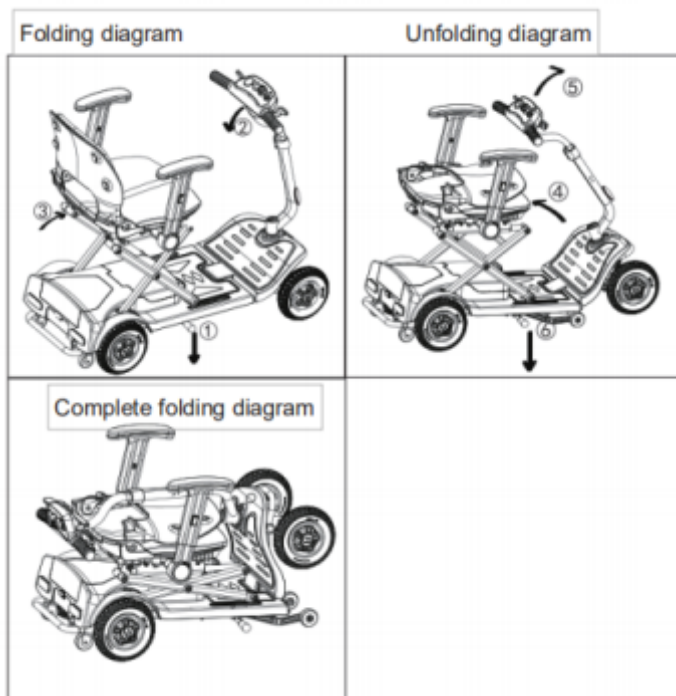


1. Do not sit on the scooter when folding operation is in progress.
2. During the folding process, foreign objects are not allowed to enter the scooter body to avoid causing fault and damage.
3. During the folding process, head, hands, feet, body and children should not approach the body of the scooter in order to avoid an personal injury.
4. **Please take off the seat bag before folding, in order to avoid any deformation and damage.**

4.2 MANUAL VERSION_K-Lite F

1. When folding the scooter, fold the backrest down first, hold the handlebars with one hand ② and put the other hand on the seat ③. Then put your foot on the deck lever ① and push the handlebars forward and backward, the scooter can now be easily folded. Finally, press the handlebar until it clicks into the locked position, folding is complete.

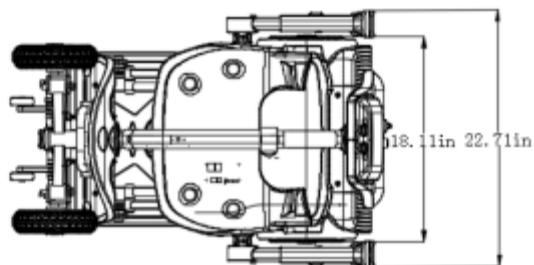
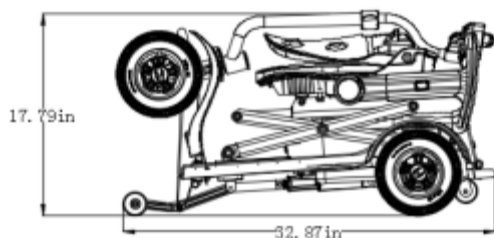
2. When unfolding the scooter, step on the deck lever ⑥ with your foot, then push the handlebars up ⑤. Finally with one hand on the seat ④, the other hand on the handlebars, open it using some strength until the you feel it lock in place, unfolding is complete.





1. Do not sit on the scooter when folding operation in progress.
2. During the folding process, make sure no foreign objects are in the scooter body, to avoid causing damage or any injury.

Folding Dimension



Moving the scooter after folding:

After folding the scooter, hold the handlebars with both hands as shown in the picture to move the scooter (you can also steer the scooter slightly to help manoeuvre it when folded).



Attention!

When the safety device detects that the scooter is in the folded position and is upright, it will turn off the power automatically. To use the vehicle, put the vehicle on the ground horizontally and with the four wheels on the ground.

The diagram of the anti-pinch position



Note:

As shown in the picture, when folding the scooter, please do not put your hand into the handlebars, seat or framework, to prevent injury.

V. PUSHING AND TRANSPORTING THE SCOOTER

1. Please carefully read the safety information in section 3 related to transportation.

PUSHING THE SCOOTER

2. In order to push the scooter, you must place the scooter in “freewheel” mode, which disengages the drive motor. The lever (1) is located at the bottom right-hand side of the scooter under the seat.



WARNING!

When the lever is pulled up in the freewheel mode, the scooter must be on a flat surface. Do not sit on the scooter.

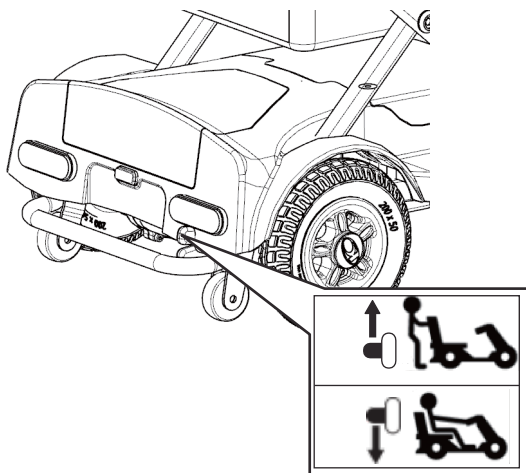
TO PUSH THE SCOOTER



= Freewheel

Mode (A) (Motor is disengaged.)

Turn off the power, pull out the key, then pull the disengage lever up to push the scooter forwards.





=Driving

Mode (B): (Motor is engaged).

Push the disengage lever down to put it back to the drive mode.

Always switch the scooter off to push it.

Do not push the scooter too fast. If a pre-set speed is exceeded while you are pushing the scooter, the drive motor will switch on an automatic braking system, which slows the scooter's push speed. After any adjustments, repair or service and before use, make sure all hardware is tightened securely - otherwise injury or damage may result.

VI. CHECK BEFORE DRIVING:

Ensure your scooter is in drive mode (not in "freewheel" mode)	Check the "freewheel" mode lever is in the pushed down position
Seat is locked into the desirable position	Move the seat forwards and backwards to ensure it is stationary.
Is the battery charged?	Check the control panel to verify the charging status of the battery
Is the brake working?	Check by driving slowly and stopping again
Are the tires and wheels undamaged?	Visual check of tires and wheels

SCOOTER OPERATION

Be sure to read "Safe Use and Attention"

Before starting to drive, adjust the seat and tiller to a comfortable position.

WARNING!

BE AWARE that becoming a capable and safe scooter operator will take time and practice.

WARNING!

Anti-tippers substantially reduce your risk of tipping over backwards, which can cause severe injury. Please observe the following tips for a safe journey:

6.1 Please note the following tips for safe traveling:

6.1.1. Your speed should match your driving environment.

6.1.2. Always reduce your speed when you are driving through:

- Unclear areas
- Narrow gaps
- Tight curves
- Inclines
- Ramps

A. Take a test drive at pedestrian-free or enclosed area.

B. Put your hands on the handlebars when driving the scooter.

C. When driving a scooter, be sure to keep your feet within reach of the foot area.

VII. BATTERY AND BATTERY CHARGING

	Corrosive chemicals contained in battery.
	Explosive conditions exist!
	Do not use batteries with different amp- hour (Ah) capacities.
	Keep tools and other metal objects away from battery terminals. Contact with tools can cause electrical shock.
	Flammable material contained in battery. Do not expose to heat sources such as open flame or sparks. Do not transport batteries with flammable or combustible items.
	Disposal and recycling - Contact your approved service provider.

New batteries MUST be fully charged (approximately 12 hours) prior to initial use of the equipment.

Always charge new batteries before initial use or the battery life will be reduced.

Usually, you should recharge your batteries as frequently as possible to assure the longest possible life and to minimize required charging time. Please charge your batteries them regularly when you do not anticipate using the equipment.



Attention!

Do not overcharge, over discharge or short circuit the battery.

Do not put the battery into the water, fire, drop or impact it.

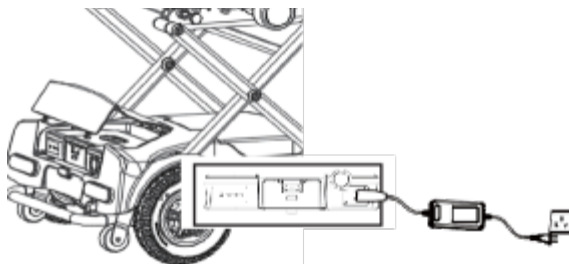
Do not detach, refit the battery, or apply any other refitted replacement.

Please use the specific charger for the lithium battery, do not use chargers for lead-acid batteries or any other chargers.

BATTERY CHARGING

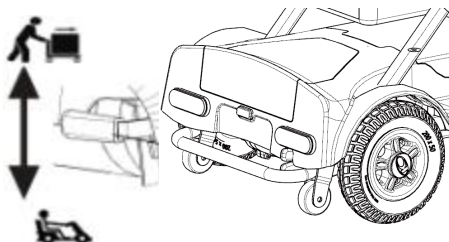
It is imperative that you observe the sequence for connecting and disconnecting the battery charger.

1) Put the scooter near an electric socket outlet.



2) Switch the scooter off and remove the key.

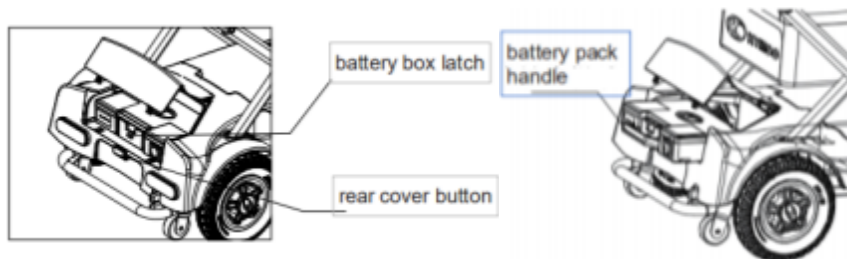
3) Ensure the lever for “freewheel” mode is pushed down to the “drive” position.

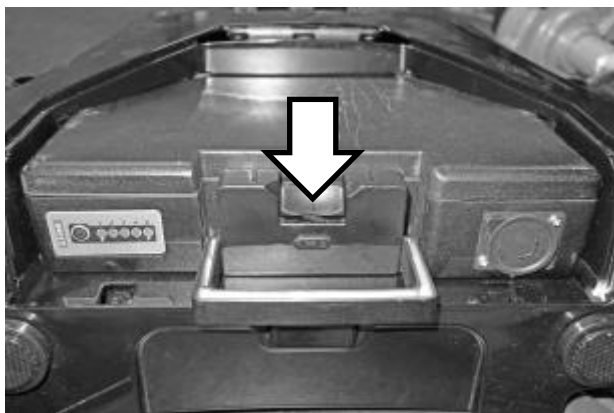


- 4) For on board charging - Press the button, open the rear cover, and insert the battery charger into the battery charging socket on the battery box.



- 5) For off board charging - Press the rear cover button to open the rear cover. Press the battery box latch button to unlock the battery lock mechanism. Pull the battery with the handle to remove it. The battery can now be charged.



**Attention!**

Please ensure that the battery lock pin is pressed to lock the battery into place when the battery pack is installed into the battery holder.

- 6) Connect the battery charger power plug into an electrical outlet (100Vac 240Vac 47Hz 63Hz) and charge the battery.
- 7) It is recommended that you charge the batteries for a minimum of 6 to 8 hours.

**Attention!**

Do not share the outlet with any other appliance.

To avoid the risk of electric shock, this equipment must only be connected to an earthed supply main.

Never use an extension cord to plug in your battery charger.

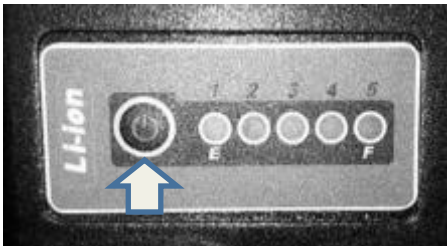
**CAUTION!**

When your scooter is not used for a long time, it must be charged regularly (1 per month). If the lithium battery is not used for three days, the protection board will go to a sleep state. Power can be restarted by pressing the battery power on button, located on the battery box near the battery power display!

VIII. LITHIUM BATTERY

OPERATION

- 1. Turn on: Short press the power button to turn on the battery
- 2. Turn off: Long press the power button for 5 seconds to turn off.
- 3. The battery will turn off automatically if it has not been charged or used (output) for 72 hours.



TROUBLESHOOTING

If any problem exists after troubleshooting, please contact an authorized KYMCO mobility dealer.

BATTERY BOX PROTECTION STATUS LIGHT DISPLAY :

Indicator	Causes	Troubleshooting
	Red light and the fourth green light on: High temperature protection.	Wait until the battery temperature drops to room temperature and the vehicle will re-start automatically.
	Red light and the third green light on: Low temperature protection.	Wait until the battery temperature rises to room temperature and the vehicle will re-start automatically.
	Red light and the first green light on: Short circuit protection.	Repair short circuit problem. Short press on the power button to turn on the battery after the short circuit problem is solved.

BATTERY BOX POWER STATUS LIGHT DISPLAY:

	Red light flashing: capacity 0%-9% Red light on: capacity 10%-19%
	The first green light on: capacity 20%-39%; The first green light flashing: charging, capacity 40%-59%
	The first two green lights on: capacity 20%-39%; The first green light on, the second green light flashing: capacity 40%-59%
	The first three green lights on: capacity 60%-79%; The first two green light on, the third green light flashing: charging, capacity 60%-79%
	Four green lights on: capacity 80%-100%; the first three green lights on, the fourth green light flashing: charging, capacity 80%-99%.

LED SIGNAL MESSAGE ON BATTERY CHARGER DURING CHARGING:

RED: power connected, while disconnected with the battery

Red /Green: Charging

GREEN: Fully Charged



After charging:

1. Unplug the battery charger from the power outlet.
2. Unplug the battery charger from the scooter.

IX. TROUBLESHOOTING

It is possible to resolve some simple errors / faults yourself !

Some simple checks:

1. Check whether the position of power switch is correct or not?
2. Is the battery fully charged? (Refer to "battery and charging")
3. Is the battery and battery socket properly installed and locked in?
4. Is the disengage drive lever in the "drive" position?

OVERLOAD PROTECTION

When the scooter attempts to climb over a high obstacle (such as a curb) or a steep slope, the overload protection can trip turn off the power supply, when the motor is overloaded.

Phenomenon:

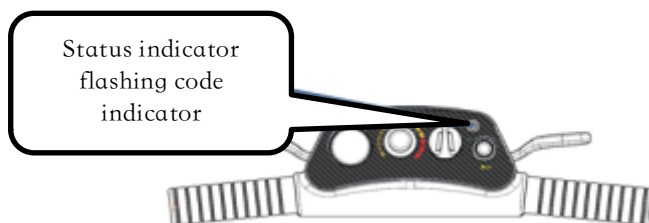
The scooter slows down in an obvious fashion, and then stops. Control system turns off.

How to troubleshoot this problem:

1. Turn off the scooter and let it cool down for a few minutes.
2. Turn on the scooter, reverse from the obstacle and then avoid the obstacle.

ERROR CODE

If the above phenomenon still cannot be eliminated, or the LED indicator on the right side of the control panel keeps flashing, please contact your approved service provider for assistance.



X. WARRANTY INFORMATION

K-Lite FE / F WARRANTY

The **K-Lite FE / F** Model scooters are warranted for 12 months from date of purchase.

IMPORTANT!

During the warranty period any parts that have become defective due to faulty workmanship or materials will be repaired or replaced without charge by your KYMCO HEALTHCARE supplier / dealer.

- The warranty excludes tyres and all items that have been subject to undue wear and items, subjected to misuse.
- Unauthorized changes or modifications will forfeit your warranty.
- If a defect or fault is discovered, your **KYMCO Healthcare** supplier / dealer, from whom the scooter was purchased should be notified immediately.

LIMITATION OF LIABILITY

The warranty does not extend to the consequential costs resulting from fault clearance, in particular freight and travel costs, loss of earnings, expenses, etc.

The manufacturer will not accept responsibility for any damage or injury caused by misuse or non-observance of the instructions set out in this user manual.

By KWANG YANG Motor Co., Ltd.

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T300- EQ10EA-A1

T300- EQ10EB-A1



KYMCO UK Limited(Healthcare Division)

30 North Road

Bridgend Industrial Estate

Bridgend CF31 3TP

t: +44(0)1656 645755

e: sales@kymcouk.co.uk

w: www.kymcohealthcare.com



KWANG YANG MOTOR CO., LTD

NO.35 Wan Hsing Street, San Min District Kaohsiung City,
Taiwan, Republic Of China

EQ10EA



(01)04713108141006

EQ10EB



(01)04713108141013



KYMCO UK Limited (Healthcare Division)
30 North Road
Bridgend Industrial Estate
Bridgend CF31 3TP
t: +44(0) 1656 645755
e: sales@kymcouk.co.uk
w: www.kymcohealthcare.com

KWANG YANG MOTOR CO., LTD
NO.35 Wansing St., Sanmin District, Kaohsiung
City, 80794 Taiwan, (R.O.C.)
Telephone: 886-7-3822526
FAX: 886-7-3950021